Cristina Ortiz, "Moving forward", 2014, mixed technique, 120 cm x 70 cm, from the exhibition "Aspirations"
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1.) Access available materials of any session you attend.
2.) Attend at least 2 sessions per day to gain full access to that day’s presentations.
3.) Attend at least 6 sessions during the congress to gain full access to all presentations.

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# Congress Information

## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome Address</td>
<td>5</td>
</tr>
<tr>
<td>ERA-EDTA Council</td>
<td>6</td>
</tr>
<tr>
<td>Scientific Committee</td>
<td>7</td>
</tr>
<tr>
<td>Paper Selection Committee</td>
<td>8</td>
</tr>
<tr>
<td>Congress Information</td>
<td>14</td>
</tr>
<tr>
<td>CME Credits</td>
<td>18</td>
</tr>
<tr>
<td>Accepted Abstracts</td>
<td>19</td>
</tr>
<tr>
<td>ERA-EDTA Awards and Grants</td>
<td>20</td>
</tr>
<tr>
<td>ERA-EDTA Information</td>
<td>32</td>
</tr>
<tr>
<td>Information for Press/Media Representatives</td>
<td>34</td>
</tr>
<tr>
<td>Madrid General Information</td>
<td>37</td>
</tr>
</tbody>
</table>

## SCIENTIFIC PROGRAMME

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, June 3, 2017</td>
<td>41</td>
</tr>
<tr>
<td>Sunday, June 4, 2017</td>
<td>69</td>
</tr>
<tr>
<td>Sunday, June 4, 2017 - posters</td>
<td>107</td>
</tr>
<tr>
<td>Monday, June 5, 2017</td>
<td>209</td>
</tr>
<tr>
<td>Monday, June 5, 2017 - posters</td>
<td>247</td>
</tr>
<tr>
<td>Tuesday, June 6, 2017</td>
<td>353</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Sponsored Symposia</td>
<td>377</td>
</tr>
<tr>
<td>Exhibitors</td>
<td>403</td>
</tr>
</tbody>
</table>
Welcome Address

Dear Colleagues and Friends,

We are very happy to welcome you to Madrid for the 54th ERA-EDTA Congress.

This great event occurs 18 years after the last time we met in Madrid in 1999. Since then, the ERA-EDTA Congresses have experienced tremendous growth, with the number of participants tripling. Over this time, the ERA-EDTA itself has also progressively expanded, leading European nephrology into the 21st century by developing several major initiatives such as the modernisation of the Registry, continuing the development of the two journals of the Association (NDT and CKJ), promoting active collaboration with many European and other National and International medical societies, creating the ERA-EDTA Working Groups, and the Young Nephrologists’ Platform.

We hope the attractive scientific programme we have prepared will meet your expectations: the Scientific and the Paper Selection Committees have worked very hard to provide the best in science and education.

Among the pre-Congress activities, the ERA-EDTA will offer on the first day 26 CMEs, one of them in Spanish. In addition, the main Congress will have 4 Plenary lectures, 61 Symposia, 37 Free communications sessions including a late breaking clinical trial session and 2 poster sessions. The whole spectrum of basic, clinical and translational nephrology, dialysis and transplantation will be covered by more than 300 expert speakers coming from more than 100 different countries.

Apart from the outstanding scientific programme we hope you will enjoy Madrid, a city with variety of cultural and leisure opportunities, such as great museums with the best of both classic and contemporary arts, parks and friendly, charming and romantic corners. I am sure that Madrid will once again be a friendly place to discuss science, to teach and learn and finally to meet old and new friends alike.

For us, it is a great pleasure to have you in Madrid for the 54th ERA-EDTA 2017 Congress.

Jorge B. Cannata-Andía
Congress President,
on behalf of all the Nephrologists from Madrid

Andrzej Więcek
ERA-EDTA President
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Alberto Ortiz, Spain
Goce Spasovski, F.Y.R. of Macedonia

Congress Presidents (Madrid, Spain)
Jorge B. Cannata-Andia, Spain
Andrzej Więcek, Poland

www.era-edta.org
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ERA-EDTA is grateful to the following physicians for the work done in reviewing the abstracts submitted to this year’s congress.

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Carsten Wagner, Switzerland

Jesus Egido, Spain

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Adrian S. Woolf, United Kingdom

Genetic diseases and molecular genetics
Olivier Devuyst, Switzerland

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Jan J. Weening, The Netherlands

Hypertension. Experimental
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Hypertension. Clinical
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Giovanni Gambaro, Italy

Clinical nephrology
Jürgen Floege, Germany

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AKI. Clinical. Epidemiology and outcome
Norbert H. Lameire, Belgium

AKI. Clinical. Prevention and treatment
Mehmet Sukru Sever, Turkey

CKD. Lab methods, GFR measurement, urine proteomics
Gert Mayer, Austria

CKD. Pathophysiology, progression and risk factors
Ivan Rychlik, Czech Republic

CKD. Clinical epidemiology
Benedicte Stengel, France

CKD. Anaemia
Michel Jadoul, Belgium

CKD. Bone disease
Pieter Evenepoel, Belgium

CKD. Rehabilitation
Naomi Clyne, Sweden

Diabetes. Basic research
Laetitia Koppe, France

Diabetes. Clinical studies
Peter Rossing, Denmark

Dialysis. Extracorporeal dialysis: techniques and adequacy
Jeroen Kooman, The Netherlands

Dialysis. Peritoneal dialysis
Olof Heimbürger, Sweden

Dialysis. Cardiovascular complications
Carmine Zoccali, Italy

Dialysis. Vascular access
Pietro Ravani, Canada

Dialysis. Anaemia
Tilman B. Drueke, France

Dialysis. Epidemiology and outcome
Goce Špasovski, F.Y.R. of Macedonia

Dialysis. Health services research
Kitty Jager, The Netherlands

Dialysis. Protein energy wasting, inflammation and oxidative stress
Peter Barany, Sweden
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Renal transplantation. Experimental, immune-tolerance of allogenic and xenogenic transplants
Bruno Watschinger, Austria

Renal transplantation. Epidemiology and outcome
Anders Hartmann, Norway

Renal transplantation. Treatment and immunosuppression
Ondrej Viklicky, Czech Republic

Paediatric nephrology
Christer Holmberg, Finland

History of nephrology
Anthanasios Diamandopoulos, Greece

Patient education research and training in nephrology
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Accepted abstracts
Accepted abstracts will be available only online (on the ERA-EDTA portal ENP at www.enp-era-edta.org, click on “E-materials 2017”) or on the Mobile Congress App (search for “ERA-EDTA 2017” on the Google or Apple store).
Scan your badge at the Vifor Fresenius Booth 3.020 in Hall 8 in order to have access to the accepted abstracts.

Art exhibitions
There will be two art exhibitions in Hall A of the IFEMA Feria de Madrid (North Congress Center). One is entitled “Alchemy of Purification” and is organised by Medtronic, the other one shows the works of Cristina Ortiz, the author of the painting which has become the image of the ERA-EDTA Madrid Congress.

Admission
Admission to the scientific sessions is strictly reserved to registered congress members. Minors cannot access the session halls even if accompanied by a registered adult. The same applies also to the Exhibition.
ERA-EDTA as per EFPIA HCP Code does not extend hospitality in any way to persons other than the registered congress members.

Certificate of attendance
The certificate of attendance will be sent to all regularly registered congress members by email after the congress. If you need a hard copy, you can collect it at the dedicated desk located in the Registration Area of the IFEMA Feria de Madrid (North Congress Center) starting from June 3, 2017 after 13:00 hrs.
In case you do not receive the certificate of attendance by email, please write to registrations@era-edta.org.
Please notice that the certificate will specify the exact number of days that you will have attended the congress.

Coffee and tea break
Complimentary coffee and tea will be served in the Exhibition on June 4 and 5, 2017. On June 3 and 6, 2017 refreshments will be served in Hall 10 (between halls 10.A and 10.B) and on Level 1 of the IFEMA Feria de Madrid (North Congress Center).

Congress App
The Congress app can be downloaded from the Google or Apple store (search for “ERA-EDTA 2017”). It contains the full scientific programme and all information about the Industry Symposia and the Exhibitors. New this year: Summary Builder (to take notes and tag single slides) and Congress Dialogue (to check out the comments and discussions related to the selected sessions).

Congress membership
Regularly registered congress members are entitled to attend all Scientific and Poster Sessions, Welcome Ceremony and Reception and the Industrial Exhibition. Onsite they will also receive a congress kit; the Final Programme will be available at the bag distribution desk.
No registration is available for accompanying guests; however, all registered congress members can take part, with their accompanying guests, in the Welcome Ceremony and Welcome Reception on June 3, 2017.
All registered congress members must wear their name badge when attending any congress event. Please note that only attendants wearing congress members badges are entitled to
Congress Information

attend lectures and poster sessions.
The information printed on the badges is exactly the one provided by congress members during the registration procedure.

Reprint/Lost-forgotten badges
A “Reprint desk” for lost or forgotten congress members badges will be available in the Registration Area. A replacement badge will cost EUR 20.00 and only payments in cash will be accepted.

CME Courses
In order to participate in the CME Courses held on June 3, 2017, all regularly registered congress members must self-scan their badge at the kiosks at the entrance of the lecture rooms (at registered congress members’s own responsibility).
Please note that the seat capacity of the conference rooms is limited, therefore participation in these courses will be on a “first come first served” basis.
The courses are reserved to regularly registered congress members and are included in the congress membership fee.

Ethical Med Tech - Conference Vetting System
The EMT6120 - 54th Congress of the European Renal Association - European Dialysis and Transplant Association from 03/06/2017 to 06/06/2017 in Madrid, Spain is compliant with the Medtech Europe Code of Ethical Business Practice.

Facilities at the IFEMA Feria de Madrid (North Congress Center)
A cloak room is located in the basement of the IFEMA Feria de Madrid (North Congress Center); this service will be available for the entire duration of the congress.
An internet point is available in the Registration Area; a Wi-Fi service is provided in the main public spaces of the congress centre, meeting rooms and exhibition.
There are several food and beverage options located in the congress venue; there are also catering areas in the exhibition.

Grant policy
All ERA-EDTA travel grants had to be applied for in advance and have already been assigned.
No additional travel grants, reduced fees or financial support of any kind can be given to registered congress members.

Information desks
In the entrance foyer of the IFEMA Feria de Madrid (North Congress Center) – Level 0 - an Information Desk will provide you all the information related to the venue, the services provided and the congress activities.
This desk will have the same opening hours of the Registration Area.
In addition a Tourist Information Desk is available where you can receive promotional materials about Madrid, including maps, as well as information about public transportation, sightseeing tours, city walks, day trips outside Madrid, cultural events and restaurant reservations.
Opening hours:
Friday, June 2 11:00-19:00 hours
Saturday, June 3 07:00-19:00 hours
Sunday, June 4 07:30-18:45 hours
Monday, June 5 07:30-18:45 hours
Tuesday, June 6 07:30-12:45 hours
Insurance / Liability
Participation in this Congress implies that persons/registered congress members agree that the organizers do not assume any liability whatsoever. Upon registration, the congress members accept this proviso. ERA-EDTA cannot be deemed responsible for forgotten, lost or stolen personal belongings and Congress materials.

Language of the Congress
The official language of the Congress is English. No simultaneous translation will be provided. A CME Course in Spanish will be held on June 3, 2017.

Lunch
Snack bars and catering areas will offer snacks and sandwiches for purchase; they are located in the Exhibition and also in the Avenida between the North and the South IFEMA. Most of the Companies that have arranged Industry Sponsored Symposia will offer lunch to the registered congress members.

Post-congress correspondence
If you wish to contact the ERA-EDTA after the Congress, here are the full contact details: ERA-EDTA Headquarters, Via XXIV Maggio 38, 43123 Parma (Italy), telephone: +39-0521-989078, fax: +39-0521-959242.
For all matters related to congress memberships and receipts: registrations@era-edta.org, telephone +39-345-0211784.
For all matters related to abstracts and travel grants: abstracts@era-edta.org.
For all matters related to the scientific programme, speakers and chairs: program@era-edta.org.

Printed posters
All presenters who took advantage of the ERA-EDTA offer to have their posters professionally printed and delivered to the congress venue free of charge, should pick up their posters at the ERA-EDTA booth (nr 7.005) in the Exhibition starting on June 4, 2017 at 07:30.

Programme changes
The organisers cannot assume liability for changes in the programme due to external or unforeseen circumstances.

Registration / Information
The registration and information desks are located in the Registration Area of the IFEMA Feria de Madrid (North Congress Center).
The desks will be open at the following times:
Friday, June 2 11:00-19:00 hours
Saturday, June 3 07:00-19:00 hours
Sunday, June 4 07:30-18:45 hours
Monday, June 5 07:30-18:45 hours
Tuesday, June 6 07:30-12:45 hours
Receipts
Pre-registered congress members may request the receipt of the congress membership fee by personally giving their full address to the staff working at the ERA-EDTA Office desk or by sending a specific request to registrations@era-edta.org. Receipts will be sent upon request and only after the congress. Onsite registered congress members may request the receipt of the payment by ticking the appropriate box in the onsite online form or personally giving their full address to the ERA-EDTA Office desk or by sending a request to registrations@era-edta.org. Receipts will be sent after the congress.
Shuttle buses
Access to IFEMA Feria de Madrid is possible from anywhere in the city by using the Campo
de las Naciones metro station (Line 8); the exit is at the South Entrance of the IFEMA complex.
There will be continuous shuttle buses from the South to the North IFEMA according to the
following timetable:

- Friday, June 2 11:00-19:00 hours
- Saturday, June 3 07:00-20:30 hours
- Sunday, June 4 07:30-19:00 hours
- Monday, June 5 07:30-19:00 hours
- Tuesday, June 6 07:30-13:00 hours

UEMS CME Credits
The 54th ERA-EDTA Congress has been designated for a maximum of 21 hours of European
external CME credits.
Please refer to page 18 for further accreditation details.

SPEAKERS INFORMATION
The Speakers’ Preview Room is located on the mezzanine floor (Halls 9-7) of the IFEMA Feria
de Madrid (North Congress Center) and will be open during the following hours, with expert
technicians available to assist all speakers:

- Saturday, June 3 07:00-18:30 hours
- Sunday, June 4 07:00-19:00 hours
- Monday, June 5 07:00-19:00 hours
- Tuesday, June 6 07:00-13:30 hours

All presentations need to be prepared as PowerPoint files in 16:9 format and will be loaded
on a central server in the Speakers’ Preview Room. All speakers should bring their presenta-
tions stored on a CD, DVD or USB memory stick to this room no later than 2 hours before the
start of their session (or the afternoon of the day before if the presentation refers to the first
morning sessions).
The use of laptop computers will not be possible.

The Disclosure of Interest of all Invited Speakers and Chairs will be made available at the
beginning of each session. Moreover, they have been posted on the Madrid Congress website
www.era-edta2017.org, under the specific section.
The 54th ERA-EDTA Congress has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME). The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The 54th ERA-EDTA Congress is designated for a maximum of 21 European CME credits (ECMEC).

Each medical specialist should claim only those credits for the sessions that he/she actually attended.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert the EACCME credits received to an equivalent number of AMA PRA Category 1 Credits™. Information on this matter can be found at www.ama-assn.org/go/internationalcme. Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

For more information, visit www.uems.net.

HOW TO RECEIVE UEMS CME CREDITS

ERA-EDTA will track attendance of congress members during the congress in the IFEMA Feria de Madrid (North Congress Center) each day. Regularly registered congress members must self-scan their badge at the kiosks at the entrance of the lecture rooms (at registered congress members’ own responsibility).

All Congress members will then be awarded the number of credits towards the hours actually spent participating in the sessions of the congress. ERA-EDTA will send UEMS CME certificates to all regularly registered congress members by email approximately one month after the end of the Congress. In case you do not receive it by that time, please write to cmecredits@era-edta.org.
Free Communications
The presentation time for all free communication sessions is 10 minutes, followed by 3 minutes of discussion. All speakers are requested to keep to their allotted time. Please ensure that you are in your session hall at least 10 minutes before the session starts, and remain until the end of the session.
All presentations need to be prepared in PowerPoint and need to be in 16:9 format. All speakers should bring their presentations stored on a CD-ROM, DVD or USB memory stick to the Speakers’ Preview Room no later than 2 hours before the start of their session. The use of laptop computers will not be possible.

Posters
Posters will be displayed in the Poster Area of the IFEMA Feria de Madrid (North Congress Center).
There will be two poster sessions, with the following timetable:
Sunday, June 4 09:30-10:45
Monday, June 5 09:30-10:45
Authors should mount their poster on the day of their session starting at 07:30 and dismantle it after 17:00 hrs the same day. The poster panel measures 90 cm width x 200 cm height (portrait/vertical). The organisers will provide suitable fixing material during this period (07:30-17:00). When the exhibition is closed, only authors with a congress badge will be able to enter and go through the exhibition area (through a preferential way) to get to the poster area.
The code number of each poster indicates the position of the display board.
Presenting authors are kindly requested to be present throughout the official poster viewing time in order to explain their research and to answer questions from congress members. There will be no guided formal discussion.
ERA-EDTA cannot be deemed responsible for lost or stolen posters.
Posters which are not dismounted by the end of each day will automatically be disposed of.

New in the poster area
Moderated posters
A selection of posters will be discussed by the first author and an expert moderator to cover the four main topics (Basic Science, Clinical Nephrology, Dialysis, Transplantation). Posters will be on display from 9.30 to 10.45 hrs on large plasma screens
Best posters
The best posters (sorted by main topic: Basic Science, Clinical Nephrology, Dialysis, Transplantation) will be on display on large plasma screens.

Printed posters
All presenters who took advantage of the ERA-EDTA offer to have their posters professionally printed and delivered to the congress venue free of charge, should pick up their posters at the ERA-EDTA booth (nr 7.005) in the Exhibition starting on June 4, 2017 at 07:30.

Abstract numbering system
S = Sunday, M = Monday, T = Tuesday
O = free communication, P = poster
e.g. SP313 = Sunday, poster number 313
ERA-EDTA AWARDS AND GRANTS

Also this year the ERA-EDTA has decided to give up to 90 travel grants for young nephrologists (under 40 years of age) to attend the Madrid Congress. The total sum – EUR 50,000 - has thus been allocated to the best rated abstracts in the various categories.

All winners will receive:

a) Free Congress Registration;
b) A grant for EUR 500, except for the Presenting Authors of the best abstracts of each category whose grant will be of EUR 1,000.

The Presenting Authors of the two best abstracts of each category will also receive a diploma, independently of age.

The Paper Selection Committee has also selected the 9 best abstracts overall, the authors of which will receive a diploma.

How to collect your grant

In case of free communications, a voucher will be given to the winner of the grant directly from the Chairpersons of his/her session. Instead, poster presenters will have to go directly to the Faculty & Grants Desk in the Registration Hall of the IFEMA Feria de Madrid (North Congress Center). Congress awards will be given only to the presenting author of the successful abstract, who must show a valid identification picture ID, together with the voucher (if applicable), to the ERA-EDTA staff at the Faculty & Grants Desk after the presentation.

Awards will not be given to co-authors/colleagues/friends/relatives; no exceptions will be made.

No other grants or financial support of any kind, besides the grants mentioned above, will be given to registered congress members.

* Nine best abstracts

★ Nine best abstracts presented by young authors

★ Best abstracts presented by young authors
Nine Best Abstracts

The authors of the abstracts below will receive a diploma.

SO005
THE EFFECTS OF AEROBIC AND COMBINED EXERCISE ON SKELETAL MUSCLE AKT PHOSPHORYLATION IN NON-DIALYSIS CKD
Douglas Gould, Leicester, United Kingdom

SO024
DONOR RECIPIENT MATCHING BASED ON INDIRECTLY RECOGNIZABLE HLA EPITOPES INDEPENDENTLY PREDICTS OUTCOME AFTER KIDNEY TRANSPLANTATION
Oliver Staeck, Berlin, Germany

SO029
IDENTIFYING THE CULPRIT GENE IN 400 GENETICALLY UNRESOLVED AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY OR LIVER DISEASE (ADPKD/ADPLD) PEDIGREES
Emilie Cornec-Le Gall, Brest, France

SO065
THE 450TH ANNIVERSARY OF THE PUBLICATION OF PHYSIOLOGY BY JEAN FERNEL: FOCUS ON THE KIDNEYS
Natale G. De Santo, Naples, Italy

SP157
INVESTIGATION OF THE PROTECTIVE EFFECTS OF ATORVASTATION ON CONTRAST-INDUCED ACUTE KIDNEY INJURY FROM THE PERSPECTIVE OF THE TLRA/MYD88 SIGNALING PATHWAY
Rongzheng Yue, Chengdu, China

SP158
BCL3: AN NF-κB REGULATOR INDUCIBLE BY TWEAK IN ACUTE KIDNEY INJURY WITH ANTI-INFLAMMATORY AND ANTI-APOPTOTIC PROPERTIES IN TUBULAR CELLS
Jonay Poveda, Madrid, Spain

SP159
INTRAVENOUS ADMINISTRATION OF MESENCHYMAL STROMAL CELLS MODULATES RENAL LIPID METABOLISM IN RATS
Pauline Erpicum, Liege, Belgium

MO006
MICRORNA26A INDUCED GOMERULAR DAMAGE IN PREECLAMPSIA
Janina Müller-Deile, Isernhagen, Germany

MO008
LPS BINDING PROTEIN AMPLIFIES TLR-4 SIGNALING AND PERICYTE TO MYOFIBRO-BLASTS TRANS-DIFFERENTIATION IN LPS-INDUCED ACUTE KIDNEY INJURY
Alessandra Stasi, Bari, Italy
Nine Best Abstracts presented by Young Authors

The authors of the abstracts below will receive a grant of EUR 1,000, free congress membership and a diploma.

SO005
THE EFFECTS OF AEROBIC AND COMBINED EXERCISE ON SKELETAL MUSCLE AKT PHOSPHORYLATION IN NON-DIALYSIS CKD
Douglas Gould, Leicester, United Kingdom

SO027
TRYPTOPHAN METABOLISM AND LONG TERM GRAFT FAILURE IN RENAL TRANSPLANT RECIPIENTS
Isidor Minovic, Groningen, The Netherlands

SP158
BCL3: AN NF-κB REGULATOR INDUCIBLE BY TWEAK IN ACUTE KIDNEY INJURY WITH ANTI-INFLAMMATORY AND ANTI-APOPTOTIC PROPERTIES IN TUBULAR CELLS
Jonay Poveda, Madrid, Spain

SP159
INTRAVENOUS ADMINISTRATION OF MESENCHYMAL StromAL CELLS MODULATES RENAL LIPID METABOLISM IN RATS
Pauline Erpicum, Liege, Belgium

SP618
PERFORMANCE OF BLEEDING RISK SCORES IN DIALYSIS PATIENTS
Gurbey Ocak, Utrecht, The Netherlands

SP775
DIRECT-ACTING ANTIVIRALS IN KIDNEY TRANSPLANT RECIPIENTS WITH HEPATITIS C VIRUS INFECTION: A SPANISH MULTICENTER STUDY
Carmen Gonzalez Corvillo, Sevilla, Spain

MO006
MICRORNFA26A INDUCED GOMERULAR DAMAGE IN PREECLAMPSIA
Janina Müller-Deile, Isernhagen, Germany

MO008
LPS BINDING PROTEIN AMPLIFIES TLR-4 SIGNALING AND PERICYTE TO MYOFIBRO-BLASTS TRANS-DIFFERENTIATION IN LPS-INDUCED ACUTE KIDNEY INJURY
Alessandra Stasi, Bari, Italy

MP751
LONG-TERM INTRADIALYTIC CYCLING AND THE IMPACT ON QUALITY OF LIFE
Laura Mason, Swansea, United Kingdom
Best Abstracts presented by Young Authors

The authors of the abstracts below will receive a grant of EUR 500, free congress membership and a certificate.

SO004
TEST-RETEST RELIABILITY, VALIDATION, AND ‘MINIMAL DETECTABLE CHANGE’ SCORES FOR A RANGE OF COMMON PHYSICAL FUNCTION AND STRENGTH TESTS IN NON-DIALYSIS CKD
Thomas Wilkinson, Leicester, United Kingdom

SO007
THE EFFECTS OF 12 WEEKS OF AEROBIC ONLY OR COMBINED AEROBIC AND RESISTANCE EXERCISE TRAINING ON AEROBIC CAPACITY, STRENGTH AND PHYSICAL FUNCTION IN NON-DIALYSIS CHRONIC KIDNEY DISEASE
Soteris Xenophontos, Leicester, United Kingdom

SO009
ISCHEMIA IN KIDNEY TRANSPLANTATION CAUSES DNA HYPERMETHYLATION AND PREDICTS GRAFT FIBROSIS: AN EPIGENOME-WIDE ASSOCIATION STUDY
Line Heylen, Leuven, Belgium

SO010
THE IGE-MEDIATED IMMUNE RESPONSE IN CHRONIC ANTIBODY-MEDIATED REJECTION. A POSSIBLE PATHOGENIC ROLE?
Federica Rascio, Foggia, Italy

SO037
SIGNIFICANT REDUCTIONS OF PATHOGENIC AUTOANTIBODIES BY SYNERGETIC RITUXIMAB AND BELIMUMAB TREATMENT EFFECTIVELY INHIBITS NEUTROPHIL EXTRACELLULAR TRAPS IN SEVERE, REFRACTORY SLE - THE SYNBIOSE STUDY
Tineke Kraaij, Leiden, The Netherlands

SO038
INORGANIC PHOSPHATE (Pi) ACUTELY IMPAIRS CYTOSKELETON INTEGRITY VIA PP2A/SRC/DAPK-1/TPM-3 PATHWAY: A NOVEL MECHANISM OF Pi-INDUCED CELL STRESS AND MICROPARTICLE RELEASE IN CKD
Nima Abbasian, Leicester, United Kingdom

SO040
DELIVERY OF EXOSOMAL CCL2 MRNA FROM TUBULAR EPITHELIAL CELLS TO MACROPHAGES PROMOTES INTERSTITIAL INFLAMMATION IN PROTEINURIA NEPHROPATHY
Linli Lv, Nanjing, China

SO046
SCOPE AND CONSISTENCY OF OUTCOMES REPORTED IN RANDOMISED TRIALS CONDUCTED IN ADULTS ON HAEMODIALYSIS
Bénédicte Sautenet, Tours, France
SO050
COMPARATIVE MORTALITY BETWEEN PERITONEAL DIALYSIS AND IN-CENTER HAEMODIALYSIS. A SYSTEMATIC REVIEW OF PROPENSITY-SCORE MATCHED MORTALITY STUDIES
Mohamed Elsayed, Limerick, Ireland

SO054
ZERO-TIME BIOPSY OF POTENTIAL DONOR KIDNEYS TO AID DECISION-MAKING
Yosu Luque, Paris, France

SP106
C3 DEPOSITION MAY IMPLICATE DISEASE PROGRESSION IN PATIENTS WITH PRIMARY FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Safak Mirioglu, Fatih, Istanbul, Turkey

SP161
CCN2 GENE BLOCKADE IN VIVO AMELIORATES EXPERIMENTAL ACUTE RENAL INJURY
Sandra Rayego-Mateos, Madrid, Spain

SP166
ADENOSINE A2 RECEPTORS ARE INDISPENSABLE FOR THE MAINTENANCE OF RENAL BLOOD FLOW UNDER ACUTE ISCHEMIA
Kentaro Fujii, Tokyo, Japan

SP167
INDUCTION OF ACUTE KIDNEY INJURY IN NEWBORN RATS, NEPHROPROTECTIVE EFFECT OF ANTIOXIDANT TREATMENT
Egor Plotnikov, Moscow, Russian Federation

SP170
SILENCING NUMB EXACERBATES CISPLATIN-INDUCED ACUTE KIDNEY INJURY BY PROMOTING MITOCHONDRIAL FRAGMENTATION
Ze Liu, Guangzhou, China

SP171
THE LONG TERM EFFECT OF STEM CELL TRANSPLANTATION IN MICE MODEL OF ACUTE KIDNEY INJURY
Željka Večerić-Haler, Ljubljana, Slovenia

SP187
SEASONALITY OF ACUTE KIDNEY INJURY INCIDENCE
Masao Iwagami, London, United Kingdom

SP188
PREDICTIVE FEATURES OF CHRONIC RENAL DISEASE IN ATYPICAL HEMOLYTIC UREMIC SYNDROME
Matthieu Jamme, Paris, France

SP258
PROTON PUMP INHIBITORS AND THE RISK OF CKD PROGRESSION; THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
Derk Klatte, Amsterdam, The Netherlands
SP261
WHY DO NOT ALL CKD PATIENTS GET GOUT? NET FORMATION AND MONOCYTE FUNCTION IN CHRONIC KIDNEY DISEASE
Stefanie Steiger, Munich, Germany

SP302
TIME-AVERAGED BLOOD PRESSURE AND OUTCOMES IN STAGE 3 TO 5 CHRONIC KIDNEY DISEASE PATIENTS
Heng-Pin Chiang, Kaohsiung, Taiwan

SP345
SECRETED PHOSPHOPROTEIN 24 (SPP24) IS A NOVEL BIOMARKER OF MINERAL METABOLISM: A CROSS-SECTIONAL EVALUATION
Mandy Turner, Kingston, Canada

SP461
EFFECTS OF TRANSCUTANEOUS ELECTRICAL MUSCLE STIMULATION ON INTRADIALYTIC HYPTENSION AND HEMODIALYSIS EFFICIENCY IN HD PATIENTS WITH SEVERE DISABILITY
Konstantin Vishnevskii, St.-Petersburg, Russian Federation

SP463
DOES SUBSTITUTION VOLUME INFLUENCE METABOLIC PROFILE OR BODY COMPOSITION IN DIABETIC PATIENTS ON ONLINE HEMODIAFILTRATION?
Nicolás Macías Carmona, Madrid, Spain

SP493
EARLY PERITONITIS AND ITS OUTCOME IN INCIDENT PERITONEAL DIALYSIS PATIENTS
Emily See, Greenslopes, Australia

SP532
EFFECT OF THE BLOOD PRESSURE IN MORPHOLOGICAL CEREBRAL CHANGES: MRI STUDY IN CKD PATIENTS (KIDBRAIN)
Santiago Cedeño Mora, Madrid, Spain

SP533
IMPACT OF SLEEP-DISORDERED BREATHING ON CARDIOVASCULAR EVENTS AND MORTALITY IN HEMODIALYSIS PATIENTS
Yasuhiro Mochida, Kamakura city, Japan

SP535
ASSOCIATION BETWEEN INTRADIALYTIC DYNAMICS OF CENTRAL VENOUS OXYGEN SATURATION AND ULTRAFILTRATION VOLUME IN CHRONIC HEMODIALYSIS PATIENTS
Lili Chan, New York, United States

SP538
EXPLORATION OF RIGHT VENTRICULAR HAEMODYNAMICS IN HAEMODIALYSIS PATIENTS USING CARDIAC MAGNETIC RESONANCE IMAGING
Laura Panaro, Savona, Italy
SP539
THE EXPRESSION PROFILE OF microRNAs IN CKD PATIENTS WITH VASCULAR CALCI-FICATION
Máté Kétszeri, Graz, Austria

SP579
USE OF INFANT FEEDING TUBE FOR ARTERIOVENOUS FISTULA CREATION BY NEPHROLOGIST- SURGICAL TECHNIQUE AND OUTCOMES
Kunal Gandhi, New Delhi, India

SP580
THE ARTERIOVENOUS GRAFT BETWEEN THE BRACHIAL ARTERY AND VENA COMITANS: A RELIABLE VASCULAR ACCESS IN PATIENTS WITH INADEQUATE SUPERFI-CIAL VEINS
Giordano Fumagalli, Lido Di Camaiore (LU), Italy

SP605
FUNCTIONAL EPO-HEPCIDIN AXIS IN RECOMBINANT HUMAN EPO INDEPENDENT HEMODIALYSIS PATIENT
Maxime Touzot, Paris, France

SP619
NEUROCOGNITION IN PATIENTS WITH ESRD: THE COURSE OF COGNITIVE FUNCTION IN THE EARLY PHASE OF PERITONEAL AND HEMODIALYSIS
Denise Neumann, Halle (Saale), Germany

SP726
INCIDENCE, RISK FACTORS AND OUTCOMES OF STROKE IN SCOTLAND’S RENAL TRANSPLANT RECIPIENTS
Mark Findlay, Glasgow, United Kingdom

SP728
NON-WHITE DONORS AND KIDNEY TRANSPLANT OUTCOMES: A POPULATION COHORT STUDY
Bhavini Pisavadia, Birmingham, United Kingdom

SP730
THE EFFECT OF DELAYED GRAFT FUNCTION ON LONG TERM GRAFT SURVIVAL STRATIFIED BY KDPI BASED DONOR KIDNEY QUALITY CATEGORIES
Lukas Lehner, Berlin, Germany

SP731
C-TERMINAL FIBROBLAST GROWTH FACTOR 23 DETERMINES IRON DEFICIENCY-ASSOCIATED RISK OF MORTALITY IN RENAL TRANSPLANT RECIPIENTS
Michele Eisenga, Groningen, The Netherlands

SP732
GRAFT LOSS FROM ANTI GLOMERULAR BASAL MEMBRANE NEPHRITIS : A RARE EVENT IN ALPORT SYNDROME, EVEN WITH A SEVERE MUTATION
Valentine Gillion, Brussels, Belgium
SP735
OLDER ADULTS: THE RACE OF TWO RISKS - TRANSPLANTATION VERSUS TIME IN THE “WAITING LIST”. HOW CAN A COMPROMISE BE FOUND?
Aleksei Zulkarnaev, Moscow, Russian Federation

SP739
CAN WE TRUST IN ESTIMATED GFR DECLINE IN RENAL TRANSPLANTATION? THE NEPHROLOGIST IN THE MIST
Sergio Luis-Lima, La Laguna, Spain

SP741
LEFT VENTRICULAR HYPERTROPHY AS PROGNOSTIC FACTOR AFTER KIDNEY TRANSPLANTATION. SIZE MATTERS MORE THAN PATTERNS
Edoardo Melilli, Barcelona, Spain

SP742
ENDOSCOPIC ULTRASOUND GUIDED BIOPSY SAMPLING OF THE PANCREAS TRANSPLANT- THE FUTURE OF GRAFT SURVEILLANCE?
Espen Nordheim, Oslo, Norway

SP745
INFLUENCE OF HIP POSITION ON OXYGENATION OF RENAL TRANSPLANTS AS MEASURED BY FUNCTIONAL MRI METHODS-THE BENT KNEE STUDY
Laila-Yasmin Mani, Bern, Switzerland

SP746
NEPHRECTOMY OF THE FAILED FIRST KIDNEY ALLOGRAFT PREDISPOSES KIDNEY TRANSPLANT RECIPIENTS TO PRESENSITIZATION WITH ALLOREACTIVE T-CELLS AND INFERIOR ALLOGRAFT SURVIVAL AFTER RETRANSPLANTATION
Thomas Schachtner, Berlin, Germany

SP779
AVESTA STUDY - AN IRANIAN VERIFICATION OF EVEROLIMUS SUCCESS IN TRANSPLANTATION ASPECTS
Nooshin Dalili, Tehran, Iran

SP780
EXTENDING VALGANCICLOVIR PROPHYLAXIS IN KIDNEY TRANSPLANT RECIPIENTS IS ASSOCIATED WITH LOWER INCIDENCE OF CYTOMEGALOVIRUS INFECTION
Boštjan Bizjak, Ljubljana, Slovenia

SP781
THE EFFECT OF IN VITRO TACROLIMUS EXPOSURE AND PHARMACOGENETIC VARIATION ON MULTILEVEL CYTP3A5, ABCB1 EXPRESSION AND CTGF PRODUCTION IN HUMAN PROXIMAL TUBULE CELLS
Yasaman Ramazani, Leuven, Belgium

MO001
MAFB IS ESSENTIAL FOR THE MAINTENANCE OF PODOCYTES IN BOTH MICE AND HUMANS
Toshiaki Usui, Tsukuba, Japan
MO007
INDUCTION OF IMMUNOSUPPRESSIVE MICRO-RNA IN SPLEEN ATTENUATES SEPSIS INDUCED ACUTE KIDNEY INJURY
Yoshio Funahashi, Nagoya, Japan

MO011
DISTURBANCES OF CIRCADIAN RHYTHM OF BLOOD PRESSURE AND LOCAL CARDIAC CLOCK GENES IN NEPHROTIC RATS
Peipei Chen, Beijing, China

MO019
INCRETIN EFFECT IS REDUCED IN END-STAGE RENAL DISEASE
Morten Jørgensen, Copenhagen, Denmark

MO025
ARTERIAL GENE EXPRESSION SIGNATURES FOR SIRTUINS AND KLOTHO ASSOCIATE WITH BIOPSY VERIFIED ARTERIAL CALCIFICATION IN END-STAGE RENAL DISEASE
Anna Witasp, Huddinge, Sweden

MO031
APOLIPOPROTEIN C3 INDUCES SYSTEMIC INFLAMMATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE BY ACTIVATING THE NALP3 INFLAMMASOME VIA A NOVEL MOLECULAR PATHWAY
Thimoteus Speer, Homburg/Saar, Germany

MO038
EFFECTIVENESS OF CORTICOSTEROID THERAPY FOR PATIENTS WITH CKD G3-4 IGA NEPHROPATHY: A MULTICENTER, LARGE SCALE, LONG-TERM OBSERVATION COHORT STUDY
Ryoya Tsunoda, Tsukuba, Japan

MO043
FACTORS EXCLUDING RENAL ARTERY STENOSIS IN CHILDREN WITH HYPERTENSION
Marta Gracia, Lleida, Spain

MO044
DO WE HAVE EVIDENCE FOR BONE AND MINERAL METABOLISM ALTERATIONS IN CHILDREN WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE?
Stéphanie De Rechter, Leuven, Belgium

MO048
DEVELOPING CORE VASCULAR ACCESS OUTCOMES FOR TRIALS IN HEMODIALYSIS: AN INTERNATIONAL MULTISTAKEHOLDER SURVEY
Andrea Viecelli, Brisbane, Australia

MO053
REDUCTIONS IN MICRO RNA-145 NOT ONLY AGGRAVATE HIGH-PHOSPHORUS-DRIVEN CALCIFICATION IN ADVANCED CKD STAGES BUT ALSO COMPROMISE VASCULAR HEALTH IN EARLY UREMIA
Natalia Carrillo-López, Oviedo, Spain
ALANYLGLUTAMINE ATTENUATES CELLULAR INJURY AND ENHANCES CYTOPROTECTIVE RESPONSES IN ENDOTHELIAL CELLS FOLLOWING EXPOSURE TO PERITONEAL DIALYSIS FLUIDS
Klaus Kratochwill, Vienna, Austria

EVALUATION OF A GENETIC RISK SCORE BASED ON CREATININE ESTIMATED EGFR AND ITS ASSOCIATION WITH KIDNEY OUTCOMES
Chris Thio, Groningen, The Netherlands

NPHPI DELETIONS CAUSE ESRD IN 0.9% OF ADULT-ONSET CASES
R. Snoek, Utrecht, The Netherlands

PROTEIN O−GLCNACYLATION REGULATES MITOCHONDRIAL FUNCTION AND ALBUMIN REABSORPTION IN PROXIMAL TUBULAR CELLS. O−GLCNACYLATION REGULATES MITOCHONDRIAL FUNCTION AND ALBUMIN REABSORPTION IN PROXIMAL TUBULAR CELLS
Sho Sugahara, Otsu, Japan

ANTI-HISTONE IGG ATTENUATES CKD UPON AKI RELATED TO POSTISCHEMIC TUBULAR NECROSIS IN MICE
Alexander Holderied, Munich, Germany

C5AR2 DEFFICIENCY ATTENUATES RENAL IRI VIA IL-10 DEPENDENT MECHANISMS
Anja Thorenz, Hannover, Germany

ENZYMATIC DIGESTION OF THE ENDOTHELIAL GLYCOCALYX IS REGULATED BY THE TIE2 RECEPTOR AND ITS LIGANDS ANGIPOIETIN-1 AND -2
Alexander Lukasz, Münster, Germany

SELF-REPORTED PHYSICAL FUNCTION PREDICTS ALL-CAUSE MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Amy Clarke, Leicester, United Kingdom

SNF472 A NOVEL INHIBITOR OF VASCULAR CALCIFICATION COULD BE ADMINISTERED DURING HEMODIALYSIS TO ATTAIN POTENTIALLY THERAPEUTIC PHYTATE LEVELS
Miguel Ferrer, Palma, Spain

CONTEXTUAL FACTORS RELATED TO FINE-SCALE GEOGRAPHIC VARIATIONS OF RENAL REPLACEMENT THERAPY (RRT) INCIDENCE IN NORTH-EASTERN FRANCE
Maxime Desmarets, Besancon, France
MP756
EVALUATION OF THE ONE YEAR FOLLOW UP OF DIALYSIS PTS BY RAPID NEUROPSYCHOLOGICAL SCREENING BATTERY

Ornella Gambero, Vicenza, Italy

MP823
MANAGEMENT OF CHILDREN WITH CONGENITAL NEPHROTIC SYNDROME - LESSONS FROM AN ESPN SURVEY

Stephanie Dufek, London, United Kingdom

MP829
EFFECT OF NONSTEROIDAL ANTI-INFLAMMATORY DRUGS IN CHILDREN WITH BARTTER SYNDROME

Julien Hogan, Paris, France

MP831
ANALYSIS OF A NATIONAL DATASET: SINGLE KIDNEY TRANSPLANT OUTCOMES IN PAEDIATRIC DONORS TO ADULT RECIPIENTS

Imogen Chappelow, Birmingham, United Kingdom

TO016
CLINICAL PHARMACOKINETICS OF SOFOSBUVIR AND DACLATASVIR IN KIDNEY TRANSPLANT RECIPIENTS

Eva Schrezenmeier, Berlin, Germany

TO033
VERY EARLY-ONSET Autosomal Dominant Polycystic Kidney Disease Due To Bi-Allelic Mutations in PKD1 AND PKD2

Jiehan Chong, Sheffield, United Kingdom

TO036
LOSS OF RENAL RESERVE CAPACITY IS NOT AN EARLY PHENOMENON IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE

A. Lianne Messchendorp, Groningen, The Netherlands

TO044
SOLUBLE NOGO-B AMELIORATES DIABETIC GLOMERULOPATHY

Carlo Alberto Ricciardi, Messina, Italy

TO046
THE ROLE OF THE SIGMA-1 RECEPTOR ACTIVATION IN THE DEVELOPMENT OF DIABETIC NEPHROPATHY AND COMORBID DEPRESSION

Lilla Lenart, Budapest, Hungary
ASQ Travel Grants

ASQ (Altruistic Support by Questionnaire) is an initiative of the ERA-EDTA meant to help young doctors living in low income countries to attend the Congress in Madrid. This grant is meant to cover travel and accommodation expenses; all winners also receive a free congress membership. Be sure to help and support this initiative, which is based on the number of replies received to the survey sent to all registered congress members after the event: for each 100 replies ERA-EDTA will support one ASQ grant. So don’t forget to fill in the questionnaire!

SO016
URINARY PEPTIDE BIOMARKER PANEL ASSOCIATED WITH IMPROVEMENT IN eGFR IN CKD PATIENTS
Katerina Markoska, Skopje, F.Y.R. of Macedonia

SP162
HYDROXYCHLOROQUINE ATTENUATES RENAL ISCHEMIA REPERFUSION INJURY BY INHIBITING CATHEPSIN MEDIATED NLRP3 INFLAMMASOME ACTIVATION
Taotao Tang, Nanjing, China

MO042
PGLYCPROTEIN AND MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN1 ON DIFFERENT TCELL SUBSETS IN IDIOPATHIC NEPHROTIC SYNDROME IN CHILDREN
Harshit Singh, Lucknow, India

MO046
FETUIN-A GENE POLYMORPHISM IS ASSOCIATED WITH INCREASED CAROTID INTIMA MEDIA THICKNESS IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Abdullahi Mudi, Johannesburg, South Africa

Best Abstracts on Geriatric Nephrology presented by Young Authors

Thanks to a generous grant from the International Society of Geriatric Nephrology and Urology (ISGNU), meant to honour the memory of Prof. Dimitrious G. Oreopoulos, ERA-EDTA will give two travel grants of EUR 750, free congress membership and a diploma to the best abstracts on geriatric nephrology submitted by young authors.

SP668
ASSOCIATION BETWEEN NUTRITIONAL MARKERS AND MORTALITY IN ELDERLY ON HEMODIALYSIS
Juliana Rodrigues, Rio de Janeiro, Brazil

SP727
VERY HIGH KDPI KIDNEYS IN ELDERLY TRANSPLANT RECIPIENTS - NO NEED TO DISCARD
Fabian Halleck, Berlin, Germany
ERA-EDTA Membership Office
You will find the ERA-EDTA Membership Office in the Registration Area of the IFEMA Feria de Madrid (North Congress Center). It is possible to pay membership fees and become a new ERA-EDTA member. The Membership Office desk follows the same times of the Registration desks: please note that the desk will be closed from 8:30 to 11:00 hrs on June 5, 2017 due to the General Assembly.
You can also apply as a new member and pay your membership fee with credit card directly online by clicking on www.era-edta.org and then on the sidebar “Membership”, then “Become a Member”.

How to vote for the new Ordinary Council Members
Voting is only available electronically from May 5, 2017 to 09:30 hrs on June 5, 2017 and can be accessed by visiting the ERA-EDTA website. (www.era-edta.org, section “About ERA-EDTA”, then click on “Council Candidates 2017”).

Voting onsite in Madrid will also be possible. The voting station, located next to the ERA-EDTA Membership Office, in the Registration Area, will be open on June 3 and 4, 2017 (during the opening hours of the Registration Desks). On June 5, 2017 the voting station will close at 09:00. Voting will also be possible immediately before the start of the General Assembly, which will take place from 9:30 to 10:45 on Monday June 5, 2017 in “Hall N117-118”, Level 1 of the IFEMA Feria de Madrid (North Congress Center).
A valid identification document (ie passport or national identity card) of the full member who wishes to vote must be shown in order to receive the voting credentials, should a member no longer remember them. Voting by proxy is NOT possible.

Candidates for Ordinary Council Membership (in alphabetical order according to last name):

- Peter Blankestijn (The Netherlands)
- Annette Bruchfeld (Sweden)
- Dimitrios Goumenos (Greece)
- Hans-Peter Marti (Switzerland)
- Alexander Rosenkranz (Austria)
- Talia Weinstein (Israel)

A short curriculum for each candidate will be on display at the voting station and is also on the ERA-EDTA’s website (www.era-edta.org, section “About ERA-EDTA”, then click on “Council Candidates 2017”).

General Assembly 2017
All ERA-EDTA members are invited to participate in the above mentioned annual meeting. Access is open to current members only: please have your ERA-EDTA membership card
Congress Information

with you to allow access to the meeting (access to the meeting room will be monitored).
Full ERA-EDTA members have voice and vote during the meeting; Associate ERA-EDTA members have voice, but no vote. The 2017 meeting will take place on Monday June 5, 2017 in “Hall N117-118”, Level 1 of the IFEMA Feria de Madrid (North Congress Center).

Why should you become an ERA-EDTA member?
As a member you will become part of one of the most influential European Medical Associations! Check out all benefits:
• NDT (Nephrology Dialysis Transplantation) subscription, including exclusive access to the archives.
• Exclusive live streaming sessions during ERA-EDTA Annual Congress.
• Unlimited access to ERA-EDTA Congress E-materials, to all ERA-EDTA members who participate at the Congress; 30 E-material sessions to members who do not participate.
• Exclusive access to special content on ENP (i.e. CME courses slides, ERA-EDTA Dialogue).
• Possibility to organize ERA-EDTA sponsored CME courses.
• Active participation in the decision making policies of the Association.
• Special discounted congress membership fees at the annual congress.
• Special discounts (35%! ) on the costs of Oxford University Press (OUP) books.
• Participation in the Young Nephrologists’ Platform (YNP), if you are less than 40 years old.
• Take advantage of special membership fees for low income countries.
• Exclusive free access to EuroPD videos.

Go and check out all the latest initiatives of the ERA-EDTA (including educational activities, grants, etc ) on our website www.era-edta.org:
1. Membership information
2. Directory of all ERA-EDTA members
3. Annual ERA-EDTA Congresses
4. NDT and CKJ Journals (the latter, now open access)
5. ERA-EDTA Fellowship Programme
6. ERA-EDTA Grants
7. ERA-EDTA Research Programme
8. European Renal Best Practice (ERBP)
9. ERA-EDTA CME Courses
10. ERA-EDTA Registry
11. NDT-Educational
12. ComIA
13. European National Societies
14. ERA-EDTA Working Groups
15. ERA-EDTA Endorsed Working Groups
16. ERA-EDTA Sessions at other National/International Congresses
17. ERA-EDTA Young Nephrologists’ Platform and their new initiatives

To find out more about the ERA-EDTA (more advantages, educational initiatives, CME Courses, grants, etc.) visit the society’s homepage www.era-edta.org

Fast track to become an ERA-EDTA member
MEDIA REGISTRATION

Pre-registered journalists can pick up their press passes at the press office, room A9.14. The press pass provides access to all the sessions and symposia at this congress. For onsite registration, media representatives are similarly requested to come to the press room. The following identification will be required: press identification/press card and a letter of assignment from the news organization being represented.

Please note: public relations personnel and exhibitors cannot register as Press!

PRESS ROOM

ERA-EDTA will be providing a fully-equipped press room (WiFi/printer) in room PRESS A9.14. Press folders and other materials will be available.

Opening hours:
Saturday, June 3 08:30-18:00
Sunday, June 4 07:30-18:00
Monday, June 5 07:30-18:00
Tuesday, June 6 07:30-14:00

OFFICIAL HASHTAG

The official hashtag of the 54th ERA-EDTA Congress is #eraedta17.

ERA-EDTA PRESS EVENTS

“Pre-Congress” Press Event/Opening Press Conference
Thursday, June 1, 11.00 am
Jiménez Díaz
Escuela de Enfermería. Edificio de Investigación. 5ª planta. Ascensores verdes School of Nursing. Investigation Building. 5th floor. Green elevators
Avenida de los Reyes Católicos 2
28040 Madrid

This opening press conference, held in Spanish (and mainly aimed at Spanish media), will highlight the importance of prevention and early detection of chronic kidney disease.

SCIENTIFIC PRESS CONFERENCE

Sunday, June 4, 9.30-10.30 am
Room N112, Level 1 of the IFEMA Feria de Madrid (North Congress Center).
A selection of the “Late Breaking Clinical Trials” (LBCT) and of papers published in top medical journals at the time of the congress will be presented by their authors and will be discussed.

Please note that the embargo of the LBCT is lifted when presentation of the paper commences in the LBCT session of the main programme – but not at the press conference itself.

EMBARGO POLICY

All abstracts presented at the ERA-EDTA are embargoed until the date and time of their presentation. The embargo is lifted at the beginning of the presentation, not at the beginning of the session!

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email: press@era-edta.org
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- Take advantage of special membership fees for low income countries.
- Exclusive free access to EuroPD videos.
Oxford University Press Book Club

Exclusive 35% discount for ERA-EDTA members

Visit https://global.oup.com/academic/promo/webera04
MADRID GENERAL INFORMATION

Madrid is the capital of Spain, a modern metropolitan city considered to be the economical and industrial centre of Spain, also thanks to its location in the centre of the Iberian Peninsula. Narrow, cobbled streets leading to bustling squares and breath-taking historical architecture hidden around every corner maintain the city’s quaint and Spanish vibe, yet its new metropolitan infrastructure and modern enhancements really represent Madrid’s present, and future, as Spain’s most important city. Madrid is also one of the greenest cities in Spain: its network of parks and tree-lined avenues make it a great city for running or simply to spend a day outside. Did we forget to mention that it has been considered as the second safest European capital? Madrid really has it all!

Vibrant City
Cutting-edge facilities, devoted professionals and modern infrastructures: Madrid is much more than the political and financial capital of Spain. Filled with charming sidewalk cafés, restaurants, vanguard bars and nightclubs, Madrid is surely the city that never sleeps. The capital may have more bars than any other city on earth that together with festivals or annual events, provide you with a vast choice on what to do during your evenings. Madrid is also one of the most open cities on earth and it doesn’t matter where you are from for the often heard phrase to ring true: ‘If you’re in Madrid, you’re from Madrid’.

Cultural City
Madrid has nearly one hundred museums and more than two thousand historical and artistic monuments that witness the presence and achievements of all the peoples who made history here in the capital. For centuries, Spanish royals showered praise and riches upon the finest artists of the day, from home-grown talents such as Goya and Velázquez to Flemish and Italian giants. The city has a lot to offer in terms of cultural experience: among the major museums, there are the Museo del Prado (with almost 10,000 works of art housed here), Centro de Arte Reina Sofía and Museo Thyssen-Bornemisza.

Congress City
Madrid is in the top 5 cities hosting most congresses in the world – for the fourth consecutive year – and the top congress destination in Spain, with 7.5% more events than in 2013. This past year, the capital held 14,282 meetings among which 2,236 congresses and 3,860 conventions, leading to 1,121,225 participants coming to Madrid for business.

TRAVEL IN MADRID
Madrid has some of the most thorough and least expensive public transit in Europe: buses and metro run regularly during the day and are a quick, convenient and cheap way to travel around the city.

By bus
EMT public buses run from approximately 06:00 to 23:00 hrs from Monday to Friday, whereas during weekends service begins around 07:00 until 23:00 hrs. Running times vary according to the bus route but the average frequency of the service is between 15 and 20 minutes in weekdays.

BUS/METRO Single tickets: EUR 1.50 - EUR 2.00;
BUS/METRO 10 Ticket pass: EUR 12.20 (Zone A).
Tickets can be purchased directly on the bus or at ticket offices/automatic tickets machines in each metro station.
Website: www.emtmadrid.es/index.aspx
By metro
Madrid’s underground system is the second largest European metro network (after London), with 293 km of lines and 300 stations that cover most of the city.
There are twelve lines that generally operate from 06:00 to 02:00 hrs Monday to Saturday, with reduced operating hours on Sundays.
BUS/METRO Single tickets: EUR 1.50 - EUR 2.00;
BUS/METRO 10 Ticket pass: EUR 12.20 (Zone A).
Tickets can be purchased at ticket offices/automatic tickets machines in each metro station.
Website: www.emtmadrid.es/index.aspx

By light train
An alternative to the bus or metro are RENFE Cercanias (suburban passenger service) that run from 05:00-06:00 to midnight (approx.) and offer frequent daily services to places of interest for tourists such as Alcalá de Henares, El Escorial and Aranjuez.
Single tickets: EUR 1.70.
Tickets can be purchased at ticket offices/automatic tickets machines in each station.

Shopping
From exclusive international boutiques to alternative outlets and traditional shops, when it comes to shopping options, Madrid has everything you may need. Opening hours are normally from 09:00-10:00 till 20:00-22:00 hrs. Most of the shops do not close over lunch, except for those far from the city centre that do close from 14:00 to 16:00-17:00 hrs. Each quarter has its own unique shops that differ in style and designs; main shopping areas are without any doubts Gran Vía, in the touristic area, and Serrano, for luxury shopping. Here, shops open even on Sunday and bank holidays.

Tourist Information
For info on sightseeing, tips for dining, shopping, cultural events please visit the official Madrid tourist guide www.esmadrid.com/en.
Once onsite, if you want to receive more information you can stop by the Official Tourist Center located in Plaza Mayor, 27 open Monday to Sunday from 09:30 to 20:30 hrs.
Next Congresses

ERA-EDTA Congress
Budapest, Hungary
May 23rd – 26th 2019

ERA-EDTA Congress
Copenhagen, Denmark
May 24th – 27th 2018

ERA-EDTA Congress
Budapest, Hungary
May 23rd – 26th 2019
### DAY AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Page</th>
</tr>
</thead>
</table>
| 08:30 - 11:45 | **IWG CME Course**  
News in the pathogenesis and treatment of glomerular disease | 43   |
|            | **EURECA-m WG CME Course**  
Novel therapeutic opportunities to decrease cardiovascular risk in CKD | 44   |
|            | **DESCARTES WG CME Course**  
Hot topics in the management of pre- and post- kidney transplantation | 45   |
|            | **EUDIAL WG CME Course**  
Improving the outcome of dialysis | 46   |
|            | **ERA-EDTA Registry**  
Cross-talk in renal epidemiology | 47   |
|            | **DIABESITY WG CME Course**  
Diabetes and obesity in renal disease | 49   |
|            | **ERN WG CME Course**  
Phosphate and nutrition in CKD | 50   |
|            | **EUTox WG CME Course**  
The new uraemic toxins and innovative endeavors to treat uraemic toxicity | 51   |
|            | **WGIKD CME Course**  
Diagnosis and management of inherited kidney diseases: what’s new? | 52   |
| 08:30 - 10:30 | **ERBP CME Course**  
Good guidance can save your patient | 48   |
| 10:45 - 11:45 | **Interactive Workshop**  
Difficult patient or wrong communication? | 53   |
| 12:00 - 15:15 | **CME Course**  
Rheumatology for nephrologists | 54   |
|            | **CKD-MBD WG CME Course**  
Implementation of the KDIGO update on CKD-MBD | 55   |
|            | **CME Courses**  
Oncology for nephrologists | 56   |
|            | **Curso de nefrologia (Nephrology Course in Spanish)** | 57   |
| 12:00 - 14:00 | **CME Courses**  
Practical issues in vascular access care | 59   |
|            | **What adult nephrologists should know about childhood-onset kidney disorders** | 60   |
|            | **Variation in pre-dialysis nephrology care** | 60   |
|            | **Geriatrics and rehabilitation of CKD patients – what should the nephrologist know?** | 61   |
|            | **ERA-EDTA & UEMS CME Course**  
Education in nephrology in Europe: past, present and future | 62   |
| 13:00 - 15:30 | **Special Session ERA-EDTA & EMA**  
Development of therapies for kidney diseases – A framework of Regulatory Agency, Academia and Industry | 63   |
14:15 - 16:15 **Interactive Workshop**
Shared decision making with patients: opportunities and pitfalls 64

14:15 - 16:15 **CME Course**
Emerging global causes of chronic kidney disease 65
**EuroPD CME Course**
State of the art in Peritoneal Dialysis in 2017 65
**CME Courses**
Quality of life in people with kidney disease 66
Ethical matters 66

17:00 - 18:30 **Welcome Ceremony** 67

**Plenary Lecture Juan Carlos Izpisua Belmonte**
New approaches towards kidney regeneration

18:30 - 20:00 **Welcome Cocktail in the Exhibition**
IWG
(Immunonephrology Working Group)

News in the pathogenesis and treatment of glomerular disease

Part I
Complement mediated diseases: pathogenesis, new entities, upcoming treatments, how to handle expensive drugs

Chairs: Yasar Caliskan, Istanbul, Turkey
Mohamed R. Daha, Leiden, The Netherlands

Complement activation in immune-mediated glomerular disease
Mohamed R. Daha, Leiden, The Netherlands

Complement staining in kidney biopsy (C3, C4, C5b-9)
Pablo Cannata-Ortiz, Madrid, Spain

Complement in ANCA-associated Vasculitis - new therapeutic target?
Annette Bruchfeld, Stockholm, Sweden

Complement activation in IgA nephropathy, membranous nephropathy and FSGS
Yasar Caliskan, Istanbul, Turkey

Targeting complement in atypical hemolytic uremic syndrome and C3 glomerulopathy
Giuseppe Remuzzi, Bergamo, Italy

Part II
Individualized (personalized) treatment of glomerular disease – is it already possible?

Chairs: Mårten Segelmark, Linköping, Sweden
Jack F.M. Wetzels, Nijmegen, The Netherlands

Personalized immunomonitoring and treatment in lupus nephritis
Hans-Joachim Anders, Munich, Germany

Personalized monitoring and treatment in membranous nephropathy
Jack F.M. Wetzels, Nijmegen, The Netherlands

Personalized approach to IgA nephropathy, is supportive care the response for most patients?
Renato Monteiro, Paris, France

Personalized treatment in ANCA-associated vasculitis
Mårten Segelmark, Linköping, Sweden

Hematuria in glomerular disease – is it important for the outcome of the patients?
Jesus Egido, Madrid, Spain
Novel therapeutic opportunities to decrease cardiovascular risk in CKD

Part I
Novel risk factors and structural cardiovascular damage

Chairs: Gérard London, Fleury-Mérogis, France
Alberto Ortiz, Madrid, Spain

Chronic infections and cardiovascular risk: a poorly understood link
Charles Ferro, Birmingham, United Kingdom

Atrial fibrillation in CKD
Gunnar Heine, Homburg/Saar, Germany

Novel faces of FGF23; iron deficiency, inflammation, insulin resistance, proteinuria and acute kidney injury
Alberto Ortiz, Madrid, Spain

Vascular calcifications in end stage kidney disease
Marianne Verhaar, Utrecht, The Netherlands

Part II
Ions and blood pressure

Chairs: Raymond Vanholder, Ghent, Belgium
Chair to be confirmed

Cardiovascular risk in CKD: novel insights from the NEFRONA and ILERVAS studies
José M. Valdivielso, Lleida, Spain

Early Vascular Aging (EVA syndrome) in CKD/ESRD
Gérard London, Fleury-Mérogis, France

Blood pressure variability in patients with chronic kidney disease
Pantelis A. Sarafidis, Thessaloniki, Greece

ABPM in renal transplant patients: for everybody and why?
Francesca Mallamaci, Reggio Calabria, Italy
HALL N 101-102

CME COURSE 3

DESCARTES Working Group
(Developing Education Science and Care for Renal Transplantation in European States)

In collaboration with EKITA, the Organ Expert Section of ESOT on kidney transplantation in Europe

Hot topics in the management of pre- and post- kidney transplantation

Part I

Chairs: Marta Crespo Barrio, Barcelona, Spain
        Rainer Oberbauer, Vienna, Austria

Survival with transplantation and dialysis - implications for access to the waiting list?
Gabriel C. Oniscu, Edinburgh, United Kingdom

You and your patient decide: take an old kidney or remain on dialysis
Julio Pascual, Barcelona, Spain

Pre-Transplant cardiac work-up before wait-listing – What’s in it for the individual patient
Patrick Mark, Glasgow, United Kingdom

When and how to adjust immunosuppression in post-transplant malignancy
Paul Harden, Oxford, United Kingdom

Part II

Chairs: Uwe Heemann, Munich, Germany
        Luuk Hilbrands, Nijmegen, The Netherlands

Treatment of recurrent IgA nephropathy after kidney transplantation
Giuseppe Grandaliano, Foggia, Italy

Managing drug interactions with new drugs in transplant recipients: practical recommendations for nephrologists
Umberto Maggiore, Parma, Italy

How to desensitize HLA incompatible kidney transplant recipients
Lionel Rostaing, Grenoble, France
CME COURSE 4

EUDIAL Working Group
(European Dialysis)

Improving the outcome of dialysis

Part I

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
Rukshana Shroff, London, United Kingdom

Starting haemodialysis - an incremental approach
Carlo Basile, Acquaviva delle Fonti, Italy

Dialysis adequacy does everyone need the same Kt/V
Andrew Davenport, London, United Kingdom

Assessing volume in haemodialysis patients are lung ultrasound and bioimpedance needed
Sandip Mitra, Manchester, United Kingdom

Part II

Chairs: Carlo Basile, Acquaviva delle Fonti, Italy
Andrew Davenport, London, United Kingdom

Fluid control on HDF – data from the HDF vs HD study in children
Rukshana Shroff, London, United Kingdom

Debate

Haemodiafiltration has no advantage over high flux haemodialysis
Steven Van Laecke, Ghent, Belgium

High volume haemodiafiltration, the new standard of treatment
Peter J. Blankestijn, Utrecht, The Netherlands
HALL 10.B

CME COURSE 5

ERA-EDTA Registry

*Cross-talk in renal epidemiology*

Chairs: Friedo W. Dekker, Leiden, The Netherlands
       Vianda Stel, Amsterdam, The Netherlands

Sample size calculations
**Marlies Noordzij**, Amsterdam, The Netherlands

The contribution of cross sectional studies to nephrology
**Giovanni Luigi Tripepi**, Reggio Calabria, Italy

A joint model to describe CKD progression and mortality in CKD patients: a practical guide
**Katharina Brück**, Amsterdam, The Netherlands

Restricted mean survival time: an alternative to the hazard ratio
**Cécile Couchoud**, Saint Denis La Plaine, France

The importance of considering competing treatment affecting prognosis in RCTs
**Marijn Hazelbag**, Utrecht, The Netherlands

Marginal structural models in clinical research: when and how to use them
**Pietro Ravani**, Calgary, Canada

Can we use routine primary care data to estimate how many people with CKD there are?
An example using UK primary care data
**Dorothea Nitsch**, London, United Kingdom
CME COURSE 6

ERBP
(European Renal Best Practice)

Good guidance can save your patient

Chairs: Maria Haller, Linz, Austria
       Wim Van Biesen, Ghent, Belgium

Selected topics from the ERBP Vascular Access Guideline
Markus Hollenbeck, Bottrop, Germany

Risk prediction models for elderly people with Chronic Kidney Disease: a risky business?
Maarten Taal, Derby, United Kingdom

Reading a systematic review: a hands-on experience
Maria Haller, Linz, Austria

Why good guidance can save lives - or make them better
Evi Nagler, Ghent, Belgium
HALL N 107-108

CME COURSE 7

DIABESITY
(Working Group researching on the nephrological impact in relation to diabetes and obesity)

Diabetes and obesity in renal disease

Chairs: Josep M. Cruzado, Barcelona, Spain
        Mads Hornum, Copenhagen, Denmark

Hemodialysis or peritoneal dialysis treatment for obese diabetic patients?
Robert Ekart, Maribor, Slovenia

SGLT2 inhibitors for diabetic renal disease and obesity: a new weapon in our pharmacological armamentarium?
Christoph Wanner, Würzburg, Germany

Reducing weight to slow GFR decline in patients with obesity and diabetes: The CRESO study
Piero Ruggenenti, Bergamo, Italy

Precision medicine in diabetic nephropathy in obesity - time rethink treatment?
Peter Rossing, Gentofte, Denmark

How can obesity-related nephropathy be identified in clinical practice?
Manuel Praga, Madrid, Spain

Renal histology in patients with type 2 diabetes without proteinuria
Esteban Porrini, La Laguna, Spain
ERN (European Renal Nutrition Working Group)

**Phosphate and nutrition in CKD**

**Chairs:** Philippe Chauveau, Gradignan, France
Pablo Molina, Valencia, Spain

Intestinal phosphate absorption from nutrients
**Pablo Antonio Ureña Torres**, Saint-Ouen, France

Lowering phosphate intake without PEW: is it possible during CKD, dialysis and transplantation?
**Pieter M. Ter Wee**, Amsterdam, The Netherlands

Phosphorus additive in food: a health risk for CKD patients
**Adamasco Cupisti**, Pisa, Italy

Strategies to harness control of phosphate: putting the patient at the centre
**Katrina Campbell**, Robina, Australia

Lowering phosphate intake through nutritional education programs
**Stanislas Trolonge**, Gradignan, France

Mediterranean diet: an optimal diet for CKD patients?
**Miguel Ángel Martinez-González**, Pamplona, Spain
EUTox Working Group  
(European Uremic Toxin)

The new uraemic toxins and innovative endeavors to treat uraemic toxicity

Chairs: Àngel Argilés, Montpellier, France  
Vera Jankowski, Aachen, Germany

An update on uremic toxins: concepts and novelties  
**Flore Duranton**, Montpellier, France

Lanthionine, a prospective novel uremic toxin, in the context of sulfur metabolism derangement in uremia  
**Alessandra Perna**, Naples, Italy

Aryl hydrocarbon receptor (AHR) and the uremic toxins  
**Stéphane Burtey**, Marseille, France

Can we dominate and master renal cells to remove uraemic toxins on request?  
**Rosalinde Masereeuw**, Utrecht, The Netherlands

Using convection at its best to increase uraemic toxin removal  
Àngel Argilés, Montpellier, France

Dissociating protein bound toxins to remove them  
**Joachim Jankowski**, Aachen, Germany

Adsorptive strategies to remove uraemic toxins  
**Tobias Beck**, Aachen, Germany
Diagnosis and management of inherited kidney diseases: What’s new?

Chairs: Nine V.A.M. Knoers, Utrecht, The Netherlands  
Franz Schaefer, Heidelberg, Germany

Part I

Collagen IV glomerulopathies: an underdiagnosed phenotypic chameleon?  
Constantinos Deltas, Nicosia, Cyprus

Alport Syndrome: a treatable hereditary kidney disease  
Oliver Gross, Göttingen, Germany

NGS podocytopathy panel screening in adults with CKD of unknown origin: findings from the GCKD Study  
Anna Koettgen, Freiburg, Germany

Part II

C3 glomerulopathy: role of complement for pathogenesis and treatment  
Marina Vivarelli, Rome, Italy

Advances in molecular understanding of cystinosis: implications for therapy  
Corinne Antignac, Paris, France

Preimplantation genetic diagnosis for inherited renal diseases  
Nine V.A.M. Knoers, Utrecht, The Netherlands

The European Reference Network for Rare Kidney Diseases  
Franz Schaefer, Heidelberg, Germany
INTERACTIVE WORKSHOP

Difficult patient or wrong communication?

In this interactive workshop, various techniques to improve the communication with the patients can be learnt. The innovative thing about this session: the knowledge is not transported in a “dry” lecture-style, but acted out right before your eyes, to enhance learning experience and content retention. Two professional actors will play various scenarios, typical scenes of a nephrologist’s everyday-life, in which the patient-doctor-communication can be sub-optimal. After the negative example has been acted out, Professor Wim Van Biesen will give a short analysis, in which the audience will be involved, why the communication was poor and what could be done to improve it. Then, the actors will give a positive example of the same situation, in which the communication is done in a more effective style.

The first session will focus on communication in general. The second session in the afternoon will focus on shared decision making, especially on how you can enable a patient to make a (therapeutic) decision.
Welcome and introduction
Hans-Joachim Anders, Munich, Germany
Frédéric A. Houssiau, Brussels, Belgium

My CKD patient has joint or back pain: A diagnostic primer for nephrologists
Julio Pascual, Barcelona, Spain

Interdisciplinary management of tubulointerstitial nephritis and uveitis (TINU) syndrome
Philip Bielefeld, Dijon, France

Bacterial microbiota in ANCA Vasculitis: clinical implications on the good, bad, and ugly
Andreas Kronbichler, Innsbruck, Austria

Autoinflammatory diseases – an update for nephrologists
Birgit Kortus-Götze, Marburg, Germany

Antiphospholipid antibody syndrome: a catastrophic disease?
Ricard Cervera, Barcelona, Spain

Lupus: the ten top tips nephrologists must know
Frédéric A. Houssiau, Brussels, Belgium
HALL N 103-104

CME COURSE 12

CKD-MBD
(Working Group on Chronic Kidney Disease – Mineral and Bone Disorders)

Implementation of the KDIGO update on CKD-MBD

Part I

Chairs: Pieter Evenepoel, Leuven, Belgium
       Ziad Massy, Paris, France

Should the presence of vascular calcification influence choice of phosphate binder?
Jordi Bover, Barcelona, Spain

Phosphate binder therapy in predialysis? When and how?
Adrian Covic, Iasi, Romania

Current insights into dietary intervention to modulate phosphate concentration and balance
Vincent Brandenburg, Aachen, Germany

Part II

Chairs: David Goldsmith, London, United Kingdom
       Marc Vervloet, Amsterdam, The Netherlands

Screening for fracture risk in CKD
Pablo Antonio Ureña Torres, Saint-Ouen, France

Position in CKD of novel compounds to treat bone disease
Sandro Mazzaferro, Rome, Italy

Any position left for active vitamin D?
Mario Cozzolino, Milan, Italy

Invited Lecture
Update on CKD-MBD in Pediatrics
Rukshana Shroff, London, United Kingdom
HALL N 101-102       12:00 - 15:15

CME COURSE 13

Oncology for nephrologists

Part I

Chairs: Jolanta Malyszko, Bialystok, Poland
Petra Tesarova, Prague, Czech Republic

Cytotoxic drugs and their effects on the kidney
Ben Sprangers, Leuven, Belgium

Cancer in native or transplanted kidney, what makes the difference?
Alicja Debska-Slizien, Gdansk, Poland

Targeted therapies in oncology and nephrotoxicity
Petra Tesarova, Prague, Czech Republic

Challenging but helpful Nephrology consults in the oncology ward
Jolanta Malyszko, Bialystok, Poland

Part II

Chairs: Jolanta Malyszko, Bialystok, Poland
Elena Zakharova, Moscow, Russia

Dialysis and malignancy - a growing problem
Maria Pippias, Amsterdam, The Netherlands

Patient with prior malignancy on the waiting list for transplantation
Bruno Watschinger, Vienna, Austria

From “primary” amyloidosis to monoclonal gammopathy of renal significance - holistic approach to plasma cell dyscrasias
Elena Zakharova, Moscow, Russia

Oncology drugs in patients with CKD - a real challenge
Jan T. Kielstein, Braunschweig, Germany
Curso de Nefrología
(Nephrology Course in Spanish)

In collaboration with Sociedad Española de Nefrología

Mesa I
Introducción al curso y epidemiología de la Enfermedad Renal Crónica (ERC) en Iberoamérica

Moderadores: Ricardo Correa-Rotter, Ciudad de México, México
Maria Dolores Del Pino Y Pino, Almería, España

Introducción al Curso
Maria Dolores Del Pino Y Pino, Almería, España

Epidemiología de la ERC en Iberoamérica:
- La realidad de Latinoamérica. ¿De qué depende la heterogeneidad?
  Walter Guillermo Douthat, Cordoba, Argentina
- La realidad de España y Portugal: desafíos a corto plazo
  Roberto Alcazar Arroyo, Madrid, España

Discusión

Mesa II
Problemas en nefrología: envejecimiento, salud renal y reflexiones sobre el futuro de la especialidad

Moderadores: Walter Guillermo Douthat, Cordoba, Argentina
José Herrero, Madrid, España

Salud renal y economía: ¿Podemos aspirar a la sostenibilidad?
Angel Luis Martin De Francisco, Santander, España

Envejecimiento, senescencia celular y ERC. ¿Podríamos actuar?
Diego Rodriguez-Puyol, Alcalá De Henares, España

Futuro de la especialidad: ¿Qué dejar de hacer y en qué innovar?
J. Mariano Rodriguez Portillo, Cordoba, España

Discusión
Mesa III
Guías de práctica clínica y cuestiones emergentes en nefrología

Moderadores: Anibal Ferreira, Lisboa, Portugal
Manuel Macía, Santa Cruz de Tenerife, Spain

CKD-MBD: ¿Correlacionan los marcadores bioquímicos con la histología ósea? La experiencia mundial K/DIGO
Ezequiel Bellorin-Font, Caracas, Venezuela

Enfermedad de Fabry: estudio PREFINE, un desafío necesario
José-Vicente Torregrosa, Barcelona, España

¿Qué aportan las nuevas guías españolas de accesos vasculares?
José Ibeas, Barcelona, España

¿Es frecuente la hipertensión pulmonar en hemodiálisis? Factores implicados
Juan M. López-Gómez, Madrid, España

Discusión

Cierre del curso
Maria Dolores Del Pino Y Pino, Almería, España
CME COURSE 15

Practical issues in vascular access care

Chairs: José Ibeas, Barcelona, Spain
        Maria Guedes Marques, Coimbra, Portugal

Vascular access stenosis: Steps in the diagnosis and management
Ramon Roca-Tey, Barcelona, Spain

Ultrasonography of the vascular access from theory to clinical practice
Simon Van Hooland, Ghent, Belgium

How to correct and avoid vascular access malposition
Maria Guedes Marques, Coimbra, Portugal

How to prevent and treat vascular access complications
José Ibeas, Barcelona, Spain

Central vein catheters in haemodialysis. How to improve its performance
Maurizio Gallieni, Milan, Italy
CME COURSE 16

**What adult nephrologists should know about childhood-onset kidney disorders**

Chair: Franz Schaefer, Heidelberg, Germany

Diagnosis, management and outcomes of congenital and inherited kidney diseases along the age continuum

Elke Wuehl, Heidelberg, Germany

Early management and long-term outcomes of childhood idiopathic nephrotic syndrome

Nicholas Webb, Manchester, United Kingdom

Structured transition of pediatric patients to adult care: challenges and opportunities

Lars Pape, Hannover, Germany

Resist the beginnings: preserving cardiovascular health in childhood-onset chronic kidney disease

Rukshana Shroff, London, United Kingdom

SALA COLON

CME COURSE 17

**Variation in pre-dialysis nephrology care**

Chairs: Marc E. De Broe, Antwerp, Belgium

Dick De Zeeuw, Groningen, The Netherlands

The changing pattern of kidney diseases at dialysis onset

Vianda Stel, Amsterdam, The Netherlands

Are we able to really slow progression in CKD?

Dick De Zeeuw, Groningen, The Netherlands

The most prevalent one: Can we better handle diabetics and delay dialysis?

Peter Rossing, Gentofte, Denmark

How to avoid over- and underdiagnosis of chronic kidney disease (CKD)

Marc E. De Broe, Antwerp, Belgium
SALA NEPTUNO

CME COURSE 18

Geriatrics and rehabilitation of CKD patients – what should the nephrologist know?

Chairs: Peter Barany, Stockholm, Sweden
Francesco Locatelli, Lecco, Italy

Polypharmacy in elderly population with CKD - how to deal with it
Aud Høieggen, Oslo, Norway

CKD in the elderly – a growing epidemic or just a matter of normal eGFR decline
Peter Barany, Stockholm, Sweden

Anemia management in the elderly CKD patient
Francesco Locatelli, Lecco, Italy

Dialysis in the elderly and frail patients
Angel Luis Martin De Francisco, Santander, Spain
CME COURSE 19

ERA-EDTA & Renal Section and Board of the UEMS

Education in nephrology in Europe: past, present and future

Chairs: Jorge B. Cannata-Andía, Oviedo, Spain
Sandor Sonkodi, Szeged, Hungary

Introduction: the UEMS and ERA-EDTA Alliance
Jorge B. Cannata-Andía, Oviedo, Spain

The current status of European Nephrology Education
Talia Weinstein, Tel Aviv, Israel

Knowledge-based examination in nephrology: the UK experience
Jonathan G. Fox, Glasgow, United Kingdom

Progressing training harmonisation. The “European Certificate in Nephrology”
David Lappin, Galway, Ireland

Recruiting high calibre fellows into nephrology: challenges and solutions
Nadine Vogelsang, Münster, Germany

Mapping future progress.
Panel and audience general discussion lead by Itzchak Slotki, Jerusalem, Israel and Anibal Ferreira, Lisbon, Portugal

HALL 10.B

SPECIAL SESSION ERA-EDTA & EMA (European Medicines Agency)

*Development of therapies for kidney diseases – A framework of Regulatory Agency, Academia and Industry*

Chair: **Markus Ketteler**, Coburg, Germany

Evaluation of medicines in the EU via centralised procedure and the role of EMA
**Andrea Taft**, EMA, London, United Kingdom

New medicines evaluation after licensing – benefits versus costs
**Jonathan G. Fox**, Glasgow, United Kingdom

Specific scientific issues related to clinical development in nephrology
**Romaldas Maciulaitis**, Kaunas, Lithuania

Chances and pitfalls in new drug developments in nephrology
**Christoph Wanner**, Würzburg, Germany

Challenges in new drug developments in nephrology – the Industry’s view
**Bastian Dehmel**, Amgen, Zug, Switzerland

Collaboration of EMA with Academia
**Ivana Silva**, EMA, London, United Kingdom
INTERACTIVE WORKSHOP

Shared decision making with patients: opportunities and pitfalls

In this interactive workshop, various techniques to improve the communication with the patients can be learnt.

The innovative thing about this session: the knowledge is not transported in a “dry” lecture-style, but acted out right before your eyes, to enhance learning experience and content retention. Two professional actors will play various scenarios, typical scenes of a nephrologist’s everyday-life, in which the patient-doctor-communication can be sub-optimal.

After the negative example has been acted out, Professor Wim Van Biesen will give a short analysis, in which the audience will be involved, why the communication was poor and what could be done to improve it. Then, the actors will give a positive example of the same situation, in which the communication is done in a more effective style.

This session will focus on shared decision making, especially on how you can enable a patient to make a (therapeutic) decision.
CME COURSE 20

**Emerging global causes of Chronic Kidney Disease**

Chairs: Peter Stenvinkel, Stockholm, Sweden  
Annika Wernerson, Stockholm, Sweden

Heat stress, climate change and kidney disease: an evolutionary perspective  
Richard J. Johnson, Denver, U.S.A.

Pathology of mesoamerican nephropathy  
Annika Wernerson, Stockholm, Sweden

Proton pump inhibitors and kidney disease  
Morgan Grams, Baltimore, U.S.A.

Drug abuse and renal disease  
Helga Gudmundsdottir, Oslo, Norway

CME COURSE 21

**ERA-EDTA & EuroPD**

**State of the art in Peritoneal Dialysis in 2017**

Chairs: Achim Joerres, Cologne, Germany  
Chair to be confirmed

Starting a patient on PD: troubleshooting the first 3 months  
Miguel Perez Fontan, La Coruña, Spain

Infectious problems in PD: from basic science to the bedside  
Martin Wilkie, Sheffield, United Kingdom

Basic science in PD: translation for clinicians (literature overview of major basic research in the last years)  
Achim Joerres, Cologne, Germany

Transitions in ESRD: room for improvement?  
Mark Lambie, Stoke-On-Trent, United Kingdom
CME COURSE 22

**Quality of life in people with kidney disease**

Chairs: Anna Mireia Marti Monros, Valencia, Spain  
Sabine van der Veer, Manchester, United Kingdom

What is quality of life, and how to measure it?  
**Friedo W. Dekker**, Leiden, The Netherlands

Ways to improve quality of life in clinical practice  
**Fergus Caskey**, Bristol, United Kingdom

The patient perspective on quality of life  
**Daniel Gallego-Azurro**, Torrent (Valencia), Spain

Using quality of life in benchmark initiatives  
**Francesca Tentori**, Ann Arbor, U.S.A.

CME COURSE 23

**Ethical matters**

Chairs: Netar Mallick, Manchester, United Kingdom  
Francesco Paolo Schena, Bari, Italy

Animal research ethics  
**Anna Olsson**, Porto, Portugal

The virtues of phase 3 CTIMPS: A virtue ethics analysis of the conduct of researchers and research ethics committees  
**David Carpenter**, Portsmouth, United Kingdom

Ethics of biobanking and use of biological samples  
**Gerjan Navis**, Groningen, The Netherlands

Ethics for the use of stem cell or manipulated human cells  
**Paola Romagnani**, Florence, Italy
WELCOME CEREMONY

HALL 10       17:00 - 18:30

Welcome address
Jorge B. Cannata-Andia, Congress President

Presidential address
Andrzej Więcek, ERA-EDTA President

Presentation of the ERA-EDTA Award for Outstanding Basic Science Contributions to Nephrology to Donscho Kerjaschki

Presentation of the ERA-EDTA Award for Outstanding Clinical Contributions to Nephrology to Giuseppe Remuzzi

Presentation of the ERA-EDTA Award for Outstanding Educational Contributions to Nephrology to Peter Stenvinkel

Presentation of the Award for Outstanding Contributions to ERA-EDTA to Jonathan G. Fox

Presentation of the Stanley Shaldon Award for Young Investigators to Albertien van Eerde

Presentation of the ERA-EDTA Honorary Membership to François Berthoux

Plenary Lecture

New approaches towards kidney regeneration
Juan Carlos Izpisua Belmonte, La Jolla, U.S.A.

Welcome Cocktail in the Exhibition

In order to be totally compliant with the European Federation of Pharmaceutical Industries and Associations (EFPIA) Code of Conduct, and thus allow pharmaceutical and medical industry to participate in and support our annual Congress, the ERA-EDTA cannot provide any kind of entertainment (music, etc.) during any of its sessions. This is also true with regard to being compliant with the European Union of Medical Specialists (UEMS) accreditation. As a result, the nature of the Welcome Ceremony has had to change accordingly, and this will be the case also for all future ERA-EDTA Congresses until, or unless, these rules alter.
DAY AT A GLANCE

08:00 - 09:30 Symposia
SGLT-2 inhibitors in diabetic kidney disease 71
Management of AKI patients in the ICU 71
Glomerulonephritis: what is new in 2017? 72
ERA-EDTA Registry 72
Cell biology in the renal tubule 73
The ugly new faces of old enemies - bacterial infections in nephrology 73

Free Communications + Mini Lectures
Imaging and hemodynamics 74
CKD rehabilitation and ageing 75
Renal transplantation experimental and immune-tolerance 76

10:45 - 11:30 Plenary Lecture Hiroki Ueda
Whole-body and whole-organ clearing and imaging 78

11:45 - 13:15 Symposia
Late breaking clinical trials 78
Management of complications after kidney transplantation (I) 79
Epidemiology and CKD-MBD 79
Use of home-based therapies in Europe - a missing link? 80
Renal mineral handling - what’s new? 80
Immunology and hypertension during pregnancy 81

Free Communications + Mini Lectures
Biomarkers 82
Drugs in CKD 83
Transplantation clinical I 85

13:15 - 15:15 Industry Symposia

15:15 - 16:45 Symposia
ASN Highlights 87
The Lancet/ERA-EDTA 87
Heart failure in Chronic Kidney Disease 88
Peritoneal dialysis and cardiovascular risk 88
Genetics of blood pressure regulation 89
Management of complications after kidney transplantation (II) 90

Free Communications + Mini Lectures
CKD-MBD in dialysis 91
Experimental nephrology I 93
AKI prevention and treatment 94
Epidemiology in dialysis I 96
**Symposia**

- Novel aspects of management of blood pressure in CKD 98
- Special conditions in the ICU requiring nephrological advice 98
- The uremic microbiota - Implications for the uremic phenotype and treatment 99
- NDT Polar Views. Risk prediction tools in stage 5 D CKD: precious instruments for risk stratification or just gadgets of electronic wizardry? 99
- Hemodialysis anticoagulation: present and future 100
- ERA EDTA & JSN 100

**Free Communications + Mini Lectures**

- Transplantation clinical II 101
- Uric acid and metabolic syndrome 103
- Epidemiology in dialysis II 104
- History of nephrology 106
HALL 10

Symposium 1

*SGLT-2 inhibitors in diabetic kidney disease*

Chairs: Alberto Martinez-Castelao, Barcelona, Spain
Roland E. Schmieder, Erlangen, Germany

SGLT-2: role in physiology and pathophysiology
Dominique Prié, Paris, France

SGLT2: renal cardiovascular pathophysiology
Luigi Gnudi, London, United Kingdom

SGLT-2 inhibition: clinical data
Christoph Wanner, Würzburg, Germany

SGLT-2 inhibition: effects on blood pressure
Roland E. Schmieder, Erlangen, Germany

HALL 10.A

Symposium 2

*Management of AKI patients in the ICU*

Chairs: Achim Joerres, Cologne, Germany
Manuel Macía, Santa Cruz de Tenerife, Spain

Blood pressure management in ICU patients with AKI
Gregorio A. Romero González, Bilbao, Spain

Diuretics in AKI - yes, no or maybe?
Fernando Liaño, Madrid, Spain

RRT in AKI: when, how and how much?
Claudio Ronco, Vicenza, Italy

Anticoagulation strategies for AKI patients requiring RRT
Achim Joerres, Cologne, Germany
Symposium 3

Glomerulonephritis: what is new in 2017?

Chairs: Rosanna Coppo, Turin, Italy
       Manuel Praga, Madrid, Spain

Membranous glomerulonephritis
Pierre Ronco, Paris, France

IgAN
Jürgen Floege, Aachen, Germany

Treatment of minimal change GN and FSGS
Piero Ruggenenti, Bergamo, Italy

Heparanase - is it nephroprotective in nephrotic syndrome?
Suheir Assady, Haifa, Israel

Symposium 4

ERA-EDTA Registry

Chairs: Kitty J. Jager, Amsterdam, The Netherlands
       Ziad Massy, Paris, France

Ten year trends of renal transplantation in recipients aged 75 years and older
Maria Pippias, Amsterdam, The Netherlands

Characteristics and outcomes of patients with systemic sclerosis (scleroderma) requiring RRT
Zdenka Hruskova, Prague, Czech Republic

Modification of the “long gap” phenomenon by hemodialysis treatment time
James Fotheringham, Sheffield, United Kingdom

Gender differences in advanced CKD
Kitty J. Jager, Amsterdam, The Netherlands

Recovery of renal function in paediatric RRT
Marjolein Bonthuis, Amsterdam, The Netherlands
Symposium 5

**Cell biology in the renal tubule**

Chairs: **Santiago Lamas**, Madrid, Spain  
**Laszlo Rosivall**, Budapest, Hungary

New developments on the inflammasome and IL-1  
**Hans-Joachim Anders**, Munich, Germany

Lipocalin 2 / NGAL: a player at the crossroad of different signalling pathways leading to CKD progression  
**Fabiola Terzi**, Paris, France

Endolysosomal disorders  
**Olivier Devuyst**, Zurich, Switzerland

Autophagy and senescence in proximal tubule  
**Roland Schmitt**, Hannover, Germany

Symposium 6

**The ugly new faces of old enemies - bacterial infections in nephrology**

Chairs: **Petar Kes**, Zagreb, Croatia  
**José M. Portolès**, Madrid, Spain

Bacteriemia and sepsis - relation to hemodialysis catheters  
**James Tattersall**, Leeds, United Kingdom

New aspects on PD-related peritonitis  
**Norbert H. Lameire**, Ghent, Belgium

Update on urinary tract infection and urosepsis for the Nephrologist  
**Jonathan G. Fox**, Glasgow, United Kingdom

“What’s the cause of those so ill? - that damned elusive difficile”. The emerging treat of Clostridium difficile infections  
**Marcin Adamczak**, Katowice, Poland
Free Communication Session 1 + Mini Lectures

Imaging and hemodynamics

Chairs: Jolanta Malyszko, Bialystok, Poland
Evgueniy S. Vazelov, Sofia, Bulgaria

Mini lecture
Altered circadian hemodynamic and renal function in liver cirrhosis
Rajiv Agarwal, Indianapolis, U.S.A.

FREE COMMUNICATIONS

SO001
RELATIVE BURDEN OF ATHEROMATOUS AND NON-ATHEROMATOUS CARDIOVASCULAR DISEASE IN CKD PATIENTS: IMPACT OF AGE
Cédric Villain1,2, Marie Metzger2, Christian Combe3,4, Denis Fouque5, Luc Frimat6, Christian Jacquelinet7, Maurice Laville5, Bruce M. Robinson8, Bénédicte Stengel2, Ziad Massy1,2, 1CHU Ambroise Paré, APHP, Service Néphrologie, Boulogne-Billancourt, FRANCE, 2CESP, INSERM, Univ Paris-Sud, UVSQ, Univ Paris-Saclay, EpRec, Villejuif, FRANCE, 3CHU Bordeaux, Service Néphrologie, Bordeaux, FRANCE, 4Univ Bordeaux, Unité INSERM 1026, Bordeaux, FRANCE, 5CHU Lyon Sud, Service Néphrologie, Pierre Bénite, FRANCE, 6CHRU Nancy-Brabois, Service Néphrologie, Vandœuvre-lès-Nancy, FRANCE, 7Agence de Biomédecine, La Plaine Saint-Denis, FRANCE, 8Arbor Research Collaborative for Health, Ann Arbor, MI.

SO002
ARTERIAL SPIN LABELING MAGNETIC RESONANCE IMAGING (ASL-MRI) AND RENAL PERFUSION DATA IN DIABETIC PATIENTS
Jose Maria Mora-Gutierrez1, Maria Asuncion Fernandez-Seara2, Fernanda Slon3, Danny JJ. Wang4, Jose Antonio Paramo5, Javier Escalada6, Nuria Garcia-Fernandez1, 1Univ Navarra, Nephrology, Pamplona, SPAIN, 2Univ Navarra, Radiology, Pamplona, SPAIN, 3Complejo Hosp Navarra, Nephrology, Pamplona, SPAIN, 4Univ Navarra, Radiology, Pamplona, SPAIN, 5Inst Univ Southern California, Lab Functional MRI Technology (LOFT) Stevens Neuroimaging and Informatics, Los Angeles, CA, 5Univ Navarra, Atherothrombosis Lab and Hematology Dept, Pamplona, SPAIN, 6Univ Navarra, Endocrinology, Pamplona, SPAIN.

SO003
MAGNETIC RESONANCE IMAGING TO ASSESS THE PATHOPHYSIOLOGY OF ACUTE KIDNEY INJURY
Huda Mahmoud1, Charlotte Buchanan2, Eleanor Cox2, Benjamin Prestwich2, Sue Francis2, Maarten Taal1, Nick Selby1, 1Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Univ Nottingham, Sir Peter Mansfield Imaging Centre, Nottingham, UK.

Mini lecture
Clinical imaging of vascular disease in chronic kidney disease
Marc Vervloet, Amsterdam, The Netherlands
**Free Communication Session 2 + Mini Lecture**

**CKD rehabilitation and ageing**

Chairs: Peter Barany, Stockholm, Sweden  
Jerzy Chudek, Katowice, Poland

*Mini lecture*
Kidney disease in the elderly - is it only eGFR that matters?  
**Edwina Brown**, London, United Kingdom

**FREE COMMUNICATIONS**

**SO004**
TEST-RETEST RELIABILITY, VALIDATION, AND ‘MINIMAL DETECTABLE CHANGE’ SCORES FOR A RANGE OF COMMON PHYSICAL FUNCTION AND STRENGTH TESTS IN NON-DIALYSIS CKD  

**SO005**
THE EFFECTS OF AEROBIC AND COMBINED EXERCISE ON SKELETAL MUSCLE AKT PHOSPHORYLATION IN NON-DIALYSIS CKD  

**SO006**
FATIGUE, FUNCTIONAL CAPACITY AND QUALITY OF LIFE IN NON-DIALYSIS CHRONIC KIDNEY DISEASE  
**Faatihah A. Niyi-Odumosu**, Ryan Nah, Amy L. Clarke, Noelle Robertson, Nicolette C. Bishop, Alice C. Smith, 1Loughborough Univ, SSEHS, Loughborough, UK, 2Univ Leicester, Dept Neuroscience, Psychology and Behaviour, Leicester, UK, 3Univ Leicester, Leicester Kidney Exercise Team, Leicester, UK.

**SO007**
THE EFFECTS OF 12 WEEKS OF AEROBIC ONLY OR COMBINED AEROBIC AND RESISTANCE EXERCISE TRAINING ON AEROBIC CAPACITY, STRENGTH AND PHYSICAL FUNCTION IN NON-DIALYSIS CHRONIC KIDNEY DISEASE  

**SO008**
SOCIO-DEMOGRAPHIC, PSYCHOLOGICAL HEALTH AND LIFESTYLE OUTCOMES IN YOUNG ADULTS ON RENAL REPLACEMENT THERAPY: SYSTEMATIC REVIEW  
**Alexander J. Hamilton**, Rhian L. Clissold, Carol D. Inward, Fergus J. Caskey, Yoav Ben-Shlomo, 1Univ Bristol, School Social and Community Medicine, Bristol, UK, 2Univ Exeter Medical School, Inst Biomedical and Clinical Science, Exeter, UK, 3Bristol Royal Hosp for Children, Paediatric Nephrology, Bristol, UK, 4UK Renal Registry, Senior Management Team, Bristol, UK.
Free Communication Session 3 + Mini Lecture

**Renal transplantation experimental and immune-tolerance**

Chairs: Paolo Malvezzi, Grenoble, France
Bruno Watschinger, Vienna, Austria

**Mini lecture**

How can we get immunized patients on our waiting list transplanted?

Torbjörn Lundgren, Stockholm, Sweden

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**FREE COMMUNICATIONS**

**SO009**

ISCHEMIA IN KIDNEY TRANSPLANTATION CAUSES DNA HYPERMETHYLATION AND PRE-DICTS GRAFT FIBROSIS: AN EPIGENOME-WIDE ASSOCIATION STUDY

Line Heylen1,2,3, Bernard Thienpont3,4, Maarten Naesens1,2, Pieter Busschaert3,4, Jeroen Depreeuw3,4, Ina Jochmans5,2, Diethard Monbaliu5,2, Jacques Pirenne5,2, Dirk Kuypers1,2, Evelyne Lerut6, Diether Lambrechts3,4, Ben Sprangers1,2, 1Univ Hosp Leuven, Nephrology, Leuven, BELGIUM, 2KU Leuven, Microbiology and Immunology, Leuven, BELGIUM, 3VIB, Center Cancer Biology, Leuven, BELGIUM, 4KU Leuven, Oncology, Leuven, BELGIUM, 5Univ Hosp Leuven, Abdominal Transplantation, Leuven, BELGIUM, 6Univ Hosp Leuven, Pathology, Leuven, BELGIUM.

**SO010**

THE IGE-MEDIATED IMMUNE RESPONSE IN CHRONIC ANTIBODY-MEDIATED REJECTION. A POSSIBLE PATHOGENIC ROLE?

Federica Rascio1, Paola Pontrelli2, Giuseppe S. Netti1, Barbara Infante1, Giulia Cocina1, Giuseppe Castellano2, Loreto Gesualdo2, Giovanni Stallone1, Giuseppe Grandaliano1, 1Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY, 2Univ Bari A. Moro, Dept Emergency and Organ Transplantation, Div Nephrology, Bari, ITALY.

**SO011**

HEPARANASE REGULATES RENAL MACROPHAGE INFILTRATION AND M1 POLARIZATION AFTER ISCHEMIA/REPERFUSION INJURY

Valentina Masola1, Gloria Bellin2, Maurizio Onisto3, Giovanni Gambaro4, Antonio Lupo2, Gianluigi Zaza2, 1Univ Verona, Renal Unit, Medicine, Verona, ITALY, 2Univ Verona, Renal Unit, Dept Medicine, Verona, ITALY, 3Univ Padova, Dept Biomedical Sciences, Padova, ITALY, 4Columbus-Gemelli Hosp, Catholic Univ Sacred Heart, Renal Unit, Roma, ITALY.

**SO012**

THE INCREASE OF CIRCULATING TFH CELLS MIGHT BE ASSOCIATED WITH IL-6/STAT3 SIGNAL IN RENAL TRANSPLANT RECIPIENTS RECEIVING TACROLIMUS-BASED IMMUNOSUPPRESSIVE REGIMEN

Ya Mei Li1, Yun Ying Shi2, Yi Li1, Lin Yan1, Jiang Tao Tang1, Yang Juan Bai1, Xiao Juan Wu1, Lan Lan Wang1, 1West China Hosp Sichuan Univ, Dept Lab Medicine, Chengdu, CHINA, 2West China Hosp Sichuan Univ, Dept Nephrology, Chengdu, CHINA.
SO013  
AGING IS ASSOCIATED WITH EPIGENETIC CHANGES IN GENES INVOLVED IN FIBROSIS IN THE KIDNEY: AN EPIGENOME-WIDE STUDY  
Line Heylen1,2,3, Ben Sprangers1,2, Bernard Thienpont3,4, Matthieu Moisse3, Dirk Kuypers1,2, Diether Lambrechts3,4, Maarten Naesens1,2, 1Univ Hosp Leuven, Nephrology, Leuven, BELGIUM, 2KU Leuven, Microbiology and Immunology, Leuven, BELGIUM, 3VIB, Center Cancer Biology, Leuven, BELGIUM, 4KU Leuven, Oncology, Leuven, BELGIUM.
HALL 10 10:45 - 11:30

Plenary Lecture 2

Chairs: Jorge B. Cannata-Andia, Oviedo, Spain
       Andrzej Więcek, Katowice, Poland

Whole-body and whole-organ clearing and imaging
Hiroki Ueda, Osaka, Japan

HALL 10 11:45-13:15

Symposium 7

Late Breaking Clinical Trials

Chairs: Dontscho Kerjaschki, Vienna, Austria
       Peter Stenvinkel, Stockholm, Sweden

A personalized walking exercise program reduces the risk of hospitalization in dialysis patients
Giovanni Luigi Tripepi, Reggio Calabria, Italy

Superior efficacy of rituximab vs tacrolimus in pediatric steroid dependent nephrotic syndrome
Franz Schaefer, Heidelberg, Germany

Effect of calcium free phosphate binding agents or calcium-containing phosphate binding
agents alone or combined with vitamin D receptor activators and/or cinacalcet on survival
José Luis Fernandez Martin, Oviedo, Spain

Steroid-sparing efficacy of voclosporin in active lupus nephritis: stable kidney function and
BP without electrolyte complications at 48 weeks
James Tumlin, Chattanooga, U.S.A.

Active vitamin D in the prevention of cardiovascular events in haemodialysis patients: the
Japan Dialysis Active Vitamin D (J-DAVID) Trial
Tetsuo Shoji, Osaka, Japan
HALL 10.A

Symposium 8

Management of complications after kidney transplantation (I)

Chairs: Daniel Abramowicz, Antwerp, Belgium  
Sanjin Racki, Rijeka, Croatia

Is severe obesity of any harm in living kidney donation?  
Andrzej Więcek, Katowice, Poland

Pretransplant weight loss in dialysis patients - how important is it?  
Mehmet Sukru Sever, Istanbul, Turkey

Evolution and management of bone disease after transplantation  
Pieter Evenepoel, Leuven, Belgium

Evolution and management of arterial stiffness after renal transplantation  
George Reusz, Budapest, Hungary

HALL N 103-104

Symposium 9

Epidemiology and CKD-MBD

Chairs: Mario Cozzolino, Milan, Italy  
Anibal Ferreira, Lisbon, Portugal

Using observational data for CKD research: a cautionary tale  
Miguel Hernan, Boston, U.S.A.

CKD-MBD targets: contribution of COSMOS  
Jorge B. Cannata-Andía, Oviedo, Spain

COSMOS: PTH lowering drugs and parathyroidectomy. Impact and outcomes  
José Luis Gorriz, Valencia, Spain

Clinical use of ALP and PTH in discrimination of low vs high bone turnover  
Goce Spasovski, Skopje, F.Y.R. of Macedonia
HALL N 101-102 11:45-13:15

Symposium 10

Use of home-based therapies in Europe - a missing link?

Chairs: James Heaf, Copenhagen, Denmark
Martin Wilkie, Sheffield, United Kingdom

PD use is declining in Europe - why?
Marlies Noordzij, Amsterdam, The Netherlands

PD for unplanned start on home-based dialysis
Johan Vestergaard Povlsen, Aarhus, Denmark

We should enable patients to decide
Olof Heimbürger, Stockholm, Sweden

Why stimulating home based therapies is an economical imperative that has ethical consequences
Bert Bammens, Leuven, Belgium

HALL N 105-106 11:45-13:15

Symposium 11

Renal mineral handling - what’s new?

Chairs: Giovambattista Capasso, Naples, Italy
J. Mariano Rodriguez Portillo, Cordoba, Spain

Renal phosphate handling
Carsten Wagner, Zurich, Switzerland

Magnesium
Markus Ketteler, Coburg, Germany

FGF23-Klotho signalling in the kidney
Hannes Olauson, Stockholm, Sweden

Modeling calcium transport
Aurelie Edwards, Paris, France
Symposium 12

*Immunology and hypertension during pregnancy*

**Chairs:** Austin Stack, Limerick, Ireland  
David Williams, London, United Kingdom

Pregnancy in kidney transplanted women, immunology and outcomes  
**Anna Varberg Reisaeter**, Oslo, Norway

Lupus and pregnancy  
**Uyen Huynh-Do**, Bern, Switzerland

Immune regulatory and vascular changes before the onset of pre-eclampsia  
**David Williams**, London, United Kingdom

Pre-eclampsia and future cardiovascular health  
**Karolina Kublickiene**, Stockholm, Sweden
SALA RETIRO 11:45 - 13:15

Free Communication Session 4 + Mini Lecture

Biomarkers

Chairs: Gert Mayer, Innsbruck, Austria
       Mahmut Ilker Yilmaz, Ankara, Turkey

Mini lecture
Systems biology as a solution to better understand kidney disease?
Joost Peter Schanstra, Toulouse, France

FREE COMMUNICATIONS

SO014
A NOVEL URINARY BIOMARKER OF TYPE VI COLLAGEN FORMATION AND ENDOTROPHIN IS ASSOCIATED WITH LOSS OF KIDNEY FUNCTION IN PATIENTS WITH DIABETIC NEPHROPATHY
Federica Genovese1, Daniel G.K. Rasmussen1,2, Signe H. Nielsen1,3, Joseph V. Haas4, James R. Voelker4, Morten A. Karsdal1, Kevin L. Duffin4, 1Nordic Bioscience, Biomarkers & Research, Herlev, DENMARK, 2Univ Southern Denmark, Cardiovascular and Renal Research, Odense, DENMARK, 3Technical Univ Denmark, Dept Biotechnology and Biomedicine, Kgs. Lyngby, DENMARK, 4Eli Lilly and Company, Discovery Statistics, Indianapolis, IN.

SO015
A NOVEL BIOMARKER OF LAMININ TURNOVER IS ASSOCIATED WITH MORTALITY AND DISEASE PROGRESSION IN CHRONIC KIDNEY DISEASE
Signe Holm Nielsen1,2, Daniel Guldager Kring Rasmussen1, Anthony Fenton3, Mark Jesky3, Charles J. Ferro3, Morten A. Karsdal1, Federica Genovese1, Paul Cockwell3, 1Nordic Bioscience, Biomarkers and Research, Herlev, DENMARK, 2Technical Univ Denmark, Dept Biotechnology and Biomedicine, Lyngby, DENMARK, 3Queen Elizabeth Hosp, Dept Renal Medicine, Birmingham, UK.

ASQ Travel Grant (see page 31) SO016
URINARY PEPTIDE BIOMARKER PANEL ASSOCIATED WITH IMPROVEMENT IN eGFR IN CKD PATIENTS
Katerina Markoska1, Martin Pejchinovski2, Claudia Pontillo2, Petra Zürbig2, Lotte Jacobs3, Jelka Masinchapovska1, Olivera Stojceva-Taneva1, Harald Mischak2, Goce Spasovski1, 1Univ Skopje, Dept Nephrology, Skopje, F.Y.R. OF MACEDONIA, 2Mosaiques Diagnostics, GmbH, Hannover, GERMANY, 3Univ Leuven, Dept Cardiological Sciences, Leuven, BELGIUM.

SO017
BIOINFORMATICS-BASED IDENTIFICATION OF URINARY KIDNEY-SPECIFIC MRNAS AS POTENTIAL BIOMARKERS OF DIABETIC KIDNEY DISEASE
Le-Ting Zhou, Lin-Li Lv, Qing Yin, Tao-Tao Tang, Yi Wen, Bi-Cheng Liu, Southeast Univ, Inst Nephrology, Nanjing, CHINA.

SO018
SERUM AND URINE SOLUBLE TNFR-1 AND TNFR-2 DIFFERENTIALLY CORRELATE WITH EGFR AND ALBUMINURIA IN DIABETIC KIDNEY DISEASE
Md Nahidul Islam,*1, Tomás P. Griffin,*1,2, Eimear Wallace1, Paula M. O'Shea3, Timothy O’Brien1,2, Matthew D. Griffin1,4, 1National Univ Ireland Galway, Regenerative Medicine Inst, School Medicine, Galway, IRELAND, 2Galway Univ Hosp, Centre Endocrinology, Diabetes and Metabolism, Galway, IRELAND, 3Galway Univ Hosp, Dept Clinical Biochemistry, Galway, IRELAND, 4Galway Univ Hosp, Dept Nephrology, Galway, IRELAND.
HALL N 107-108

Free Communication Session 5 + Mini Lecture

Drugs in CKD

Chairs: Frieder Keller, Ulm, Germany
       Judit Nagy, Pecs, Hungary

Mini lecture
“Primun non nocere” - Should statins and proton pump inhibitors be used in CKD stage 5?
David Goldsmith, London, United Kingdom

FREE COMMUNICATIONS

SO019
EFFECTS OF EMPAGLIFLOZIN ON CARDIOVASCULAR OUTCOMES ACROSS KDIGO RISK CATEGORIES: RESULTS FROM THE EMPA-REG OUTCOME® TRIAL
Vlado Perkovic1, Adeera Levin2, David Wheeler3, Audrey Koitka-Weber4, Michaela Mattheus5, Jyothis George6, Maximilian von Eynatten7, Christoph Wanner8, 1George Inst Global Health, Univ Sydney, Nephrology, Sydney, AUSTRALIA, 2Div Nephrology, Univ British Columbia, Nephrology, Vancouver, BC, CANADA, 3Centre Nephrology, Univ College London, London, London, UK, 4Boehringer Ingelheim Pharma GmbH & Co. KG, Medical Affairs, Biberach, GERMANY, 5Boehringer Ingelheim Pharma GmbH & Co. KG, Biostatistics, Ingelheim, GERMANY, 6Boehringer Ingelheim Ltd, Medical Affairs, Bracknell, UK, 7Boehringer Ingelheim Pharma GmbH & Co. KG, Medical Affairs, Ingelheim, GERMANY, 8Dept Medicine, Würzburg Univ Clinic, Internal Medicine, Würzburg, GERMANY.

SO020
INAPPROPRIATE PRESCRIPTION OF NEPHROTOXIC DRUGS TO INDIVIDUALS WITH CHRONIC KIDNEY DISEASE: A COMMUNITY-BASED ANALYSIS FROM THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
Alessandro Gasparini1,2, Björn Wettermark3, Katharina Schmidt-Mende4, Marie Evans2, Abdul Rashid Qureshi2, Peter Barany2, Carl-Gustaf Elinder2,3, Juan-Jesus Carrero2, 1Univ Leicester, Dept Health Sciences, Leicester, UK, 2Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 3Stockholm City Council, Public Healthcare Services committee, Stockholm, SWEDEN, 4Karolinska Inst, Div Family Medicine, Stockholm, SWEDEN.

SO021
RENAL FUNCTION PREDICTS LOWER TIME IN THERAPEUTIC RANGE WITH ASSOCIATED WORSE OUTCOME IN NEWLY DIAGNOSED ATRIAL FIBRILLATION PATIENTS INITIATED ON WARFARIN
Juan Jesus Carrero1, Alessandro Gasparini2, Staffan Eliasson3, Marie Evans2, Leif Friberg4, Karolina Szummer5, 1Karolinska Inst, Renal Medicine, Huddinge, SWEDEN, 2Karolinska Inst, Renal Medicine, CLINTEC, Stockholm, SWEDEN, 3Karolinska Univ Hosp, Dept Medicine, Stockholm, SWEDEN, 4Danderyd Hosp, Karolinska Inst, Dept Clinical Sciences, Stockholm, SWEDEN, 5Karolinska Inst, Dept Medicine, Stockholm, SWEDEN.
SO022
VITAMIN D RECEPTOR ACTIVATION DOES NOT IMPROVE INSULIN SENSITIVITY IN PATIENTS WITH STAGE 3 TO 4 CHRONIC KIDNEY DISEASE
Belinda Spoto, Patrizia Pizzini, Sebastiano Cutrupi, Giovanni Tripepi, Giuseppe Curatola, Francesca Mallamaci, Carmine Zoccali, CNR-IFC, Clinical Epidemiology and Physiopathology of Renal Disease and Hypertension, Reggio Calabria, ITALY.

SO023
THE IMPACT OF DOSE OF ESA AND IRON ON THE RISK OF ADVERSE EVENTS OF HEMODIALYSIS PATIENTS
Takahiro Kuragano, Masayoshi Nanami, Yukiko Hasuike, Yasuyuki Nagasawa, Takeshi Nakanishi, Hyogo College of Medicine, Dept Internal Medicine Div Kidney and Dialysis, Nishinomiya, JAPAN.
HALL N 117-118

Free Communication Session 6 + Mini Lecture

**Transplantation clinical - I**

Chairs: Alicja Debska-Slizien, Gdansk, Poland
Beatriz Dominguez-Gil, Madrid, Spain

*Mini lecture*
Organ donation in the world - keys to success
Beatriz Dominguez-Gil, Madrid, Spain

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**FREE COMMUNICATIONS**

* SO024
DONOR RECIPIENT MATCHING BASED ON INDIRECTLY RECOGNIZABLE HLA EPITOPES INDEPENDENTLY PREDICTS OUTCOME AFTER KIDNEY TRANSPLANTATION

**Oliver Staeck**
1, Matthias Niemann2, Eric Spierings3, Petra Reinkel1, Fabian Halleck1, Klemens Budde1, Nils Lachmann3, 1Charité Universitätsmedizin, Nephrology, Berlin, GERMANY, 2PIRCHE AG, Berlin, GERMANY, 3UMC Utrecht, Lab Translational Immunology, Utrecht, NETHERLANDS, 4Charité Universitätsmedizin, Center for Tumor Medicine, H&I Lab, Berlin, GERMANY.

SO025
DONOR RECIPIENT MATCHING BASED ON HLA EPITOPES IMPROVES OUTCOME IN KIDNEY TRANSPLANT RECIPIENTS

**Oliver Staeck**
1, Matthias Niemann2, Fabian Halleck1, Dmytro Khadzhynov1, Petra Reinkek, Constanze Schönemann3, Eric Spierings4, Klemens Budde1, Nils Lachmann3, 1Charité Universitätsmedizin, Nephrology, Berlin, GERMANY, 2PIRCHE AG, Berlin, GERMANY, 3Charité Universitätsmedizin, Center for Tumor Medicine, H&I Lab, Berlin, GERMANY, 4UMC Utrecht, Lab Translational Immunology, Utrecht, NETHERLANDS.

SO026
PRE-TRANSPLANT ANTIBODIES IGA-ANTI-BETA 2 GLICOPROTEIN I: A NEW PREDICTOR OF GRAFT THROMBOSIS AFTER RENAL TRANSPLANTATION

**Jose Morales**
1, Manuel Serrano1, Jose A. Martinez-Flores1, Javier Gainza2, Roberto Marcin3, Manuel Arias4, Fernando Escuin5, Amado Andres6, Miguel Angel Martinez7, Naraa Murutri2, Eva Alvarez2, Jose L. Castañer8, Jose L. Castañer8, Marcos Lopez Hoyos9, Antonio Serrano1, 1Hosp 12 de Octubre, Immunology, Madrid, SPAIN, 2Hosp Cruces, Nephrology, Barakaldo, Bizcaya, SPAIN, 3Hosp Ramon y Cajal, Nephrology, Madrid, SPAIN, 4Hosp Marques de Valdecilla, Nephrology, Santander, SPAIN, 5Hosp La Paz, Nephrology, Madrid, SPAIN, 6Hosp 12 de Octubre, Nephrology, Madrid, SPAIN, 7Hosp 12 de Octubre, Pathology, Madrid, SPAIN, 8Hosp Ramon y Cajal, Immunology, Madrid, SPAIN, 9Hosp Marques de Valdecilla, Immunology, Santander, SPAIN.

* SO027
TRYPTOPHAN METABOLISM AND LONG TERM GRAFT FAILURE IN RENAL TRANSPLANT RECIPIENTS

**Isidor Minovic**
1, Anna van der Veen2, Martijn van Faassen2, Else van den Berg1, Johanna M. Geleijnse3, Manfred Eggersdorfer4, Gerjan J. Navis1, Ido P. Kema2, Stephan J. Bakker1, 1Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS, 2Univ Medical Center Groningen, Lab Medicine, Groningen, NETHERLANDS, 3 Wageningen Univ, Human Nutrition, Wageningen, NETHERLANDS, 4 DSM, Nutritional Products, Kaiseraugst, SWITZERLAND.
SO028
RISK PREDICTION MODELS FOR LIVING DONOR KIDNEY TRANSPLANTATION TO PREDICT DONOR AND RECIPIENT MORTALITY AND GRAFT LOSS
Maria C. Haller1,2,3, Geir Mjøen4, Hallvard Holdaas4, Georg Heinze1, Rainer Oberbauer5, 1Medical Univ Vienna, Center Medical Statistics, Informatics and Intelligent Systems (CeMSIIS), Vienna, AUSTRIA, 2Hosp Elisabethinen Linz, Nephrology, Linz, AUSTRIA, 3European Renal Best Practice, Methods Support Team, Ghent, BELGIUM, 4Oslo Univ Hosp, Dept Transplant Medicine, Oslo, NORWAY, 5Medical Univ Vienna, Dept Medicine, Vienna, AUSTRIA.
HALL 10

Symposium 13

*American Society of Nephrology (ASN) Highlights*

Chairs: **Jonathan G. Fox**, Glasgow, United Kingdom  
**Karen A. Griffin**, Maywood, U.S.A.

Acute Kidney Injury  
**Samir Parikh**, Boston, U.S.A.

General nephrology & CKD  
**Maria Devita**, New York, U.S.A.

Hypertension  
**Karen A. Griffin**, Maywood, U.S.A.

HALL 10.A

Symposium 14

*The Lancet/ERA-EDTA*

Chairs: **Philippa Berman**, London, United Kingdom  
**Danilo Fliser**, Homburg/Saar, Germany

Effects of a novel targeted release formulation of budesonide vs. placebo in IgA nephropathy: the NEFIGAN randomised clinical trial  
**Bengt Fellström**, Uppsala, Sweden

Mortality risk disparities in children receiving chronic renal replacement therapy across Europe  
**Nicholas Chesnaye**, Amsterdam, The Netherlands

Strategies for long-term preservation of kidney graft function  
**Rainer Oberbauer**, Vienna, Austria

Novel insights in the management of patients at risk for acute kidney injury  
**Wim Van Biesen**, Ghent, Belgium
Symposium 15

Heart failure in chronic kidney disease

Chairs: Secundino Cigarran, Lugo, Spain
Wolfgang Winkelmayer, Houston, U.S.A.

Uremic toxins and the heart
Ziad Massy, Paris, France

Treatment of hyperkalemia in dialysis patients: what is on the horizon?
Matthew R. Weir, Baltimore, U.S.A.

Heart failure with preserved ejection fraction: a kidney disorder?
Javier Díez, Pamplona, Spain

What is the utility of cardiovascular biomarkers?
Jesus Egido, Madrid, Spain

Symposium 16

Peritoneal dialysis and cardiovascular risk

Chairs: Simon Davies, Stoke-On-Trent, United Kingdom
J. Emilio Sanchez-Alvarez, Oviedo, Spain

Achieving euvolaemia in PD patients - lessons from a clinical case
Jeroen Kooman, Maastricht, The Netherlands

Biomarkers for vascular calcification in peritoneal dialysis
Ricardo Correa-Rotter, Mexico City, Mexico

Blood pressure targets in PD - what is the evidence?
James Heaf, Copenhagen, Denmark

Gut microbiota in PD
Griet Glorieux, Ghent, Belgium
Final Programme

HALL N 105-106

Symposium 17

* Genetics of blood pressure regulation

Chairs: Suheir Assady, Haifa, Israel
       Johannes Loffing, Zurich, Switzerland

Salt sensitivity: Insights from evolution
Matthew Bailey, Edinburgh, United Kingdom

The WNK-SPAK pathway: Relevance for clinicians
Johannes Loffing, Zurich, Switzerland

FREE COMMUNICATIONS

** SO029
IDENTIFYING THE CULPRIT GENE IN 400 GENETICALLY UNRESOLVED AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY OR LIVER DISEASE (ADPKD/ADPLD) PEDIGREES
Emilie Cornec-Le Gall1, Christina M. Heyer1, Sarah R. Senum1, Marie-Pierre Audrézet2, Yannick Le Meur3, Vicente Torres4, Peter Harris4, 1Mayo Clinic, Nephrology and Hypertension, Rochester, MN, 2CHU Brest, Molecular Genetics, Brest, FRANCE, 3CHU Brest, Nephrology, Brest, FRANCE, 4Mayo Clinic, Nephrology, Rochester, MN.

** MO011
DISTURBANCES OF CIRCADIAN RHYTHM OF BLOOD PRESSURE AND LOCAL CARDIAC CLOCK GENES IN NEPHROTIC RATS
Peipei Chen1, Lijun Mou2, Ruiyu Zhang2, Xuemei Li2, Xuewang Li2, Yan Qin2, 1Peking Union Medical College Hosp & PUMC, Nephrology, Peking, CHINA, 2Peking Union Medical College Hosp, Nephrology, Beijing, CHINA.
Symposium 18

*Management of complications after kidney transplantation (II)*

Chairs: **Joseph Bonventre**, Boston, U.S.A.  
**Ondrej Viklicky**, Prague, Czech Republic

- Malignancy after kidney transplantation - what should nephrologists know?  
  **Alicja Debska-Slizien**, Gdansk, Poland

- The natural history of kidney graft cortical microcirculation  
  **Rafael Selgas**, Madrid, Spain

- Why should we assess the biological age of the renal transplant?  
  **Paul Shiels**, Glasgow, United Kingdom

- Management of chronic graft rejection  
  **Daniel Abramowicz**, Antwerp, Belgium
SALA RETIRO

Free Communication Session 7 + Mini Lecture

**CKD-MBD in dialysis**

Chairs: *Klaus Olgaard*, Copenhagen, Denmark
*Petr Táborský*, Prague, Czech Republic

*Mini lecture*
Vitamin K deficiency - does it promote vascular calcification?
*Leon Schurgers*, Maastricht, The Netherlands

**FREE COMMUNICATIONS**

**SO031**
PARATHYROIDECTOMY (PTX), KDOQI TARGETS AND MORTALITY IN A COHORT OF ITALIAN DIALYSIS (D) PATIENTS: A MULTICENTER OBSERVATIONAL STUDY
*Sandro Mazzaferro*, on behalf of the Italian Study Group of Mineral Metabolism, Sapienza Univ, Dept. Cardiovascular, Respiratory, Nephrology, Anesthetic and Geriatric Sciences, Rome, ITALY.

**SO032**
REGIONAL VARIATION IN MINERAL AND BONE DISORDER (MBD) MARKERS AND TREATMENT AT DIALYSIS START: RESULTS FROM THE DOPPS
*Francesca Tentori*1,2, Angelo Karaboyas1, Ronald L. Pisoni1, Stefan H. Jacobson3, Masafumi Fukagawa4, Bruce M. Robinson1,5, 1Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Vanderbilt Univ Med Center, Nephrology, Nashville, TN, 3Karolinska Inst, Danderyd Univ Hosp, Div Nephrology, Stockholm, SWEDEN, 4Tokai Univ School Medicine, Div Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 5Univ Michigan, Internal Medicine, Ann Arbor, MI.

**SO033**
IMPACT OF ETELCALCETIDE ON FGF23 LEVELS DURING THE TREATMENT OF SECONDARY HYPERPARATHYROIDISM IN PATIENTS ON HEMODIALYSIS

**SO034**
CINACALCET DISCONTINUATION AND ITS PREDICTORS IN HEMODIALYSIS PATIENTS: RESULTS FROM 7 EUROPEAN COUNTRIES
*Douglas Fuller*1, David Hallett2, Kerry Cooper3, Paul Dluzniewski2, Michel Jadoul4, Ronald Pisoni1, Friedrich Port1, Francesca Tentori1, 1Arbor Research Collaborative for Health, Dialysis Outcomes and Practice Patterns Study (DOPPS), Ann Arbor, MI, 2Amgen, Inc, Center for Observational Research (CiOR), Thousand Oaks, CA, 3Amgen, Inc, Clinical Research, Thousand Oaks, CA, 4Cliniques Univ St-Luc, Dept Nephrology, Bruxelles, BELGIUM.
SO035
LOW BONE VOLUME IN DIALYSIS PATIENTS AND TWO YEARS AFTER RENAL TRANSPLANTATION
Satu Keronen1,2, Leena Martola1,2, Patrik Finne1,2, Inari S. Burton3, Heikki Kröger4, Eero Honkanen1,2,
1Helsinki Univ Hosp, HUCH Abdominal Center, Nephrology, HELSINKI, FINLAND, 2Univ Helsinki, Helsinki, FINLAND, 3Univ Eastern Finland, Bone and Cartilage Research Unit (BCRU), Kuopio, FINLAND, 4Kuopio Univ Hosp, Dept Orthopaedics, Traumatology and Hand Surgery, Kuopio, FINLAND.
SUNDAY, JUNE 4

Final Programme

HALL N 107-108

Free Communication Session 8 + Mini Lecture

Experimental nephrology - I

Chairs: Adriana Dusso, Oviedo, Spain
Alberto Ortiz, Madrid, Spain

Mini lecture
Update on sodium-dependent phosphate transporters
Carsten Wagner, Zurich, Switzerland

FREE COMMUNICATIONS

SO036
ANCA-ASSOCIATED VASCULITIS- AND SYSTEMIC LUPUS ERYTHEMATOSUS-INDUCED NEUTROPHIL EXTRACELLULAR TRAPS HAVE INTRINSICALLY DIFFERENT FEATURES

SO037
SIGNIFICANT REDUCTIONS OF PATHOGENIC AUTOANTIBODIES BY SYNERGETIC RITUXIMAB AND BELIMUMAB TREATMENT EFFECTIVELY INHIBITS NEUTROPHIL EXTRACELLULAR TRAPS IN SEVERE, REFRACTORY SLE - THE SYNBIOSE STUDY
Tineke Kraaij1, Sylvia W.A. Kamerling1, Jaap A. Bakker2, Tom J.W. Huizinga3, Ton Rabelink1, Cees van Kooten1, Y.K. Onno Teng1, 1LUMC, Nephrology, Leiden, NETHERLANDS, 2LUMC, Clinical Chemistry, Leiden, NETHERLANDS, 3LUMC, Rheumatology, Leiden, NETHERLANDS, 4Imperial College, Renal and vascular Inflammation, London, UK.

SO038
INORGANIC PHOSPHATE (PI) ACUTELY IMPAIRS CYTOSKELETON INTEGRITY VIA PP2A/SRC/DAPK-1/TPM-3 PATHWAY: A NOVEL MECHANISM OF PI-INDUCED CELL STRESS AND MICROPARTICLE RELEASE IN CKD
Nima Abbasian1, James O. Burton1,2, Karl E. Herbert3, Alison H. Goodall3, Nigel J. Brunskill1,2, Alan Bevington1, 1Univ Leicester, Dept Infection, Immunity & Inflammation, Leicester, UK, 2Univ Leicester, John Walls Renal Unit, UHL, Leicester, UK, 3Univ Leicester, Dept Cardiovascular Sciences, Leicester, UK.

SO039
A20/TNFAIP3 DEFICIENCY LEADS TO PODOCYTE INJURY IN MRL/LPR MICE BY UP-REGULATING UBQUITIN C - TERMINAL HYDROLASE L1
Ling Sun1, Lu-Xi Zou1, Jie Wang1, Mao-Jie Chen1, Shi-Chao Zhuo2, 1Xuzhou Central Hosp, Medical College of Southeast Univ, Nephrology, Xuzhou, CHINA, 2Xuzhou Central Hosp, Medical College of Southeast Univ, Pathology, Xuzhou, CHINA.

SO040
DELIVERY OF EXOSOMAL CCL2 MRNA FROM TUBULAR EPITHELIAL CELLS TO MACROPHAGES PROMOTES INTERSTITIAL INFLAMMATION IN PROTEINURIA NEPHROPATHY
Linli Lv1, Ye Feng2, Weijun Wu2, Leting Zhou2, Bi-Cheng Liu2, 1Inst Nephrology, Southeast Univ, Nanjing, CHINA, 2Inst Nephrology, Southeast Univ, Nanjing, CHINA.
Free Communication Session 9 + Mini Lecture

AKI prevention and treatment

Chairs: Damjan Kovac, Ljubljana, Slovenia
Fredrik Palm, Uppsala, Sweden

Mini lecture
Does early-start renal replacement therapy improve outcomes for patients with acute kidney injury?
John Prowle, London, United Kingdom

FREE COMMUNICATIONS

SO041
ENERGY AND PROTEIN NEEDS AND NUTRITIONAL ADEQUACY IN CRITICALLY ILL PATIENTS WITH AKI
Alice Sabatino1, Miriam Theilla2, Moran Hellerman2, Pierre Singer2, Umberto Maggiore1, Marco Delsante1, Ilaria Gandolfini1, Giuseppe Regolisti1, Enrico Fiaccadori1, I Parma Univ Hosp, Med School, Parma, ITALY, 2 Rabin Medical Center Beilinson Hosp, Dept General Intensive Care and Inst for Nutrition Research, Tel Aviv, ISRAEL.

SO042
A COLLABORATIVE QUALITY IMPROVEMENT PROJECT TO IMPROVE MANAGEMENT OF COMMUNITY ACQUIRED PRIMARY CARE AKI (CAPAKI) USING E ALERTS AND AN EDUCATIONAL OUTREACH PROGRAMME
James Tollitt1, Emma Flanagan1, Sheila McCorkindale2, Samantha Glynn-Atkins2, Lauren Emmett1, Denise Darby3, Brandon Bennett4, Smeeta Sinha1, Dimitrios Poulikakos1, 1Salford Royal NHS Trust, Renal Dept, Salford, UK, 2 Salford Clinical Commissioning Group, Diabetes and Kidney Care, Salford, UK, 3 Salford Royal NHS Trust, Pathology Dept, Salford, UK, 4 Improvement Science Consulting, Improvement Science, Washington, DC.

SO044
THE INTRODUCTION OF A NOVEL SMARTPHONE APP TO TACKLE ACUTE KIDNEY INJURY IN NORTH WEST ENGLAND
Lynne Sykes1, Rob Nipah1, James Ritchie2, 1Salford Royal Foundation Hosp, Acute medicine, Salford, UK, 2 Salford Royal Foundation Hosp, Renal medicine, Salford, UK.
SO045

FELODIPINE REDUCES DECLINE IN GLOMERULAR FILTRATION RATE IN LUNG TRANSPLANTED PATIENTS TREATED WITH CYCLOSPORINE: A RANDOMIZED PLACEBO CONTROLLED TRIAL

Mads Hornum1, Martin Iversen2, Peter Oturai3, Mads J. Andersen2, Mikhail Zemtsovski4, Pia Bredahl4, Nina H. Bjarnason2, Karl B. Christiansen5, Jørn Carlsen2, Christian H. Møller6, Bo Feldt-Rasmussen1, Michael Perch2, 1RigsHospital, Nephrology, Copenhagen, DENMARK, 2RigsHospital, Cardiology, Section Lung Transplantation, Copenhagen, DENMARK, 3RigsHospital, Clinical Physiology and Nuclear Medicine, Copenhagen, DENMARK, 4RigsHospital, Cardiothoracic Anaesthesiology, Copenhagen, DENMARK, 5Univ Copenhagen, Public Health, Section Biostatistics, Copenhagen, DENMARK, 6RigsHospital, Cardiothoracic Surgery, Copenhagen, DENMARK.
Free Communication Session 10 + Mini Lecture

Epidemiology in dialysis - I

Chairs: Friedo W. Dekker, Leiden, The Netherlands
       Marlies Noordzij, Amsterdam, The Netherlands

Mini lecture
Navigating the critical transitional phase from CKD5 to CKD5D
Kamyar Kalantar-Zadeh, Los Angeles, U.S.A.

FREE COMMUNICATIONS

★ SO046
SCOPE AND CONSISTENCY OF OUTCOMES REPORTED IN RANDOMISED TRIALS CONDUCTED IN ADULTS ON HAEMODIALYSIS
Bénédicte Sautenet1, Allison Tong2, Gabrielle Williams2, Brenda R. Hemmelgarn3, Braden Manns3, David C. Wheeler4, Peter Tugwell5, Wim van Biesen6, Wolfgang C. Winkelmaier7, Sally Crowe8, Tess Harris9, Nicole Evangelides2, Carmel M. Hawley10, Carol Pollock11, David W. Johnson10, Kevan R. Polkinghorne12, Kirsten Howard13, Martin P. Gallagher14, Peter G. Kerr12, Stephen P. McDonald15, Angela Ju2, Jonathan C. Craig2, 1CHU Bretonneau, Nephrology and Clinical Immunology, Tours, FRANCE, 2Children’s Hosp Westmead, Centre Kidney Research, Westmead, AUSTRALIA, 3Univ Calgary, Dept Medicine and Community Health Sciences, Calgary, AB, CANADA, 4Univ College London, Centre Nephrology, London, UK, 5Univ Ottawa, Dept Medicine, Ottawa, ON, CANADA, 6Ghent Univ Hosp, Renal Div, Ghent, BELGIUM, 7Baylor College Medicine, Section Nephrology, Houston, TX, 8Crowe Associates, Oxford, UK, 9PKD International, Geneva, SWITZERLAND, 10Univ Queensland Princess Alexandra Hosp, Queensland School Medicine, Brisbane, AUSTRALIA, 11Kolling Inst, Renal Div, Sydney, AUSTRALIA, 12Monash Univ, Dept Epidemiology & Preventative Medicine, Clayton, AUSTRALIA, 13Univ Sydney, Sydney School Public Health, Sydney, AUSTRALIA, 14Univ Sidney, Concord Clinical School, Sydney, AUSTRALIA, 15Royal Adelaide Hosp, Northern Adelaide Renal and Transplantation Service, Adelaide, AUSTRALIA.

SO047
INCREASED MORTALITY DUE TO BLEEDING IN DIALYSIS PATIENTS
Gurbey Ocak1, Marlies Noordzij2, Maarten B. Rookmaaker1, Ziad A. Massy3,4, Friedo W. Dekker5, Kitty J. Jager2, 1UMCU, Nephrology and Hypertension, Utrecht, NETHERLANDS, 2AMC, ERA-EDTA Registry, Medical Informatics, Amsterdam, NETHERLANDS, 3Ambroise Paré Univ Hosp, Nephrology, Boulogne Billancourt/Paris, FRANCE, 4INSERM Unit 1018, CESP, Team 5 (EpReC, Renal and Cardiovascular Epidemiology), Villejuif, FRANCE, 5LUMC, Clinical Epidemiology, Leiden, NETHERLANDS.

SO048
THE INTERACTIONS AND ASSOCIATIONS WITH SURVIVAL OF MALNUTRITION, INFLAMMATION AND OVERHYDRATION IN PREVALENT HEMODIALYSIS PATIENTS
Marijke Dekker1,2, Constantijn Konings2, Bernard Canaud3, Frank van der Sandel1, Jochen Raimann4, Len Usvyat4,5, Peter Kotanko4,6, Jeroen Kooman1, 1MUMC+, Nephrology, Utrecht, NETHERLANDS, 2AMC, ERA-EDTA Registry, Medical Informatics, Amsterdam, NETHERLANDS, 3Ambroise Paré Univ Hosp, Nephrology, Boulogne Billancourt/Paris, FRANCE, 4INSERM Unit 1018, CESP, Team 5 (EpReC, Renal and Cardiovascular Epidemiology), Villejuif, FRANCE, 5LUMC, Clinical Epidemiology, Leiden, NETHERLANDS, 6Mount Sinai Hosp, Internal Medicine Div Nephrology, Eindhoven, NETHERLANDS, 3Fresenius Medical Care, Europe, Bad Homburg, GERMANY, 4Renal Research Inst, RRI, New York, NY, 5Fresenius Medical Care, North America, Waltham, MA, 6Mount Sinai Hosp, Nephrology, New York, NY.
SO049
THE NATURE OF THE ASSOCIATION BETWEEN FGF23 AND MORTALITY AND CARDIOVASCULAR DISEASE IN END STAGE KIDNEY DISEASE PATIENTS: A MENDELIAN RANDOMIZATION STUDY
Alessandra Testa, Claudia Torino, Maurizio Postorino, Belinda Spoto, Maria Cristina Sanguedolce, Rosa Maria Parlongo, Giovanni Tripepi, Francesca Mallamaci, Carmine Zoccali, CNR-IFC, Clinical Epidemiology and Physiopathology of Renal Disease and Hypertension, Reggio Calabria, ITALY.

SO050
COMPARATIVE MORTALITY BETWEEN PERITONEAL DIALYSIS AND IN-CENTER HAEMODIALYSIS. A SYSTEMATIC REVIEW OF PROPENSITY-SCORE MATCHED MORTALITY STUDIES
Mohamed E. Elsayed1, Austin G. Stack1,2,3, 1Univ Limerick, Graduate Entry Medical School, Limerick, IRELAND, 2Univ Hosp Limerick, Renal Dept, Limerick, IRELAND, 3Univ Limerick, Health Research Inst, Limerick, IRELAND.
Symposium 19

Novel aspects of management of blood pressure in chronic kidney disease

Chairs: Mustafa Arici, Ankara, Turkey
       Marc Vervloet, Amsterdam, The Netherlands

How to obtain the target blood pressure in CKD: is it a SPRINT or a marathon?
Rajiv Agarwal, Indianapolis, U.S.A.

Renal denervation and CKD progression
Peter J. Blankestijn, Utrecht, The Netherlands

Mineralocorticoid receptor blockers in CKD patients
Matthew R. Weir, Baltimore, U.S.A.

Left Ventricular Hypertrophy - are there non blood pressure ways to reduce it?
Allan Struthers, Dundee, United Kingdom

Symposium 20

Special condition in the ICU requiring nephrological advice

Chairs: José A. Lorente, Madrid, Spain
        Enisa Mesic, Tuzla, Bosnia and Herzegovina

Patients with life threatening systemic disease at the ICU
Vladimir Tesar, Prague, Czech Republic

Management of cardiorenal syndromes in the ICU
Claudio Ronco, Vicenza, Italy

Drug pharmacokinetics and dose adjustment at the ICU
Julius Schmidt, Hannover, Germany

An overview of treatment of crush syndrome
Mehmet Sukru Sever, Istanbul, Turkey
HALL N 103-104

Symposium 21

*The uremic microbiota - Implications for the uremic phenotype and treatment*

Chairs: Àngel Argilés, Montpellier, France
       Halima Resic, Sarajevo, Bosnia and Herzegovina

The gut microbiome and its relation to metabolic alterations in CKD
*Griet Glorieux*, Ghent, Belgium

The influence of renal transplantation on retained microbial-human co-metabolites
*Bjorn Meijers*, Leuven, Belgium

The leaky gut - relationship with the microbiota
*Pieter Evenepoel*, Leuven, Belgium

Should we drug the bug - how can diet and drugs influence the gut flora?
*Denis Fouque*, Lyon, France

HALL N 101-102

Symposium 22

*NDT Polar Views. Risk prediction tools in stage 5 D CKD: precious instruments for risk stratification or just gadgets of electronic wizardry?*

Chairs: *Carmine Zoccali*, Reggio Calabria, Italy

PRO. It’s time to implement risk scores in CKD care
*Navedep Tangri*, Winnipeg, Canada

CON. Most clinical risk scores are useless
*Friedo W. Dekker*, Leiden, The Netherlands
Symposium 23

**Hemodialysis anticoagulation: present and future**

Chairs: Nada Dimkovic, Belgrade, Serbia  
        Gunnar Heine, Homburg/Saar, Germany

Anticoagulation for extracorporeal therapies  
Andrew Davenport, London, United Kingdom

Is regional citrate anticoagulation the future of hemodialysis?  
Jadranka Buturovic-Ponikvar, Ljubljana, Slovenia

Citrate anticoagulation for CRRT - current status and challenges  
Helena Maria Oudemans-Van Straaten, Amsterdam, The Netherlands

Citrate in dialysate: standard for the next decade hemodialysis?  
Michael Schmitz, Solingen, Germany

Symposium 24

**Joint Symposium ERA-EDTA & JSN (Japanese Society of Nephrology)**

Chairs: Motoko Yanagita, Kyoto, Japan  
        Andrzej Więcek, Katowice, Poland

Endothelial Dysfunction: a common mechanism underlying diabetic kidney disease  
Naoki Kashihara, Okayama, Japan

AGEs-RAGE system as a promising therapeutic target for diabetic kidney disease  
Kei Fukami, Kurume City, Japan

What do cohort studies tell us about CKD and diabetes?  
Christian Combe, Bordeaux, France

Genetic and epigenetic factors associated with diabetic kidney disease  
A. Peter Maxwell, Belfast, United Kingdom
Free Communication Session 11 + Mini Lecture

Transplantation clinical - II

Chairs: Torbjörn Lundgren, Stockholm, Sweden
Ondrej Viklicky, Prague, Czech Republic

Mini lecture
HCV: still a problem in dialysis and kidney TP patients?
Michel Jadoul, Brussels, Belgium

FREE COMMUNICATIONS

SO051
ANTIBODY MEDIATED REJECTION IN PATIENTS WITH PERSISTENT VS PREFORMED DONOR-SPECIFIC ANTIBODIES
Dolores Redondo Pachon, Maria Jose Perez-Sáez, Marisa Mir1, Javier Gimeno2, Carme García1, Juan José Hernández1, Jose Yélamos3, Julio Pascual1, Marta Crespo1, 1Hosp del Mar, Nephrology, Barcelona, SPAIN, 2Hosp del Mar, Pathology, SPAIN, 3Hosp del Mar, Immunology, Barcelona, SPAIN.

SO052
RENAL PROGENITOR CELLS AS NOVEL PREDICTORS OF GRAFT OUTCOME
Anna Manonelles Montero1, Roser Guiteras2, Montse Gomà3, Edoardo Melilli1, Oriol Bestard1, Paola Romagnani4, Josep M Cruzado1, 1Hosp Univ Bellvitge, Nephrology and Transplant Unit, Barcelona, SPAIN, 2Idibell, Nephrology and Transplant Unit, Barcelona, SPAIN, 3Hosp Univ Bellvitge, Pathology, Barcelona, SPAIN, 4Meyer’s Children Hosp, Nephrology, Florence, ITALY.

SO053
PRE-TRANSPLANT RECIPIENT TRANSCRIPTOMIC PROFILE MAY PREDICT DELAYED GRAFT FUNCTION (DGF) IN KIDNEY TRANSPLANTATION
Paola Pontrelli1, Federica Rascio2, Francesco Pesce1, Matteo Accetturo1, Simona Simone1, Giuseppe Castellano1, Gianluigi Zaza3, Antonio Lupo3, Marco Fiorentino1, Loreto Gesualdo1, Giovanni Stallone2, Giuseppe Grandaliano2, 1Univ Bari A. Moro, Dept Emergency and Organ Transplantation, Div Nephrology, Bari, ITALY, 2Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY, 3Univ Verona, Dept Medicine, Verona, ITALY.

SO054
ZERO-TIME BIOPSY OF POTENTIAL DONOR KIDNEYS TO AID DECISION-MAKING
SO055
CLINICAL OUTCOMES OF A NATIONWIDE STRATEGY OF KIDNEY TRANSPLANTATION WITH CONTROLLED CARDIAC DEATH DONORS (CDCD). SPANISH MULTICENTER SENTRA-GEODAS GROUP

J Portolés1,2,3, MJ Perez-Saez1, E Melilli1, N Maruri Kareaga1, D Navarro1, E de Souza1, D Janeiro1, F Llamas1, PMartin Moreno1, J Espi1, M Lopez Oliva1, E Gavela1, ML Rodriguez-Ferrer1, D Hernandez1, J Pascual1, GEODAS/SENTRA Group, 1H.U. Puerta de Hierro, Nephrology, Majadahonda, SPAIN, 2RedinRen 016/009/009 ISCIII, Nephrology, Majadahonda, SPAIN, 3GEODAS/SENTRA Group, Nephrology, Madrid, SPAIN.
Free Communication Session 12 + Mini Lectures

Uric acid and metabolic syndrome

Chairs: Marian Goicoechea, Madrid, Spain
Janusz Ostrowski, Wloclawek, Poland

Mini lecture
Role of uric acid in acute and chronic kidney injury
Richard J. Johnson, Denver, U.S.A.

FREE COMMUNICATIONS

SO056
URIC ACID AS A PROGNOSTIC FACTOR IN HAEMODIALYSIS PATIENTS AND ESTIMATE TREATMENT EFFECT OF XOR INHIBITOR A RETROSPECTIVE COHORT STUDY
Takeo Ishii1,2, Kouichi Tamura2, Kunio Oyama1, 1Yokohama Daiichi Hosp, Internal Medicine, Yokohama, JAPAN, 2Yokohama City Univ Graduate School Medicine, Medical Science and Cardiorenal Medicine, Yokohama, JAPAN.

SO057
TIME-DEPENDENT EFFECT OF SERUM URIC ACID ON ESTIMATED GFR IN CHILDREN WITH CKD
Chien-Ning Hsu1, You-Lin Tain2, 1Kaohsiung Chang Gung Memorial Hosp, Dept Pharmacy, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Div Pediatric Nephrology, Kaohsiung, TAIWAN.

SO058
IMPACT OF THE CHEMICAL NATURE OF STONES ON ARTERIAL STIFFNESS IN NEPHROLITHIASIS
Guillaume Chazot1, Nans Florens1, Lavinia Ene1, Nadia Abid2, Laurent Juillard1, Laurence Dubourg1, Sandrine Lemoine1, 1Hospices Civils Lyon, Nephrology, Lyon, FRANCE, 2Hospices Civils Lyon, Urology, Lyon, FRANCE.
Free Communication Session 13 + Mini Lecture

Epidemiology in dialysis - II

Chairs: Nicholas Chesnaye, Amsterdam, The Netherlands
Sophie Liabeuf, Amiens, France

Mini lecture
Oral or intravenous iron? - that is the question
Iain C. Macdougall, London, United Kingdom

FREE COMMUNICATIONS

SO059
CIRCULATING PROTEINS AS PREDICTORS OF CARDIOVASCULAR MORTALITY IN END-STAGE RENAL DISEASE PATIENTS ON HEMODIALYSIS - A PROTEOMIC APPROACH
Tobias Feldreich1, Tove Fall2, Axel C. Carlsson3, Juan Jesus-Carrero4, Abdul R. Qureshi4, Olof Heimbürger4, Peter Barany4, Peter Stenvinkel4, Johan Arnlov5, 1Medical sciences, Education, Health, and and Society, Falun, SWEDEN, 2Molecular epidemiology, Medical Sciences and Science for Life Lab, Uppsala, SWEDEN, 3Family Medicine, Neurobiology, Care Sciences and Society, Stockholm, SWEDEN, 4Renal Medicine, Clinical Science, Intervention and Technology (CLINTEC), Stockholm, SWEDEN, 5Cardiovascular epidemiology, Medical Sciences, Uppsala, SWEDEN.

SO060
HYPERKALAEMIA ASSOCIATED DEATHS IN RRT - ARE WE DOING ENOUGH?
Mark D. Findlay1, Peter Gallacher2, Carol Brunton3, Arthur Doyle4, Jonathan Fox1, Jackie McDonald5, Wendy Metcalfe2, Robert Peel6, Sue Robertson7, Vinod Sanu8, Ilona Shilliday9, Elaine Spalding10, Jamie P. Traynor1, Bruce MacKinnon1, On behalf of the Scottish Renal Registry, 1Queen Elizabeth Univ Hosp, Renal Medicine, Glasgow, UK, 2Royal Infirmary Edinburgh, Renal Medicine, Edinburgh, UK, 3Aberdeen Royal Infirmary, Renal Medicine, Aberdeen, UK, 4Victoria Infirmary, Kirkcaldy, Renal Medicine, Fife, UK, 5Scottish Renal Registry, SRR, Glasgow, UK, 6Raigmore Hosp, Renal Medicine, Inverness, UK, 7Dumfries and Galloway Royal Infirmary, Renal Medicine, Dumfries, UK, 8Ninewells Hosp, Renal Medicine, Dundee, UK, 9Monklands Hosp, Renal Medicine, Airdrie, UK, 10Univ Hosp Crosshouse, Renal Medicine, Kilmarnock, UK.

SO061
DIALYSATE CALCIUM CONCENTRATION <3.0 MEQ/L IS NOT ASSOCIATED WITH IMPROVED OUTCOMES IN THE JAPAN-DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (J-DOPPS)
Kunitoshi Iseki1, Lisa Henn2, Eiichiro Kanda3, Kazuhiko Tsuruya4, Hideki Hirakata5, Friedrich K. Port2, Ron Pisoni2, Francesca Tentori2, 1Tomishiro Central Hosp, Clinical Research Center, Okinawa, JAPAN, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Tokyo Kyosai Hosp, Nephrology and Hypertension, Tokyo, JAPAN, 4Kyushu Univ, Integrated Therapy for Chronic Kidney Disease, Fukuoka, JAPAN, 5Fukuoka Renal Clinic, Nephrology, Fukuoka, JAPAN.
SO062
PREDICTING ONE YEAR MORTALITY IN END-STAGE-RENAL DISEASE PATIENTS STARTING DIALYSIS; MODEL DEVELOPMENT AND VALIDATION
Nynke Halbesma1, Eve Miller-Hodges2, Gurbey Ocak3, Sarah H. Wild1, Friedo W. Dekker4, Merel van Diepen4, 1Univ Edinburgh, Usher Inst Population Health Sciences and Informatics, Edinburgh, UK, 2Univ Edinburgh, Inst Genetics & Molecular Medicine, Edinburgh, UK, 3Univ Utrecht, Dept Nephrology, Utrecht, NETHERLANDS, 4Leiden Univ Medical Center, Clinical Epidemiology, Leiden, NETHERLANDS.

SO063
PRE-DIALYSIS FLUID STATUS MODIFIES THE RELATION BETWEEN PRE-DIALYSIS SYSTOLIC BLOOD PRESSURE AND OUTCOME IN PREVALENT HEMODIALYSIS PATIENTS
Marijke Dekker1,2, Constantijn Konings2, Bernard Canaud3, Paola Carioni3, Adrian Guinsburg4, Magdalena Madero5, Jeroen van der Net1, Jochen Raimann6, Frank van der Sande1, Len Usvyat6,7, Yuedong Wang8, Xiaoqi Xu9, Peter Kotanko6,10, Jeroen Kooman1, 1MUMC+, Nephrology, Maastricht, NETHERLANDS, 2Catharina Hosp, Internal Medicine Div Nephrology, Eindhoven, NETHERLANDS, 3Fresenius Medical Care, Germany, Bad Homburg, GERMANY, 4Fresenius Medical Care, Latin America, Argentina, ARGENTINA, 5National Heart Inst, Nephrology, Mexico City, MEXICO, 6Renal Research Inst, RRI, New York, NY, 7Fresenius Medical Care, North America, Waltham, MA, 8Univ California Santa Barbara, Statistics, Santa Barbara, CA, 9Fresenius Medical Care, Asia Pacific, Wanchai, HONG KONG, 10Mount Sinai Hosp, Nephrology, New York, NY.
Free Communication Session 14 + Mini Lecture

History of nephrology

In collaboration with IAHN (International Association for the History of Nephrology)

Chairs: Natale G. De Santo, Naples, Italy
Vincenzo Savica, Messina, Italy

Mini lecture
Emergence of the concept of Acute Kidney Injury
Garabed Eknoyan, Houston, U.S.A.

FREE COMMUNICATIONS

SO064
A MODERN VIEW OF THE ANCIENT USE OF ENEMAS AS AN ADJUVANT TREATMENT OF ACUTE RENAL FAILURE VIA MANIPULATION OF GUT MICROBIOTA
Dimitra Bacharaki1, Dimitrios Vlahakos1, Athanasios Diamandopoulos2, 1Attikon Univ Hosp, Nephrology, Chaidari, GREECE, 2Louros Foundation History of Medicine, Board, Athens, GREECE.

SO065
THE 450TH ANNIVERSARY OF THE PUBLICATION OF PHYSIOLOGY BY JEAN FERNEL: FOCUS ON THE KIDNEYS
Natale G. De Santo, Carmela Bisaccia2, Giovanna Valenti3, Luca S. De Santo4, 1Univ Campania, Medicine, Naples, ITALY, 2Ist Mazzini Napoli, Dept Teaching, Naples, ITALY, 3Univ Studi Bari Aldo Moro, Dip Bioscienze, Biotecnologie e Scienze farmacologiche, Bari, ITALY, 4Univ Studi Foggia, Dept Surgery, Foggia, ITALY.

SO066
REMEDIES FOR KIDNEY AILMENTS IN THE 1818 “PHARMACOPOIEIA” BY DIONYSIOS PYRROS AND COMPARISON WITH THE RELEVANT ENTRIES IN THE DIOSCORIDES’ MATERIA MEDICA
Athanasios Diamantopoulos1, Georgios Filippidis2, Ioannis Stefanidis2, 1Louros Foundation, History of Medicine, Ministry of Economy, Athens, GREECE, 2Univ Thessaly, School Medicine, Nephrology, Larissa, GREECE.

SO067
PAST AND FUTURE IMPLICATIONS OF THE URINE
Vincenzo Savica, National Research Council, Palermo-Messina, Italy, A. Monroy Inst Biomedicine and Molecular Immunology, Messina, ITALY.

SO068
NOBEL PRIZE LAUREATES IN NEPHROLOGY AND TRANSPLANTATION: SCIENCE-AS-ART
Alexey Zulkarnaev, Andrey Vatazine, Vadim Stepanov, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, RUSSIAN FEDERATION.
Renal development & cystic diseases.............................................................. SP001-SP014
Genetic diseases & molecular genetics .......................................................... SP015-SP041
Experimental hypertension ........................................................................... SP042-SP051
Clinical nephrology I..................................................................................... SP052-SP102
Glomerulonephritis I..................................................................................... SP103-SP156
Experimental AKI I..................................................................................... SP157-SP186
Clinical AKI - epidemiology I ................................................................. SP187-SP230
Clinical AKI - prevention & treatment..................................................... SP231-SP257
CDK - Pathophysiology & progression I.................................................. SP258-SP301
CDK - Clinical epidemiology I............................................................... SP302-SP343
CKD - MBD................................................................................................. SP344-SP388
CDK - Nutrition & Inflammation I......................................................... SP389-SP424
Diabetes - Clinical science.......................................................................... SP425-SP460
Dialysis - techniques & adequacy I.............................................................. SP461-SP491
Peritoneal dialysis I.................................................................................. SP492-SP531
Dialysis - Cardiovascular complications I................................................ SP532-SP577
Dialysis - Vascular access I.......................................................................... SP578-SP617
Dialysis - Epidemiology & outcome I......................................................... SP618-SP666
Dialysis - Nutrition & Inflammation........................................................... SP667-SP713
Renal transplantation - experimental.......................................................... SP714-SP723
Renal transplantation - Epidemiology & outcome I......................................................................... SP724-SP773
Renal transplantation - Treatment & immunosuppression............................ SP774-SP827
Patients education & training...................................................................... SP828-SP841
Late breaking clinical trials......................................................................... SP842-SP851
Posters

RENAL DEVELOPMENT & CYSTIC DISEASES

SP001
IBUPROFEN AND ACETAMINOPHEN CONSUMPTION DURING FIRST TRIMESTER PREGNANCY IMPACT NEPHROGENESIS: AN EXPERIMENTAL STUDY BASED ON HUMAN FETAL KIDNEY CULTURE
Alain Michel1,2, Sabrina Penna3, Emmanuelle Becker3, Nathalie Dejucq-Rainsford3, Cécile Vigneau1,2, Sérène Mzaouad-Guittot3, ICHU Rennes, Nephrology, Rennes, FRANCE, 2INSERM, Irsset umr1085, Rennes, FRANCE, 3INSERM, ISET UMR1085, Rennes, FRANCE.

SP002
PROTEOMIC ANALYSIS OF THE KIDNEY FROM AQP11 DEFICIENT MICE TO IDENTIFY KEY MOLECULES FOR PROXIMAL TUBULAR CYST FORMATION
Tatsuya Saito, Yasuko Tanaka, Sei Sasaki, Kenichi Ishibashi, Meiji Pharmaceutical Univ, Pathophysiology, Tokyo, JAPAN.

SP003
SAHA REDUCED CAMP LEVELS AND INHIBITED RENAL CYST GROWTH THROUGH HDAC6
Ming Wu, Changlin Mei, Shanghai Changzheng Hosp, Kidney Inst, Shanghai, CHINA.

SP004
CHARACTERIZATION OF A NOVEL MAPKBP1 MUTATION CAUSING LATE-ONSET CILA-INDEPENDENT NEPHRONOPHTHISIS
Ria Schönauer1, Anna Seidel1, Daniela A. Braun2, Richard Sandford3, Friedhelm Hildebrandt2, Alexandre Benmerah4, Jan Halbritter1, 1Leipzig Univ, Div Nephrology, Dept Internal Medicine, Leipzig, GERMANY, 2Boston Children’s Hosp, Harvard Medical School, Div Nephrology, Dept Medicine, Boston, MA, 3Univ Cambridge, Academic Dept Medical Genetics, Cambridge, UK, 4Paris Descartes - Sorbonne Paris Cité Univ, Imagine Inst, Paris, FRANCE.

SP005
YOUNG-ADULT POLYCYSTIC KIDNEY DISEASE IS SIGNIFICANTLY ASSOCIATED WITH MAJOR CARDIOVASCULAR COMPLICATIONS
Tung-Min Yu1, Ya-Wen Chuang2, Cheng-Hsu Chen2, 1Taichung veterans general Hosp, Div nephrology, Taichung, TAIWAN, 2Taichung Veterans General Hosp, Internal medicine, Taichung, TAIWAN.

SP006
VASOPRESSIN-RELATED Copeptin IS A NOVEL PREDICTOR OF EARLY ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH ADULT POLYCYSTIC KIDNEY DISEASE
Ismael Koceyigit1, Mahmut I. Yilmaz2, Ozkan Gungor3, Eray Eroglu1, Aydin Unal1, Ozcan Orscelik, Bulent Tokgoz1, Murat H. Sipahioglu1, Ashmet Sen, Juan J. Carrero6, 1Erciyes Univ Fac Medicine, Nephrology, Kayseri, TURKEY, 2Gulhane School Medicine, Nephrology, Ankara, TURKEY, 3Kahramanmaras Sutcu Imam Univ Fac Medicine, Nephrology, Kahramanmaras, TURKEY, 4Mersin Univ Fac Medicine, Cardiology, Kayseri, TURKEY, 5Erciyes Univ Fac Medicine, Biochemistry, Kayseri, TURKEY, 6Karolinska Inst, Div Renal Medicine, Dept Clinical Science, Stockholm, SWEDEN.

SP007
OLIVE LEAF EXTRACT INHIBITS CELLULAR AND CYSTIC GROWTH IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE: AN IN VITRO MODEL
Giuseppina Toteda, Anna Perri, Donatella Vizza, Simona Lupinacci, Antonella La Russa, Danilo Lofaro, Martina Bonofigio, Francesca Leone, Paolo Gigliotti, Renzo Bonofigio, Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

SP008
CLINICAL SIGNIFICANCE OF URINE EXCRETION OF N-ACETYLGLUCOSAMINIDASE FOR THE PROGNOSTIC ASSESSMENT OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Yuta Kogure1,2, Koeri Takayanagi1,3, Mai Aoyagi1,2, Yoshimi Okada1,2, Hiroaki Harai1,2, Minoru Hatano1,2, Masaaki Teran1,2, Tochinari Ogawa1,2, Koichi Kanzawa1,2, Hajime Hasegawa1,2, 1Saitama Medical Center, Saitama Medical Univ, Nephrology and Hypertension, Kawagoe, JAPAN, 2Saitama Medical Center, Saitama Medical Univ, Blood Purification, Kawagoe, JAPAN, 3Shikawa Kinenkai Kawagoe Ekima Clinic, Clinical Lab, Kawagoe, JAPAN.

SP009
PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE UNDER CHRONIC HEMODIALYSIS DISPLAY THIRST DISTURBANCE
Marie Neuville, Pierre Delanaye, Francois Jouret, Univ Liège Hosp (ULg CHU), Nephrology, Liège, BELGIUM.

SP010
TUBEROUS SCLEROSIS COMPLEX AND THE KIDNEY: A SINGLE CENTER 17-YEAR PORTRAIT
Rita Leal, Telma Santos, Ana Galvão, Rui Alves, Centro Hosp e Univ Coimbra, Nephrology, Coimbra, PORTUGAL.
SP011
INTRACRANIAL ANEURYSMS IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE AFTER KIDNEY TRANSPLANTATION
Andrzej W. Kulesza1, Mariusz Niemczyk1, Monika Gradzik2, Magda Fliszkiewicz1, Marek Golębiowski2, Leszek Pączek1, 1Medical Univ Warsaw, Dept Immunology, Transplantology and Internal Diseases, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Radiology, Warsaw, POLAND.

SP012
DIAGNOSIS OF RENAL CYST INFECTION IN ADULT POLYCYSTIC KIDNEY DISEASE (ADPKD) USING 67-GA CITRATE SPECT/CT: A CASE SERIES
Ester Casillas Sagrado, Laura Vanessa Blanco Andrews, Maria Delgado Yagüe, Haridjan Sosa Barrios, Maite Rivera Gorrin, Victor Burguera Vion, Fernando Líaño Garcia, Ramon Y Cajal Hosp, Nephrology, Madrid, SPAIN.

SP013
EFFICACY OF TOLVAPTAN ON AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD) PATIENTS IN LATE-STAGE CKD
Fumihiko Hattanda, Minoru Makita, Sayo Takeda, Kanako Watanabe, Keisuke Kawashima, Keiechi Kondo, Yozou Ishikawa, Yoshihiro Kusunoki, Yasunobu Ishikawa, Saori Nishio, Tatsuya Atsumi, Hokkaido Univ, Dept Medicine 2, Sapporo, JAPAN.

SP014
CLINICAL STUDY ON POLYCYSTIC KIDNEY DISEASE AMONG NORTH TUNISIANS
Barbouch Samia1, Hajji Meriam1, Kheder Rania2, Zouaghi Mohammed Karim2, Karoui Cyrine3, El Ati Zohra4, Ben Sassi Imen5, Ben Hamida Fethié6, Ben Abdallah Taieb1, 1Charles Nicolle Hosp, Nephrology, Tunis, TUNISIA, 2La Rabta, Nephrology, Tunis, TUNISIA, 3L’ariana Hosp, Nephrology, Tunis, TUNISIA, 4Mahdia, Nephrology, Tunis, TUNISIA, 5Sidi Bouzid, Nephrology, Tunis, TUNISIA, 6Lab Kidney disease LR00SP01, Charles Nicolle Hosp, Nephrology, Tunis, TUNISIA.
GENETIC DISEASES & MOLECULAR GENETICS

SP015
NEW TECHNOLOGIES IN DNA ANALYSIS OF POLYCYSTIC KIDNEY DISEASES
Jana Reiterová1, Lena Obeidová2, Veronika Elišáková2, Tomáš Seeman3, Jiří Štekorvá2, 1First Fac Medicine, Charles Univ, General Teaching Hosp, Nephrology, Prague, CZECH REPUBLIC, 2First Fac Medicine, Charles Univ, General Teaching Hosp, Inst Biology and Medical Genetic, Prague, CZECH REPUBLIC, 32st Fac Medicine, Charles Univ, Motol Hosp, Pediatric Nephrology, Prague, CZECH REPUBLIC.

SP016
DYSREGULATION OF PPAR SIGNALING PATHWAY, FOCAL ADHESION PATHWAY AND DECREASED INTEGRIN LINKED KINASE ARE EARLY EVENTS IN COL4A3 −/− MICE MANIFESTING ALPORT SYMPTOMS
Andreas Kousios1, Orthodoxia Nicolaou2,1, Paraskevi Chaitira1, Andreas Hadjisavvas2,1, Kyriakos Ioannou3, Kleitos Sokratous2, Kyriakos Kyriacou2,1, Cyprus School Molecular Medicine, Dept Electron Microscopy/Molecular Pathology, Nicosia, CYPRUS, 2Cyprus Inst Neurology and Genetics, Dept Electron Microscopy/Molecular Pathology, Nicosia, CYPRUS, 3Apollonion Private Hosp, Dept Nephrology, Nicosia, CYPRUS.

SP017
CIRCULATING HNMR BASED METABOLOMIC PROFILE ASSOCIATED TO PROTEINURIA IN DIABETIC PATIENT
Clara Barrios1, Jonas Zierer2, Sol Otero3, Eva Rodriguez1, María José Soler1, Gonzalo Velis1, Tim Spector2, Cristina Menin2, Julio Pascual1, 1Parc de Salut Mar, Nephrology, Barcelona, SPAIN, 2Dept Twin Research, King’s College London, Twins research and genetic epidemiology, London, UK, 3Consorti sanitari Carra, Nefrology, Barcelona, SPAIN.

SP018
THE ASSOCIATION OF UROMODULIN GENOTYPE WITH RENAL CANCER AGGRESSIVENESS
Francesco Trevisani1, Alessandro Larcher1, Alessandra Cinque1, Umberto Capitani1, Francesco Ripa1, Riccardo Vago1, Arianna Bettiga1, Fabio Benigni1, Fabio Muttim1, Cristina Carelli1, Roberto Bertini1, Alberto Brignati1, Andrea Salonia1, Luca Rampold2, Francesco Montorsi1, 1San Raffaele Scientific Inst, Urology, Milan, Italy, 2San Raffaele Scientific Inst, Urology, Milan, ITALY.

SP019
TRANSCATHETER ARTERIAL EMBOLIZATION WITH EMBOSPHERE FOR SYMPTOMATIC POLYCYSTIC LIVER DISEASE
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SP020
HEALTH-RELATED QUALITY OF LIFE FOR PATIENTS WITH TUBEROUS SCLEROSIS COMPLEX AND ASSOCIATED MANIFESTATIONS
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SP021
COQ6 AND COQ2 MUTATIONS ASSOCIATED WITH STEROID RESISTANT NEPHROTIC SYNDROME
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SP022
MOLECULAR CHARACTERIZATION OF A NOVEL MUTATION IN THE RENAL NaCl COTRANSPORTER CAUSING GITELMAN’S SYNDROME BY IMPAIRING TRANSPORTER TRAFFICKING
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SP023
CLASSIFICATION OF MALE FABRY PATIENTS: VALIDATION OF GROUP CONSENSUS BY SURVIVOR ANALYSIS FOR MAJOR CLINICAL EVENTS
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SP024
GENETIC AND RENAL CLINICAL CHARACTERIZATION OF FAMILIAL MEDITERRANEAN FEVER IN ARMENIAN POPULATION
Zaruhi Stepanyan, Yerevan State Medical Univ, Nephrology, Yerevan, ARMENIA.

SP025
POLYMORPHISMS OF THE PATTERN RECOGNITION MOLECULES GENES OF LECTIN PATHWAY WERE ASSOCIATED WITH RENAL OUTCOME IN IGA NEPHROPATHY
Yan Ouyang, Jingyuan Xie, Xiaoyan Zhang, Xiaoxia Pan, Hong Ren, Weiming Wang, Nan Chen, Inst Nephrology, Ruijin Hosp, Shanghai Jiao Tong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

SP026
QUANTIFICATION OF DIMETHYLSULFIDE ASSOCIATED WITH CYSTEAMINE BITARTRATE-INDUCED HALITOSIS USING BREATH ANALYSIS IN CYSTINOSIS PATIENTS TREATED WITH DELAYED-RELEASE AND IMMEDIATE-RELEASE CYSTEAMINE BITARTRATE
Larry Greenbaum1, Georges Deschénes2, Elena Levchenko3, Martine Besouw3, Cecilia Fosser4, Niels F. Confer5, Shuo Zheng6, Gregg Checani, 1Emory Univ, Dept Pediatric Nephrology, Atlanta, GA, 2Hôp Robert Debré, Service Néphrologie-Hémodialyse, Paris, FRANCE, 3Univ Hosp Leuven, Dept Pediatrics, Leuven, BELGIUM, 4Cytel Inc, Quantitative Pharmacology and Pharmacometrics, Cambridge, MA, 5Horizon Pharma Inc, Medical Affairs, Lake Forest, IL, 6Horizon Pharma Inc, Biostatistics, Lake Forest, IL.

SP027
FABRY DISEASE. RENAL INVOLVEMENT IN WOMEN IS MORE FREQUENT THAN EXPECTED
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SP028
SCREENING FOR NPHS2 MUTATIONS IN CHINESE FSGS PATIENTS
Yunzi Liu1,2, Xiongxiu Zhou1,2, Xiaorong Liu3, Wenyan Huang4, Hong Xu5, Hong Ren1,2, Weiming Wang1,2, Wen Zhang1,2, Jingyuan Xie1,2, Nan Chen1,2, Ruijin Hosp, Shanghai Jiaotong Univ School Medicine, nephrology, Shanghai, CHINA, 2Inst Nephrology affiliated to Shanghai Jiaotong Univ, Nephrology, Shanghai, CHINA, 3Beijing children’s Hosp, capital medical Univ, nephrology, beijing, CHINA, 4Children’s Hosp shanghai, Shanghai Jiaotong Univ School Medicine, nephrology, Shanghai, CHINA, 5Children’s Hosp, Fudan Univ, nephrology, Shanghai, CHINA.

SP029
ARTERIAL STIFFNESS IN PATIENTS WITH END STAGE RENAL DISEASE-ASSOCIATION WITH THE ANGIOTENSIN CONVERTING ENZYME (ACE) GENE POLYMORPHISM
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SP030
CHANGE IN PROTEOME BEFORE AND AFTER CYSTEAMINE TREATMENT ON A TRANSPLANTED PATIENT WITH CYSTINOSIS AND COMPARISON WITH THE PROTEOME OF THE GENETICALLY RELATED HLA-IDENTI-CAL KIDNEY DONOR
Rita Magrico1, Hugo M. Santos2,3, José L. Capelo3,1, Aura Ramos1, 1Hosp Garcia de Orta, Nephrology, Almada, PORTUGAL, 2Bioscope Research Group, Dept Chemistry, UCIBIO-REQUIMTE, Fac Science and Technology, Univ Nova de Lisboa, Caparica Almada, PORTUGAL, 3ProteoMass Scientific Society, Fac Science and Technology, Caparica, Almada, PORTUGAL.
**SP031**  
**KIDNEY VOLUME EVALUATION IN Autosomal Dominant PolyCistic Kidney Disease (ADPKD) Patients Renal Outcomes**  
Luca Di Lullo1, Francesco Iorio2, Marco Galliani3, Elio Vitaliano3, Silvana Chicca3, Antonio Paone3, 1L. Parodi - Delfino Hosp, Nephrology and Dialysis, Colleferro (Roma), ITALY, 2S. Pertini Hosp, Radiology, Rome, ITALY, 3S. Pertini Hosp, Nephrology and Dialysis, Rome, ITALY.

**SP032**  
**GENETIC TESTING IN Adult Nephrotic Syndrome: A Pertinent Issue?**  
Joana Gameiro1, Sofia Jorge1, Catarina Silveira2, Iolanda Godinho1, Marta Pereira1, Ana Coutinho2, Joana Tavares2, Estela Nogueira1, Maria Alice Fortes1, José António Lopes1, António Gomes da Costa1, 1Centro Hosp Lisboa Norte, Service Nephrology and Renal Transplantation, Lisboa, PORTUGAL, 2Fac Medicina da Univ Lisboa, Inst Medicina Molecular, Lisboa, PORTUGAL.

**SP033**  
**A Multicenter Screening of Fabry Disease in High-Risk Populations Using Dried Blood Spots on Filter Paper in Japan**  
Naoki Nakagawa, Naoyuki Hasebe, Asahikawa Medical Univ, Dept Nephrology and Cardiology, Asahikawa, JAPAN.

**SP034**  
**Incidental Fabry Disease Diagnosis in Nephrology Unit**  
Luca Di Lullo1, Antonio Bellasi2, Antonio De Pascalis3, Vincenzo Barbera1, Mario Cozzolino4, Domenico Russo5, Bia- gio Di Iorio6, Claudio Ronco7, 1L. Parodi - Delfino Hosp, Nephrology and Dialysis, Colleferro (Roma), ITALY, 2ASST Lariana, S. Anna Hosp, Nephrology and Dialysis, Como, ITALY, 3Vito Fazzi Hosp, Nephrology and Dialysis, Lecco, ITALY, 4S. Paolo Hosp, Health Sciences, Milan, ITALY, 5Univ Federico II, Nephrology, Naples, ITALY, 6Landolfi Hosp, Nephrology and Dialysis, Solofra, ITALY, 7S. Bortolo Hosp, International Renal Research Inst, Vicenza, ITALY.

**SP035**  
**Effects of Everolimus on the Huge Renal Angiomyolipoma in Patients with Tuberculous Sclerosis Complex**  
Hiroki Mizuno, Yoichi Oshima, Masahiko Oguro, Kyoei Kunizawa, Akinari Sekine, Masahiro Kawada, Masayuki Yamanouchi, Noriko Hayami, Eiko Hasegawa, Kei-ichi Hoshino, Ubara Yoshifumi, Kenmei Takaichi, Toronaldom Hosp, Kidney Center, Tokyo, JAPAN.

**SP036**  
**NLRP3 RS10754558 Functional Polymorphism Increases the Susceptibility to Renal Disease and Enhances the Cardiovascular Risk**  
Anna Perri1, Antonella La Russa1, Alberto Montesanto2, Daniele La Russa3, Danilo Lofaro1, Pierangela Presta1, Laura Filice1, Paolo Giggioiti1, Donatella Vizza1, Giuseppina Toteda1, Simona Lupinacci1, Martina Bonofiglio1, Francesca Leone1, Renzo Bonofiglio1, 1Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY, 2Univ Calabria, DIBEST, Rende, ITALY, 3Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Rende, ITALY, 4Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**SP037**  
**Identification of a New Haplotype of Risk in CFH Gene Predisposing to Develop a Severe Thrombotic Microangiopathy**  
Antonella La Russa, Anna Perri, Danilo Lofaro, Laura Filice, Donatella Vizza, Giuseppina Toteda, Simona Lupinacci, Martina Bonofiglio, Francesca Leone, Pierangela Presta, Renzo Bonofiglio, Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**SP038**  
**PREFINE PROJECT: Strategic Plan to Improve Knowledge & Recognition of Fabry Disease Among Spanish Nephrologists**  
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SP039
ACUTE INTERMITTENT PORPHYRIA IN ELDERLY UNDERGOING HEMODIALYSIS: RESOLUTION OF TETRAPLEGIA WITH SYSTEMIC HEMIN AND REHABILITATION
Claudio Carmine Guida1, Maria Savino2, Filomena Di Rienzo3, Adelaide Potenza4, Lazzaro Di Mauro2, Domenico Intiso3, Filippo Auscella5, 1Scientific Inst Hosp Casa Sollievo della Sofferenza, Nephrology and Dialysis Unit, Interregional Porphyria Reference Center, San Giovanni Rotondo (Foggia), ITALY, 2Scientific Inst Hosp Casa Sollievo della Sofferenza, Transfusion Medicine and Clinical Lab, San Giovanni Rotondo (Foggia), ITALY, 3Scientific Inst Hosp Casa Sollievo della Sofferenza, Rehabilitation Medicine and Neurorehabilitation Unit, San Giovanni Rotondo (Foggia), ITALY, 4Scientific Inst Hosp Casa Sollievo della Sofferenza, Dietology and Clinical Feeding, San Giovanni Rotondo (Foggia), ITALY, 5Scientific Inst Hosp Casa Sollievo della Sofferenza, Nephrology and Dialysis Unit, San Giovanni Rotondo (Foggia), ITALY.

SP040
PLASMA RENALASE CONCENTRATIONS AS A FUNCTION OF RS10887800 AND RS2576178 RENALASE GENE POLYMORPHISMS IN HEMODIALYZED PATIENTS
Anna Stec, Agnieszka M. Grzebalska, Monika Buraczynska, Andrzej Ksiazek, Medical Univ Lublin, Nephrology Dept, Lublin, POLAND.

SP041
IDENTIFICATION OF A NEW COMPLEMENT FACTOR H MUTATION IN A PATIENT WITH PREGNANCY ASSOCIATED ATYPICAL HEMOLYTIC-UREMIC SYNDROME
Domenico Santoro1, Antonella La Russa2, Anna Perri2, Donatella Vizza2, Michele Buemi1, Roberta Granese3, Simona Lupinacci2, Giuseppina Totòda2, Roberta Talarico2, Onofrio Tricolò3, Vincenzo Pellicanò3, Luca Visconti3, Renzo Bonfiglioli4, 1Univ Messina, Clinical and Experimental Medicine, Messina, ITALY, 2Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY, 3Univ Messina, Human Pathology Adult and Developmental Age, Messina, ITALY, 4Annunziata Hosp, Nephrology, Dialysis and Transplantation, Cosenza, ITALY.
SP042 MATERNFAL MELATONIN OR AGOMELATINE THERAPY REPROGRAMS THE DEVELOPMENT OF HYPERTENSION IN MALE RATS BORN BY MOTHER EXPOSED TO CONTINUOUS LIGHT
You-Lin Tain1, Chien-Ning Hsu2, 1Kaohsiung Chang Gung Memorial Hosp, Pediatrics, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Pharmacy, Kaohsiung, TAIWAN.

SP043 RENAL SYMPATHECTOMY AMELIORATES THE GABA SYSTEM AND CHRONIC RENOCARDIAC SYNDROME IN CHRONIC KIDNEY DISEASE
Hsin-Hung Chen, I-Tzu Chen, Pei-Wen Cheng, Ching-Jiunn Tseng, Kaohsiung Veterans General Hosp, Dept Medical Education and Research, Kaohsiung, TAIWAN.

SP044 HISTONE ACETYLATION IN EACH SEGMENT OF THE KIDNEY AFTER TRANSIENT SALT LOADING IN MICE AND THE SIGNIFICANCE FOR THE ONSET OF PERSISTENT HYPERTENSION
Hiroyuki Inoue, Kazutoshi Miyashita, Masaki Sato, Aika Hagiwara, Kentaro Fiji, Masaki Ryuzyaki, Hiroshi Itoh, Keio Univ, School Medicine, Internal Medicine, Tokyo, JAPAN.

SP045 A PROTEO-BIOSTATISTIC APPROACH FOR FINDING THE UNDERLYING MOLECULAR DETERMINANTS OF HYPERTENSION
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SP046 RENAL SYMPATHETIC NERVE DENERVATION INHIBITS CHRONIC INTERMITTENT HYPOXIA-INDUCED HYPERTENSION BY DECREASING RENIN-ANGIOTENSIN SYSTEM AND OXIDATIVE STRESS IN A MOUSE MODEL OF SLEEP APNEA SYNDROME
Keiko Takahashii, Seiji Ueda2, Takashi Kobayashii, Akira Nishiyama3, Takeshi Sugaya4, Yusuke Suzuki5, 1Juntendo Univ, Nephrology, Tokyo, JAPAN, 2Juntendo Univ, Nephrology, Bunkyo-ku, Tokyo, JAPAN, 3Kagawa Univ, Pharmacology, Kagawa, JAPAN, 4St. Marianna Univ School Medicine, Internal Medicine, Kanagawa, JAPAN.

SP047 SALT-DEPENDENT HYPERTENSION: A COMPARISON OF THE RENAL PROTEOME BETWEEN WISTAR AND SPRAGUE-DAWLEY RATS IN RESPONSE TO HIGH SODIUM DIET
Olga Gawryś1, Małgorzata Ozgo2, Adam Lepczyński2, Agnieszka Herosimczyk2, Marta Marynowska2, Elżbieta Kompanowska-Jezierna1, 1Mossakowski Medical Research Centre, Polish Academy Sciences, Dept Renal and Body Fluid Physiology, Warsaw, POLAND, 2West Pomeranian Univ Technology, Dept Physiology, Cytobiology and Proteomics, Szczecin, POLAND.

SP048 EXPERIMENTAL INCREASE IN RENAL MEDULLARY PERFUSION: A FACTOR REDUCING BLOOD PRESSURE IN TWO RAT HYPERTENSION MODELS
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SP049 SEXUAL DIFFERENCE OF TUBULAR RENIN ANGIOTENSIN SYSTEM (RAS) IN 2 KIDNEY 1 CLIP RATS
Yang Gyun Kim1, Chun-Gyoo Ihm2, Tae Won Lee2, Sang Ho Lee2, Kyung Hwan Jeong2, Ju Young Moon2, Yu Ho Lee2, Kipyo Kim2, Il Suk Sohn3, Seok Jong Song2, Seon Hwa Park2, Dong Jin Kim2, 1Kyung Hee Univ Hosp Gangdong, Nephrology, Seoul, SOUTH KOREA, 2Kyung Hee Univ, Nephrology, Seoul, SOUTH KOREA, 3Kyung Hee Univ, Cardiology, Seoul, SOUTH KOREA.

SP050 EFFECTS OF RAPESEED-DERIVED CHYMASE INHIBITORS ON BLOOD PRESSURE AND RENAL HAEMODYNAMICS AND EXCRETION IN GENETICALLY DETERMINED HYPERTENSION
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SP051 RAPESEED DERIVED PEPTIDES AS POTENTIAL ANTIHYPERTENSIVE AGENTS: EFFECTS ON BLOOD PRESSURE AND SELECTED METABOLIC PARAMETERS IN CONSCIOUS SPONTANEOUSLY HYPERTENSIVE RATS (SHR)
Iwona Baranowska, Olga Gawryś, Bożena Bądzynska, Elżbieta Kompanowska-Jezierna, Mossakowski Medical Research Centre, Polish Academy Sciences, Dept Renal and Body Fluid Physiology, Warsaw, POLAND.
SP052
THE STUDY OF ENDOTHELIAL FUNCTION IN CKD: IS DIGITAL PLETHYSMOGRAPHY A RELIABLE SURROGATE OF FLOW MEDIATED VASODILATION IN THE BRACHIAL ARTERY IN THE FOREARM? 
Rocco Tripepi1, Giuseppe Curatola1, Vincenzo Panuccio2, Maria Carmela Versace3, Giovanni Tripepi3, Carmine Zoccali1, Francesca Mallamaci2, 1National Research Council, CNR-IFC, Reggio Calabria, ITALY, 2CNR-Grande Osp Metropolitano, CNR-IFC & Nephrology, Dialysis and Transplantation Unit, Reggio Calabria, ITALY, 3National Research Council, IFC-CNR, Reggio Calabria, ITALY.

SP053
THE CLINICAL SIGNIFICANCE OF PHYSICAL ACTIVITY IN ADULT MAINTENANCE DIALYSIS PATIENTS 
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SP054
ASSOCIATION OF MAGNESIUM WITH ALL CAUSE AND CARDIOVASCULAR MORTALITY IN CHRONIC KIDNEY DISEASE AND END STAGE RENAL DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF COHORT STUDIES 
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SP055
CARDIOVASCULAR RISK FACTORS, LIFESTYLE AND KIDNEY FUNCTION DECLINE IN STABLE OLDER POST-MYOCARDIAL INFARCTION PATIENTS RECEIVING OPTIMAL DRUG THERAPY: A PROSPECTIVE COHORT STUDY 
Kevin Esmeijer1,2, Johanna M. Geleijnse3, Johan W. de Fijter1, Erik J. Giltay4, Frits R. Rosendaal2, Daan Kromhout5, Ellen K. Hoogeveen1,2,6, 1Leids Universitair Medisch Centrum, Nephrology, Leiden, NETHERLANDS, 2Leids Universitair Medisch Centrum, Clinical Epidemiology, Leiden, NETHERLANDS, 3Wageningen Univ, Div Human Nutrition, Wageningen, NETHERLANDS, 4Leids Universitair Medisch Centrum, Psychiatry, Leiden, NETHERLANDS, 5Univ Medical Center Groningen, Epidemiology, Groningen, NETHERLANDS, 6Jeroen Bosch Hosp, Nephrology, Den Bosch, NETHERLANDS.

SP056
INCREASED PLASMA NGAL LEVELS ARE INDEPENDENTLY ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE 
Dong Won Lee1, Soo Bong Lee1, Il Young Kim1, Joo Hui Kim1, Harin Rhee2, Sang Heon Song2, Eun Young Seong2, Ihm Soo Kwak2, 1Pusan National Univ Yangsan Hosp, Dept Internal Medicine, Yangsan, SOUTH KOREA, 2Pusan National Univ Hosp, Dept Internal Medicine, Busan, SOUTH KOREA.

SP057
EFFECT OF THROMBOTIC MICROANGIOPATHY ON CLINICAL OUTCOMES IN PATIENTS WITH LUPUS NEPHRITIS 
Krishan L. Gupta, Naveen Pattanashetti, Raja Ramachandran, Postgraduate Inst Medical Education and Research, Nephrology, Chandigarh, INDIA.

SP058
GENETIC ASPECTS OF OBSTETRIC AHUS 
Yulia Korotchaeva1, Natalia Kozlovskaya1, Kseniya Demyanova1, Larisa Bobrova1, Petr Shatalov2, Dmitriy Korostin3, Ilinsky Valery3, Dmitriy Borisevich3, Anna Krasenko3, 1M. Sechenov First Moscow State Medical Univ, nephrology, Moscow, RUSSIAN FEDERATION, 2Research and Clinical Inst Pediatrics at the Pirogov Russian National Research Medical Univ, genetics, Moscow, RUSSIAN FEDERATION, 3Genotek Inc, genetics, Moscow, RUSSIAN FEDERATION.

SP059
LUPUS LOW DISEASE ACTIVITY STATE (LLDAS) IN PATIENTS WITH LUPUS NEPHRITIS 
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SP060
INVESTIGATION OF THE RELATIONSHIP BETWEEN DISEASE SEVERITY AND DEVELOPMENT OF AMYLOIDOSIS AND GENETIC MUTATION IN FMF DISEASE 
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SP061
EFFICACY AND SAFETY OF PERCUTANEOUS LEFT ATRIAL APPENDAGE CLOSURE IN CHRONIC KIDNEY DISEASE PATIENTS WITH ATRIAL FIBRILLATION: RESULTS OF A 7-YEAR REGISTRY
Miguel Bigotte Vieira1, Miguel Nobre Menezes2, Ana Rita Francisco2, Pedro Carrilho Ferreira2, Luís Carpinteiro2, Eduardo Infante de Oliveira2, Pedro Canas da Silva2, António Gomes da Costa1, Fausto J. Pinto2, 1Santa Maria Univ Hosp (CHLN), Nephrology and Renal Transplantation Dept, Lisbon, PORTUGAL, 2Santa Maria Univ Hosp (CHLN), Lisbon Academic Medical Center, CCUL, Cardiology Dept, Lisbon, PORTUGAL.

SP062
ASSOCIATION BETWEEN EARLY IMPAIRMENT IN RENAL FUNCTION AND CHANGES IN CARDIAC STRUCTURE AND FUNCTION
Liana Xhakollari1,2, Margrét Leósdóttir3,2, Martin Holzmann4, Peter Nilsson2, Anders Christensson1,2, 1Skåne Univ Hosp, Nephrology, Malmö, SWEDEN, 2Lund Univ, Clinical Sciences, Malmö, SWEDEN, 3Skåne Univ Hosp, Clinical Medicine, Odense, DENMARK, 4Karolinska Univ Hosp, Medicine, Stockholm, SWEDEN.

SP063
LONG NON-CODING RNA, MGAT3-AS1, IN KIDNEY DISEASE AND PREDICTION OF ALLOGRAFT FUNCTION
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SP064
AZATHIOPRINE VERSUS MYCOPHENOLATE MOFETIL AS MAINTENANCE THERAPY FOR LUPUS NEPHRITIS: A SINGLE-CENTRE EXPERIENCE
Rita Leal, Fernando Macário, José Gago, Lidia Santos, Ana Galvão, Rui Alves, Centro Hosp e Univ Coimbra, Nephrology, Coimbra, PORTUGAL.

SP065
DESCRIPTIVE ANALYSIS OF AN HISTORICAL COHORT OF PATIENTS WITH THROMBOTIC MICROANGIOPATHY (TMA)
Tania Linares Grávalos, Ana Garcia-Prieto, Marian Goicoechea, Ursula Verdalles, Alba Santos, Nicolás Macías, María Soledad García De Vinuesa, Patrocínio Rodriguez, Fernando Anaya, José Luño, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

SP066
LONG-TERM RAMIPRAT: A RENAL FUNCTION FOLLOW-UP STUDY
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SP067
CARDIOVASCULAR EVENTS IN ANCA-ASSOCIATED VASCULITIS: A META-ANALYSIS OF OBSERVATIONAL STUDIES
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SP068
CARDIO-ANKLE VASCULAR INDEX IS PREDICTED BY FIBROBLAST GROWTH FACTOR 23 AND INTIMA-MEDIA THICKNESS IN NON-DIALYSIS CHRONIC KIDNEY DISEASE
Ana-Maria Mehединти1, Gabriel Stefan1,2, Simona Stancu1,2, Liliana Viasu1, Cristina Capusa1,2, Gabriel Mircescu1,2, 1Dr. Carol Davila Teaching Hosp, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, ROMANIA.

SP069
VALIDITY OF CURRENT EQUATIONS TO ESTIMATE GLOMERULAR FILTRATION RATE IN GERIATRIC POPULATION
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SP070
KIDNEY BIOPSY FINDINGS IN PATIENTS WITH PRIMARY SJÖGREN SYNDROME
Kamilia Klimek1, Francisco J Toyos-Saenz-de Miera2, Jose F de la Prada-Alvarez1, Sofia Pereira-Gallardo3, Sebastian Umbria-Jimenez2, Federico Navarro-Sarabia2, Mercedes Salgueira-Lazo1, 1Virgen Macarena Univ Hosp, Dept Nephrology, Seville, SPAIN, 2Virgen Macarena Univ Hosp, Dept Rheumatology, Seville, SPAIN, 3Virgen Macarena Univ Hosp, Dept Pathology, Seville, SPAIN.
SP071
ROLE OF COMPLEMENT IN SCLERODERMA RENAL CRISIS
Anne-Lyse Langlois1, Véronique Fremeaux-Bacchi2, Luc Mouton3, André Pruna4, Yabsou Delmas5, Quentin Rainbourge6, Eric Thervet1, Alexandre Karras1, 1HEGP, Nephrology, Paris, FRANCE, 2HEGP, Immunology, Paris, FRANCE, 3Cochin Hosp, Internal Medicine, Paris, FRANCE, 4Chartres Hosp, Nephrology, Chartres, FRANCE, 5Bordeaux Hosp, Nephrology, Bordeaux, FRANCE, 6Bichat-Claude Bernard Hosp, Nephrology, Paris, FRANCE.

SP072
PROTEINURIA AND MICROSCOPIC HEMATURIA ARE SIMPLE SIGNS OF SYSTEMIC INFLAMMATION LEADING TO POOR PROGNOSIS IN INDIVIDUALS WITH NON-HODGKIN LYMPHOMA
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SP073
NEUTROPHIL TO LYMPHOCYTE RATIO IS AN INDEPENDENT PREDICTOR OF SEVERITY OF CORONARY ARTERY DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Dong Won Lee1, Soo Bong Lee1, Joo Hui Kim1, Il Young Kim1, Harin Rhee2, Sang Heon Song2, Eun Young Seong2, Ihm Soo Kwak2, 1Pusan National Univ Yangsan Hosp, Dept Internal Medicine, Yangsan, SOUTH KOREA, 2Pusan National Univ Hosp, Dept Internal Medicine, Busan, SOUTH KOREA.

SP074
KIDNEY BIOPSY IN THE VERY ELDERLY: TECHNICAL CONSIDERATIONS AND PROCEDURAL OUTCOMES
Jadranka Buturovic-Ponikvar1,2, Miha Arnol1,2, Vladimir Premru1, Marko Malovrh1, Jernej Pajek1, 1Univ Medical Center Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA, 2Univ Ljubljana, Fac Medicine, Ljubljana, SLOVENIA.

SP075
LUPUS NEPHRITIS: THE IMPACT OF GENDER IN PRESENTATION AND PROGNOSIS
Rita Leal, Fernando Macário, José Gago, Lídia Santos, Ana Galvão, Rui Alves, Centro Hosp e Univ Coimbra, Nephrology, Coimbra, PORTUGAL.

SP076
RISK AND PREDICTORS OF THE DEVELOPMENT OF PROTEINURIA IN PATIENTS WITH SYSTEMIC SCLEROSIS IN THE FIVE-YEAR OBSERVATION
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SP077
INVESTIGATING THE UTILITY OF ANTI-MULLERIAN HORMONE IN YOUNG WOMEN WITH CHRONIC KIDNEY DISEASE
Sokratis Stoumpos1,2, Jennifer Lees1,2, Paul Welch2, Colin C. Geddes1, Scott M. Nelson3, Patrick B. Mark2,1, 1Queen Elizabeth Univ Hosp, Renal & Transplant Unit, Glasgow, UK, 2Univ Glasgow, Cardiovascular Research Centre, Glasgow, UK, 3Univ Glasgow, School Medicine, Glasgow, UK.

SP078
THE POSSIBILITY OF RENAL REGENERATION BY PROSTAGLANDIN IN IGA NEPHROPATHY AND FSGS
Sihyung Park, Yoo Jin Lee, Bong Soo Park, Yang Wook Kim, Inje Univ Haeundae Paik Hosp, internal medicine, Busan, SOUTH KOREA.

SP079
LAMIVUDINE THERAPY ON HEPATITIS B VIRUS-ASSOCIATED MEMBRANOUS NEPHROPATHY IN ACTIVE HEPATITIS B AND INACTIVE CARRIERS: A PROSPECTIVE COHORT STUDY IN CHINESE ADULTS
Jing Fang, Wenge Li, Zhao Tan, Min Tan, China-Japan Friendship Hosp, nephrology, Beijing, CHINA.

SP080
SUSTAINABILITY OF INTEGRATED CARE ON DELAYING CKD PROGRESSION AND POSSIBLE EXPLANATIONS: A LONG-TERM FOLLOW-UP OF ESCORT STUDY
Teerayuth Jiamjariyapon, Bhumirajanagarindra Kidney Inst, Nephrology, Bangkok, THAILAND.

SP081
ASSESSMENT OF BODY COMPOSITION IN PATIENTS WITH CHRONIC KIDNEY DISEASE USING MULTIPLE-FREQUENCY BIOELECTRICAL IMPEDANCE ANALYSIS
Andreea Andronesi1,2, Cristina Ro&aelig;bl, V&aelig;ld Berbecar1,2, Danut Andronesi3, Andreea Gamala1, Bogdan Obrisca1, G&aelig;nger Ismail1,2, 1Fundeni Clinical Inst, Nephrology Dept, Bucharest, ROMANIA, 2UMF Carol Davila, Nephrology Dept, Bucharest, ROMANIA, 3Fundeni Clinical Inst, Dept General Surgery and Liver Transplantation, Bucharest, ROMANIA.
SP082
P-ANCA (POSITIVE) VASCULITIS FOLLOWING INTRAVESICAL INSTILLATION OF BACILLUS CALMETTE-GUERIN
Aysegul Kudulu, Suheyla Apaydini, Murvet Yilmaz, Fatih Gokhan Akbay, Sibel Kocak, Arzu Ozdemir Kayalar, Gunden Deger, Aysim Ozsgari, 1Univ Health Sciences Bakırköy Dr Sadi Konuk Research and Training Hosp, Nephrology, Istanbul, TURKEY, 2Sisli Hamidiye Etifal Training and Research Hosp, pathology, Istanbul, TURKEY.

SP083
SERUM OSTEOPROTEGERIN IS AN INDEPENDENT MARKER OF CENTRAL ARTERIAL STIFFNESS BY USING CAROTID-FEMORAL PULSE VELOCITY IN HAEMODIALYSIS PATIENTS
Jia-Sian Hou, Chih-Hsien Wang, Chi-Huang Kuo, Bang-Gee Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Hualien, TAIWAN.

SP084
HUMAN INSULIN VS ASPART AND INCIDENCE OF HYPOGLYCEMIA IN THE MANAGEMENT OF HYPERKALEMIA
Armando Coca, Ana Lucia Valencia, Cristina Ferrer, Alicia Sobrino, Jimmy Sanchez, Jesus Bustamante, Alicia Mendiluce, 1Hosp Clinico Univ, Nephrology, Valladolid, SPAIN, 2Univ Valladolid, Medicine, Dermatology and Toxicology, Valladolid, SPAIN.

SP085
30% GFR DECLINE WITHIN 2 YEARS WAS EARLIER BUT INSENSITIVE RENAL OUTCOME AMONG CKD PATIENTS INITIATED HEMODIALYSIS: A LONGITUDINAL GFR TRAJECTORY ANALYSIS
Ahmad Baseer Kainahi, Yoshinari Yasuda, Takayuki Katsuno, Sawako Kato, Takahiro Inai, Kiyu, Tatsuo Hishida, Koji Inagaki, Asaka Hachiya, Naotake Tsuboi, Shochi Maruyama, 1Nagoya Univ Graduate School Medicine, Dept Nephrology, Nagoya city, JAPAN, 2Nagoya Univ Graduate School Medicine, Dept Nephrology, Nagoya city, JAPAN.

SP086
LOW TRIIODOTHYRONINE SYNDROME IS ASSOCIATED WITH HIGH BETA 2 MICROGLOBULIN IN HEMODIALYSIS PATIENTS
Hong joo Lee, Jung mi Shin, Seoul Red Cross Hosp, Dept Nephrology, Seoul, SOUTH KOREA.

SP087
PITAVASTATIN VERSUS ATORVASTATIN IN THE TREATMENT OF RENAL TRANSPLANT DYSLIPIDEMIA
Michele Froment Blum, German Perez-Suarez, Eduin Martin Izquierdo, Patricia Garcia Garcia, Ana Jarque Lopez, Antonio Rivero Gonzalez, Jose Manuel Gonzalez-Podas, Manuel Maca Heras, Univ Hosp Ntra. Sra. de Candelaria, Nephrology, Tenerife, SPAIN.

SP088
EVALUATION OF PHYSIOLOGICAL AND BIOCHEMICAL PARAMETERS IN LIVING KIDNEY DONORS - PRE AND POST DONATION
Dipankar Bhowmik, Ankur Gupta, Rakesh Kumari, R Lakshmy, Sandeep Guleria, Sanjay K. Agarwall, 1All India Inst Medical Sciences, Nephrology, New Delhi, INDIA, 2All India Inst Medical Sciences, Nuclear Medicine, New Delhi, INDIA, 3All India Inst Medical Sciences, Cardiac-Biochemistry, New Delhi, INDIA, 4All India Inst Medical Sciences, Surgical Disciplines, New Delhi, INDIA.

SP089
PREVALENCE AND CLINICAL IMPLICATIONS OF TYPE D PERSONALITY IN RENAL TRANSPLANT, CONTINUOUS AMBULATORY PERITONEAL DIALYSIS AND HAEMODIALYSIS PATIENTS: A SINGLE CENTRE EXPERIENCE
Sudhoharan Sivathan, Lily Mushahar, Govin Saral Malar Govindah, Tuanku Ja’afar Hosp, Dept Nephrology, Seremban, MALAYSIA.

SP090
CTX VS STEROID IN THE TREATMENT OF PRIMARY SJOGREN’S SYNDROME WITH TIN
Shen Yuqi, Ren Hong, Ruijin Hosp, Shanghai, Div Nephrology, Ruijin Hosp, Shanghai, CHINA.

SP091
RESIDUAL RENAL FUNCTION AND CARIOVASCULAR DISEASE IN END STAGE OF RENAL DISEASE
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SP092
THE POSITIVE ASSOCIATION BETWEEN SERUM MAGNESIUM LEVELS AND PLASMA ALDOSTERONE CONCENTRATIONS IN CKD
Masamitsu Senda, Takayuki Hamano, Keichi Kubota, Tatsufumi Oka, Yusuke Yonemoto, Yusuuke Sakaguchi, Chikako Nakano, Yoshitaka Isaka, Toshihiko Moriyama, 1Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Osaka, JAPAN, 2Osaka Univ, Health Care Center, Osaka, JAPAN, 3Osaka Univ Graduate School Medicine, Dept Nephrology, Osaka, JAPAN.

SP093
THE POSITIVE ASSOCIATION BETWEEN SERUM MAGNESIUM LEVELS AND PLASMA ALDOSTERONE CONCENTRATIONS IN CKD
Masamitsu Senda, Takayuki Hamano, Keichi Kubota, Tatsufumi Oka, Yusuke Yonemoto, Yusuuke Sakaguchi, Chikako Nakano, Yoshitaka Isaka, Toshihiko Moriyama, 1Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Osaka, JAPAN, 2Osaka Univ, Health Care Center, Osaka, JAPAN, 3Osaka Univ Graduate School Medicine, Dept Nephrology, Osaka, JAPAN.
Posters

SP093
FAMILIAL LECITHIN-CHOLESTEROL ACYLTRANSFERASE DEFICIENCY: REPORT OF A CASE
Margareta Fistrek Prlic1, Marijana Coric2, Laura Calabresi3, Chiara Pavanello4, Mario Laganovic1, Sandra Karanovic1, Zivka Dika1, Tajana Zeljkovic Vrkić1, Bojan Jelakovic1, 1UHC Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2UHC Zagreb, Dept Pathology, Zagreb, CROATIA, 3Univ Milano, Dept Pharmacological and Biomolecular Sciences, Milano, ITALY, 4Niguarda Hosp, Dept Lipid Disorders, Milano, ITALY.

SP094
HOW IS BONE DOING IN OUR LUPUS PATIENTS - AN OBSERVATIONAL STUDY
Ana Catarina Teixeira, Nuno Oliveira, Rui Alves, Centro Hosp e Univ Coimbra, Nephrology, Coimbra, PORTUGAL.

SP095
PREVALENCE OF LOW BONE DENSITY AND FRAGILITY FRACTURES IN PATIENTS WITH LUPUS NEPHRITIS
Rute Carmo1, Teresa Martins-Rocha2, Luís Mendonça1, Inês Ferreira1,3, Ricardo Neto1,3, Edite Pereira4, Eva Mariz2, Manuel Pestana1,3, ISão João Hosp Center, Nephrology, Porto, PORTUGAL, 2São João Hosp Center, Reumatology, Porto, PORTUGAL, 3Inst Investigação e Inovação em Saúde (i3S), Inst Nacional Engenharia Biomédica (INEB), Nephrology and Infectious Diseases Research, Porto, PORTUGAL, 4ISão João Hosp Center, Internal Medicine, Porto, PORTUGAL.

SP096
THE HISTOPATHOLOGIC SPECTRUM OF KIDNEY BIOPSIES IN HUMAN IMMUNODEFICIENCY VIRUS POSTIVE PATIENTS
Khalfaoui Mohamed Amine, N. Mtioui, S. Elkhayat, M Zamd, G. Medkouri, M. Benghanem Gharbi, B. Ramdani, Dr, Nephrology, Casablanca, MOROCCO.

SP097
EFFICACY OF LDL APERATURESIS FOR INITIAL INDUCTION OF NEPHROTIC MEMBRANOUS NEPHROPATHY
Eri Ito, Kiyomi Koike, Akihito Tanaka, Yu Watanabe, Naoki Kamegai, Hiroya Shimogushi, Minako Murata, Hibiki Shinjo, Yasuhiro Otsuka, Asami Takeda, Nagoya Daini Red Cross Hosp, Nephrology, Nagoya, JAPAN.

SP098
ANTICOAGULANT RELATED NEPHROPATHY IN A PATIENT WITH IGA NEPHROPATHY
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SP099
RENAL SURVIVAL AND PROGNOSTIC FACTORS IN 34 PATIENTS WITH ANCA-ASSOCIATED GLOMERULO-NEPHRITIS
Tetsuro Takeda1, Atsunori Yoshino1, Yuu Kaneko1, Hideo Misawa1, Katsuhiko Nagahori1, Atsushi Kitazawa1, Shinya Kawamoto1, Yoshihiko Ueda2, 1DKokkyo Medical Univ Koshigaya Hosp, Nephrology, Koshigaya, JAPAN, 2DKokkyo Medical Univ Koshigaya Hosp, Pathology, Koshigaya, JAPAN.

SP100
IS RENAL STIFFNESS MEASURED USING ELASTOGRAPHY INFLUENCED MAINLY BY VASCULAR FACTORS?
Flaviu Bob1, Iulia Grosu1, Ioan Spore2, Romulus Timar3, Daniel Lighezan4, Alina Popescu2, Roxana Sirli2, Roxana Buzas4, Ligia Petrica1, Mircea Munteanu3, Diana Lighezan4, Adalbert Schiller1, 1Univ Medicine and Pharmacy Victor Babes Timisoara, Nephrology, Timisoara, Romania, 2Univ Medicine and Pharmacy Victor Babes Timisoara, Gastroenterology, Timisoara, ROMANIA, 3Univ Medicine and Pharmacy Victor Babes Timisoara, Diabetes, Timisoara, ROMANIA, 4Univ Medicine and Pharmacy Victor Babes Timisoara, Internal Medicine I, Timisoara, ROMANIA.

SP101
IMPACT OF THE MULTIDISCIPLINARY TEAM FOR THE MANAGEMENT OF THE THROMBOTIC MICROANGIOPATHY
Miguel Urol Riveral1, Sheila Cabello Polegrin2, Maria del Carmen Ballester Ruiz3, Bernardo López Andrade3, Javier Lumbrares Fernandez4, Olga Delgado Sanchez5, 1Hosp Son Espases, Nephrology, Palma de Mallorca, SPAIN, 2Hosp Unv Son Espases, Nephrology, Palma de Mallorca, SPAIN, 3Univ Hosp Son Espases, Hematology, Palma de Mallorca, SPAIN, 4Hosp Son Espases, Pediatric Nephrology, Palma de Mallorca, SPAIN, 5Univ Hosp Son Espases, Pharmacy, Palma de Mallorca, SPAIN.

SP102
HEPATOTOXICITY ASSOCIATED WITH ECULIZUMAB TREATMENT
Aysegul Oruc1, Yavuz Ayar1, Nimet Aktaş2, Abdülmecit Yıldız1, Mahmut Yavuz1, Alparslan Ersoy1, Kamil Dilek1, Mustafa Gullulu1, 1Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY, 2Cekirge State Hosp, Nephrology, Bursa, TURKEY.
**Posters**

**GLOMERULONEPHRITIS I**

**SP103**
PODOCYTES REGULATE GLOMERULAR BASEMENT MEMBRANE NEPHRONECTIN VIA MIR-378A IN GLOMERULAR DISEASES
Janina Müller-Deile1, Jan Dannenberg1, Jeffrey H. Miner2, Jan-Hinrich Bräsen Bräsen3, Patricia Schroder4, Hermann Haller1, Johan M. Lorenzen1, Mario Schiffer1,1Hannover Medical School, Nephrology, Hannover, GERMANY, 2Washington Univ School Medicine, Div Nephrology, St. Louis, MO, 3Hannover Medical School, Pathology, Hannover, GERMANY, 4Mount Desert Island Biological Lab, Nephrology, Salisbury Cove, ME.

**SP104**
IS THERE LONG-TERM VALUE OF PATHOLOGY SCORING IN IGA NEPHROPATHY? A VALIGA UPDATE

**SP105**
TLR9 ACTIVATION INDUCES OVERPRODUCTION OF ABERRANTLY GLYCOSYLATED IGA THROUGH APRIL MEDIATED PATHWAY IN IGA NEPHROPATHY
Yuko Makita1, Hitoshi Suzuki1, Toshiki Kano1, Akiko Takahata1, Julian Bruce2, Jan Novak2, Yusuke Suzukii, 1Dept Internal Medicine Juntendo Univ Fac Medicine, Nephrology, Tokyo, JAPAN, 2Univ Alabama Birmingham, Microbiology, Birmingham, AL.

**SP106**
C3 DEPOSITION MAY IMPLICATE DISEASE PROGRESSION IN PATIENTS WITH PRIMARY FOCAL SEGMENTAL GLOMERULONECROSIS
Safak Mirioglu1, Ahmet B. Dirim1, Zulal Istemihan1, Arif Akyildiz1, Ali R. Ucar2, Yasemin Ozhuk3, Aydin Turkmnen2, Yasar Caliskan2, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 3Istanbul Univ, Istanbul Fac Medicine, Dept Pathology, Istanbul, TURKEY.

**SP107**
COMPLEMENT REGULATORY PROTEINS IN KIDNEYS OF PATIENTS WITH ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY ASSOCIATED VASCULITIS
Lu Cheng, Shengju Gou, Liang Ma, Ping Fu, Div Nephrology, Kidney Research Inst, West China Hosp Sichuan Univ, Sichuan Univ, Chengdu, CHINA.

**SP108**
PODO-GPCR2-A NOVEL PODOCYTE TARGET PLAYS A PATHOGENIC ROLE IN THE DEVELOPMENT OF DIABETIC NEPHROPATHY
Xiaojie Ma, Jaakko Patrakka, Karolinska Inst/AstraZeneca Integrated Cardio Metabolic Centre (ICMC), Lab Medicine, Huddinge, SWEDEN.

**SP109**
SERUM C3 AND RENAL OUTCOME IN PATIENTS WITH PRIMARY FOCAL SEGMENTAL GLOMERULONECROSIS
Jian Liu, Jingyuan Xie, Xiaoyan Zhang, Jun Tong, Xu Hao, Hong Ren, Hong Ren, Weiming Wang, Nan Chen, Ruijin Hosp, Shanghai Jiao Tong Univ, School Medicine, Dept Nephrology, Shanghai, CHINA.

**SP110**
REMISSION OF HEMATURIA IMPROVES RENAL SURVIVAL IN IGA NEPHROPATHY
Angel M. Sevillano, Eduardo Gutierrez, Claudia Yuste, Teresa Cavero, Evangelina Merida, Paola Rodriguez, Ana Garcia, Cristina Fernandez, Juan A. Moreno, Manuel Praga, Inst investigacion Hosp 12 de Octubre, Nephrology, Madrid, SPAIN.

**SP111**
IGA NEPHROPATHY ASSOCIATES WITH EXTENSIVE CHANGES IN THE GLOMERULAR EXTRACELLULAR MATRIX PROTEOME
Teodora Ioana Flavia Paunas1, Kenneth Finne2, Frode Berven3, Hans-Peter Marti2, Sabine Maria Leb2,4, Bjorn Egil Vikes2,1Haugesund Hosp, Dept Internal Medicine, Haugesund, NORWAY, 2Univ Bergen, Renal Research Group, Dept Clinical Medicine, Bergen, NORWAY, 3Univ Bergen, Dept Biomedicine, Bergen, NORWAY, 4Haukeland Univ Hosp, Dept Pathology, Bergen, NORWAY.
Posters

SP112
DIAGNOSTIC VALUE OF URINARY NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AS A PREDICTOR OF TUBULOINTERSTITIAL DAMAGE IN PATIENTS WITH PRIMARY GLOMERULONEPHRITIS
Elena Saganova, Olga Galkina, Vasily Sipovskii, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Nephrology, Saint Petersburg, RUSSIAN FEDERATION.

SP113
THE EFFECT OF OMS721 ON PROTEINURIA IN PATIENTS WITH IGA NEPHROPATHY
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SP114
DYNAMICS OF RENAL T-CELL INFLAMMATION IN ANCA-ASSOCIATED RENAL VASCULITIS: DOMINANCE OF ANTIGEN-SPECIFIC TH17 CELLS
Julia Kotte1, Zeng Ye1, Tanja Hinkeldein1, Andreas Krübben1, Zhu Jiqiao1, Alexandra Brinkhoff1, Jan Willem Cohen Tervaert2, Pieter van Paassen2, Sebastian Dollf3, Oliver Witzke3, Benjamin Wildel1, 1Univ Hosp Essen, Univ Duisburg-Essen, Dept Nephrology, Essen, GERMANY, 2Maastricht Univ, Immunology, Maastricht, NETHERLANDS, 3Univ Hosp Essen, Univ Duisburg-Essen, Dept Infectious Diseases, Essen, GERMANY.

SP115
IMMUNE-COMPLEXES FORMATION DEPENDS ON APOPTOSIS INHIBITOR OF MACROPHAGE IN IGA NEPHROPATHY
Akiko Takahata1, Satoko Arai2, Kento Kitada2, Kimi Araki3, Chieko Nogi1, Hitoshi Suzuki1, Junichiro Nakata1, Satoshi Horikoshi1, Toru Miyazaki2, Yusuake Suzuki1, JIjunto Univ Fac Medicine, Dept Nephrology, Tokyo, JAPAN, 2Univ Tokyo Fac Medicine, Lab Molecular Biomedicine for Pathogenesis, Center Disease Biology and Integrative Medicine, Tokyo, JAPAN, 3Kumamoto Univ, Inst Resource Development and Analysis, Div Development Analysis, Kumamoto, JAPAN.

SP116
CIRCULATING TREGS AND TH17 CELLS PERCENTAGES IN CLASS IV DIFFER FROM OTHER CLASSES OF LUPUS NEPHRITIS
Bartosz Foroncewicz1, Katarzyna Bocian2, Krzysztof Mucha1,3, Agnieszka Wirkowska1, Anna Truszewska1,4, Agnieszka Perkowska-Ptasińska5, Grażyna Korczak-Kowalska2,6, Leszek Pączek1,3, 1Medical Univ Warsaw, Dept Immunology, Transplantology and Internal Diseases, Warsaw, POLAND, 2Univ Warsaw, Dept Immunology, Fac Biology, Warsaw, POLAND, 3Polish Academy Sciences, Inst Biochemistry and Biophysics, Warsaw, POLAND, 4Medical Univ Warsaw, Postgraduate School Molecular Medicine, Warszawa, POLAND, 5Medical Univ Warsaw, Dept Transplantation Medicine, Nephrology and Internal Diseases, Warszawa, POLAND, 6Medical Univ Warsaw, Dept Clinical Immunology, Warsaw, POLAND.

SP117
PROLONGED REMISSION IN PATIENTS WITH LUPUS NEPHRITIS
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SP118
THE ROLE OF HLA-LOCI IN THE PATHOGENESIS OF IGA NEPHROPATHY
Omer Uludag1, Tarik O. Tiryaki1, Sebahat Akgul2, Sonay Temurhan2, Ege Sinan Torun1, Safak Miroglu1, Ayse S. Artan3, Mehmet S. Sever4, Yasar K. Caliskan4, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Fatih, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Medical Biology, Fatih, Istanbul, TURKEY, 3Istanbul Gayrimenkul Sonucları, Oyun ve Spor Merkezi, Istanbul, TURKEY, 4Sechenov First Moscow Medical Univ, Nephrology Clinic, Moscow, RUSSIAN FEDERATION, 5Royal Hallamshire Hospital, Rheumatology, Sheffield, UK.

SP119
ADULT-ONSET IGA VASCULITIS TREATED WITH RITUXIMAB. A CASE SERIES
F Maritati1, R Fenoglio2, E Pillebout3, G Emmi4, ML Urban5, Aj Mohammad6, D Jayne5, S. F. B. 1Parma Univ Hosp, Nephrology, Parma, ITALY, 2Cambridge, UK, 3Luton and Dunstable Hosp, 4Sechenov First Moscow Medical Univ, Nephrology Clinic, Moscow, RUSSIAN FEDERATION, 5Royal Hallamshire Hospital, Rheumatology, Sheffield, UK.

SP120
MEMBRANOUS LUPUS NEPHRITIS: THERAPY, PROGNOSIS AND OUTCOME PREDICTORS
Rita Leal, Fernando Macário, José Gago, Lidia Santos, Ana Galvão, Rui Alves, Centro Hosp e Univ Coimbra, Nephrology, Coimbra, PORTUGAL.
SPI21 RELAPSING STEROID-RESPONSIVE ACUTE INTERSTITIAL NEPHRITIS: A CASE SERIES
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SPI22 COMPLEMENT GENE VARIANTS DETERMINE THE RISK OF PROGRESSION TO KIDNEY FAILURE IN C3 GLOMERULOPATHY
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SPI23 COMPARATIVE ASSESSMENT OF DIAGNOSTIC VALUE OF VARIOUS GLOMERULAR FILTRATION RATE ESTIMATING EQUATIONS AS PREDICTORS OF TUBULOINTERSTITIAL DAMAGE IN PATIENTS WITH PRIMARY GLOMERULONEPHRITIS
Elena Saganova, Olga Galkina, Vasiliy Sipovskii, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Nephrology, Saint Petersburg, RUSSIAN FEDERATION.

SPI24 IN VITRO EVALUATION OF INDUCTION OF CYTOCHROME P450 ENZYMES BY SPARSENTAN AND EFFECTS OF ITS METABOLISM BY POTENTIAL XIN-RU PAN-ZHOU, KEVIN LEACH, RETROPHIN, INC., RESEARCH AND NON-CLINICAL DEVELOPMENT, CAMBRIDGE, MA.

SPI25 THE STEROID TAPERING IN ANCA VASCULITIS EVALUATION STUDY (STAVE) 2: A SYSTEMATIC REVIEW AND META-ANALYSIS
Jennifer C. Rodrigues1, David Collister1, Amy Archer2, Kim Cheema3, Paul Alexander4, Christian Pagnoux5, Peter A. Merkel6, David Jayne7, Michael Walsh1, 1McMaster Univ, Nephrology, Hamilton, ON, CANADA, 2Northwestern Univ, Rheumatology, Chicago, IL, 3Univ Calgary, Nephrology, Calgary, AB, CANADA, 4McMaster Univ, Dept Health Research Methods, Evidence, and Impact, Hamilton, ON, CANADA, 5Univ Toronto, Rheumatology, Toronto, ON, CANADA, 6Univ Pennsylvania, Rheumatology, Philadelphia, PA, 7Cambridge, Rheumatology, Cambridge, UK.

SPI26 ACUTE KIDNEY INJURY AND REMISSION OF PROTEINURIA IN ADULT-ONSET MINIMAL CHANGE DISEASE; A MULTICENTER RETROSPECTIVE COHORT STUDY
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SPI27 PROGNOSTIC EVALUATION TOOLS IN IGA NEPHROPATHY. OXFORD CLASSIFICATION (MEST SCORE) AND IGA PROGRESSION CALCULATOR
Luis Martín-Penagos1, Emilio Rodrigo1, Gema Fernandez Fresnedo1, Luis Galvan1, Jairo Bada1, Adalberto Benito1, Vanesa Calvo2, Javier Gomez-Roman3, Angel Luis Martin De Francisco1, 1Marques de Valdecilla Univ Hosp, Nephrology, Santander, SPAIN, 2Marques de Valdecilla Univ Hosp, Rheumatology, Santander, SPAIN, 3Marques de Valdecilla Univ Hosp, Histology and Pathology, Santander, SPAIN.

SPI28 LONG TERM FOLLOW UP OF PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY (IMN). EVALUATION OF PROGRESSION AND OUTCOME OF THE DISEASE IN RELATION TO IMMUNOSUPPRESSIVE OR NO THERAPY
Vasiliki Choulitoudi1, Athanasios Douras1, Marielena Papadaki1, Christine Vourlakou2, George Kiriakopoulos2, Anastasios Michalopoulos1, Eleni Krasoudaki1, Rodanthi Theodoroullou1, Eletheria Bei1, Vasilios Margellos1, Theofanis Apostolou1, EVangelismos, Ophthalmiatrio and Polyclinic Athens General Hosp, Nephrology, Athens, GREECE, 2Evangelismos, Ophthalmiatrio and Polyclinic Athens General Hosp, Pathology, Athens, GREECE.
Posters

SP129
FOCAL PODOCYTE DEPLETION IN CRESCENTIC NEPHRITIS: ANALYSIS OF WHOLE GLOMERULI WITH OPTICAL CLEARING AND LINEAGE TRACING
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SP130
THROMBOTIC MICROANGIOPATHY AS A FACTOR OF IGA-NEPHROPATHY PROGRESSION
Diana Rodriges, Natalia Kozlovskaia, Larisa Bobrova, Ekaterina Stolyarevich, Vladimir Varshavsky, First Moscow State Medical Univ n.a. I.M. Sechenov, Nephrology, Moscow, RUSSIAN FEDERATION.

SP131
PREDICTORS OF RENAL SURVIVAL IN PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY
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SP132
LONG TERM RENAL OUTCOMES IN LUPUS NEPHRITIS AMONG MULTI-ETHNIC SOUTHEAST ASIANS: A RETROSPECTIVE COHORT STUDY
Huizhuan Tan1, Jason CJ Choo1, Xiaoting Huang2, Yok Mooi Chin1, Choong Meng Chan1, Cynthia C. Lim1, Singapore General Hosp, Dept Renal Medicine, Singapore, SINGAPORE, 2National Univ Singapore, Yong Loo Lin School Medicine, Singapore, SINGAPORE.

SP133
RELATIONS BETWEEN URINARY PROTEIN AND RENAL TUBULAR INJURY MARKERS IN MINIMAL CHANGE NEPHROTIC SYNDROME AND PRIMARY MEMBRANOUS NEPHROPATHY: A CROSS-SECTIONAL STUDY
Satoshi Kumakura1, Takehiko Kawaguchil, Eri Okada1, Masaki Uehara1, Mari Okajima1, Takafumi Yamakawa1, Moritoshi Kadomura1, Hiroshi Kitamura2, Toshiyuki Imasawa1, Chiba East Hosp, Dept Nephrology, Chiba, JAPAN, 2Chiba East Hosp, Dept Pathology, Chiba, JAPAN.

SP134
THE THERAPY OF RITUXIMAB IN IDIOPATHIC MEMBRANOUS NEPHROPATHY WITH NEPHROTIC SYNDROME
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SP135
MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS: IS THERE A CORRELATION BETWEEN HISTOPATHOLOGY PATTERN AND TREATMENT OUTCOME? A SINGLE CENTER EXPERIENCE
Massimo Torreggiani, Grazia D. Bonelli, Alice Mariotto, Marco Colucci, Vittoria Esposito, Davide Catucci, Luca Semeraro, Laura Villani, Ciro Esposito, ICS Maugeri s.p.a., Unit Nephrology and Dialysis, Univ Pavia, Pavia, ITALY.

SP136
COMPARATIVE ANALYSIS OF BIOPSY-PROVEN PRIMARY GLOMERULOPATHIES INCIDENCE IN SOUTH-EAST ROMANIA AND NORWAY - A RETROSPECTIVE STUDY OVER THE PAST TWO DECADES
Cristina Capusa1, Hans-Peter Marti2, Gabriel Stefan1, Eugen Mandache3, Cosmin Florescu4, Mihaela Gherghiceanu4, Sabine Leh3, Gabriel Mircescu1, 1Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, ROMANIA, 2Haukeland Univ Hosp, Clinical Medicine, Renal Research Group, Bergen, NORWAY, 3Dr. C. Davila Hosp Nephrology, Pathology, Bucharest, ROMANIA, 4Victor Babes Inst Pathology, Pathology, Bucharest, ROMANIA, 5Haukeland Univ Hosp, Pathology, Bergen, NORWAY.
SP139
CRESCENTIC GLOMERULONEPHRITIS A COHORT OF THIRTY TWO YEARS
Najla Dammak1, Khawla Kammoun1, Yosr Chaabouni1, Aida Charfi1, Mahmoud Kharrat1, Faical Jarraya1, Mohamed Ben Hmida1, Tahia Boudawara2, Jamil Hachicha1, 1Hedi chaker Hosp, Nephrology, Sfax, TUNISIA, 2Habib bourguiba Hosp, Anaomopathology unit, Sfax, TUNISIA.

SP140
ANCA NEGATIVE PAUCI-IMMUNE GLOMERULONEPHRITIS
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SP141
PROGNOSTIC RISK FACTORS FOR IDIOPATHIC MEMBRANOUS NEPHROPATHY
Noriko Hayami, Yoshifumi Ubara, Toranomon Hosp, Kidney Center, Kawasaki-shi, JAPAN.

SP142
CLINICAL CHARACTERISTICS OF IGA NEPHROPATHY ACCORDING TO HISTOLOGIC CLASSIFICATION AND AMOUNT OF PROTEINURIA IN A SINGLE CENTER
Yire Kim1, Ha Nee Jang1, Tae Won Leel, Eunjin Baet, Hyun Soep Cho1,3, Dong Jun Park2,3, Se-Ho Chang1,3, Hyun Jung Kim1,3, 1Gyeongsang National Univ School Medicine and Gyeongsang National Univ Hosp, Dept Internal Medicine, Jinju, SOUTH KOREA, 2Gyeongsang National Univ School Medicine and Gyeongsang National Univ Changwon Hosp, Dept Internal Medicine, Changwon, SOUTH KOREA, 3Gyeongsang National Univ, Inst Health Sciences, Jinju, SOUTH KOREA.

SP143
THE OUTCOME IN PATIENTS WITH MEMBRANO PROLIFERATIVE PATTERN
Andrei Capitanescu1, Gabriel Stefan1, Adrian-Dorin Zugravu1, Simona Stanca1, Cosmin Floreaca2, Eugen Mandache2, Gabriel Mirceaescu1, 1Dr. Carol Davila Clinical Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 2Dr. Carol Davila Clinical Hosp Nephrology, Pathology, Bucharest, ROMANIA.

SP144
RENAL AND CUTANEOUS SYSTEMIC VASCULITIS IN PATIENTS ADDICTED TO COCAINE-LEVAMISOLE: A MISSED DIAGNOSIS?
Francisco V. Veronesel, Verônica V. H. Antunes1, Gustavo G. Thome1, João B. S. Castro Filho1, Fernando S. Thomé1, Dircue R. Silva1, Pedro G. Shafer2, Viviane Sebben3, Alberto Nicolella3, Elvino J. G. Barros1, 1Federal Univ Rio Grande do Sul, Nephrology, Porto Alegre, BRAZIL, 2Federal Univ Rio Grande do Sul, Pathology, Porto Alegre, BRAZIL, 3Toxicological Information Center Rio Grande do Sul, Toxicological Information Center, Porto Alegre, BRAZIL.

SP145
THE EFFECT OF HISTOPATHOLOGICAL CLASSIFICATION ON PROGNOSIS IN ANCA-ASSOCIATED VASCULITIS − SINGLE CENTRAL EXPERIENCE
Mehmet Fethullah Aydin1, Abdülmecit Yildiz2, Ayşegül Oruç1, Berna Aytaç Vuruşkan3, Yavuz Ayar2, Mustafa Gülülü2, Kamil Dilek2, Mahmut Yavuz2, Alparslan Ersoy2, 1Uludağ Univ Medical Fac, Dept Internal Medicine, Bursa, TURKEY, 2Uludağ Univ Medical Fac, Dept Nephrology, Bursa, TURKEY, 3Uludağ Univ Medical Fac, Dept Pathology, Bursa, TURKEY.

SP146
CHARACTERISTICS OF THE PATIENTS WITH MEMBRANOUS GLOMERULONEPHRITIS - REPORT FROM THE CROATIAN REFERRAL CENTRE
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SP147
THE EFFECT OF HISTOPATHOLOGICAL CLASSIFICATION ON PROGNOSIS IN ANCA-ASSOCIATED VASCULITIS - SINGLE CENTRAL EXPERIENCE
Mehmet Fethullah Aydin1, Abdülmecit Yildiz2, Ayşegül Oruç1, Berna Aytaç Vuruşkan3, Yavuz Ayar2, Mustafa Gülülü2, Kamil Dilek2, Mahmut Yavuz2, Alparslan Ersoy2, 1Uludağ Univ Medical Fac, Dept Internal Medicine, Bursa, TURKEY, 2Uludağ Univ Medical Fac, Dept Nephrology, Bursa, TURKEY, 3Uludağ Univ Medical Fac, Dept Pathology, Bursa, TURKEY.

SP148
CLINICAL SIGNIFICANCE OF GENETIC IN PATIENTS WITH C3 GLOMERULOPATHIES
Ayşegül Oruç1, Abdülmecit Yildiz1, Afg Berdeli2, Mahmut Yavuz1, Kamil Dilek1, Mustafa Gülülü1, Alparslan Ersoy1, 1Uludağ Univ Medical Fac, Nephrology, Bursa, TURKEY, 2Ege Univ, Pediatric, Izmir, TURKEY.
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SP149
ECULIZUMAB TREATMENT OF SHIGA TOXIN ESCHERICHIA COLI HEMOLYTIC UREMIC SYNDROME
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SP150
CAUSES OF NEPHROTIC SYNDROME IN A LARGE SINGLE CENTRE KIDNEY BIOPSY REGISTRY
Monika Cackowska1, Tomasz Liberek1, Sławomir Lizakowski1, Barbara Bullo-Piontecka1, Ewa Król1, Agnieszka Ptasierska-Perkowska2, Alicja Dębka-Ślizień1, 1Medical Univ Gdańsk, Clinic and Chair Nephrology, Transplantology and Internal Diseases, Gdańsk, POLAND, 2Medical Univ Warsaw, Clinic and Chair Nephrology, Transplantology and Internal Diseases, Warsaw, POLAND.

SP151
RENAL AMYLOIDOSIS - A COMMON CAUSE OF NEPHROTIC SYNDROME IN OLDER PATIENTS
Tomasz Liberek1, Monika Cackowska1, Ewa Król1, Barbara Bullo-Piontecka1, Agnieszka Ptasierska-Perkowska2, Alicja Dębka-Ślizień1, 1Medical Univ Gdańsk, Dept Nephrology, Transplantology and Internal Medicine, Gdańsk, POLAND, 2Medical Univ Warsaw, Dept Transplantation Medicine, Nephrology and Internal Diseases, Warsaw, POLAND.

SP152
NOVEL ELISA FOR THE MEASUREMENT OF INCREASED ENDOSTATIN IN MICE WITH GLOMERULONEPHRITIS
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SP153
METABOLIC COMPLICATIONS IN PATIENTS WITH GLOMERULAR DISEASE TREATED WITH IMMUNOSUPPRESSANTS
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SP154
THE EPIDEMIOLOGY OF GLOMERULONEPHRITIS ON THE BASIS OF KIDNEY BIOPSY FROM ONE KIDNEY CENTER
Monika Cackowska1, Barbara Bullo-Piontecka1, Tomasz Liberek1, Piotr Czarniak2, Agnieszka Ptasierska-Perkowska3, Ewa Król1, Alicja Dębka-Ślizień1, 1Medical Univ Gdańsk, Clinic and Chair Nephrology, Transplantology and Internal Diseases, Gdańsk, POLAND, 2Medical Univ Gdańsk, Dept Pediatrics, Nephrology and Hypertension, Ultrasound Dept, Gdańsk, POLAND, 3Medical Univ Warsaw, Dept Transplantation Medicine, Nephrology and Internal Diseases, Warsaw, POLAND.

SP155
CLINICAL SPECTRUM OF CRESCENTIC GLOMERULONEPHRITIS A SINGLE CENTRE EXPERIENCE
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SP156
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**SP157**

INVESTIGATION OF THE PROTECTIVE EFFECTS OF ATORVASTATION ON CONTRAST-INDUCED ACUTE KIDNEY INJURY FROM THE PERSPECTIVE OF THE TLRA/MYD88 SIGNALING PATHWAY

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**SP158**

BCL3: AN NF-κB REGULATOR INDUCIBLE BY TWEAK IN ACUTE KIDNEY INJURY WITH ANTI-INFLAMMATORY AND ANTI-APOTOTIC PROPERTIES IN TUBULAR CELLS

Jonay Poveda1, Ana B Sanz2, Susana Carrasco2, Marta Ruiz-Ortega3, Pablo Cannata-Ortiz2, Maria Dolores Sánchez-Niño2, Alberto Ortiz2. IIS Fundación Jiménez Diaz, Nephrology, Madrid, SPAIN, 2IIS-FJD, Nephrology, Madrid, SPAIN, 3Univ Autónoma de Madrid, Nephrology, Madrid, SPAIN.

**SP159**

INTRAVENOUS ADMINISTRATION OF MESENCHYMAL STROMAL CELLS MODULATES RENAL LIPID METABOLISM IN RATS

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**SP160**

LPS-MEDIATED RECRUITMENT OF MTOR COMPLEX 1 ENHANCES ENDOTHELIAL DYSFUNCTION IN SEPSIS-INDUCED ACUTE KIDNEY INJURY

Alessandra Stasi1, Fabio Sallustio1, Chiara Divella1, Rossana Franzin1, Margherita Gigante1, Angela Picerno1, Paola Pontrelli1, Giuseppe Grandaliano2, Loreto Gesualdo1, Giuseppe Castellano1. 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 2Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.

**SP161**

CCN2 GENE BLOCKADE IN VIVO AMELIORATES EXPERIMENTAL ACUTE RENAL INJURY

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**SP162**

ASQ Travel Grant (see page 31)

HYDROXYCHLOROQUINE ATTENUATES RENAL ISCHEMIA REPERFUSION INJURY BY INHIBITING CATHEPSIN MEDIATED NLRP3 INFLAMMASOME ACTIVATION

Taotao Tang, Yi Wen, Linli Lv, Hong Liu, Kunling Ma, Bicheng Liu, Inst Nephrology, Zhong Da Hosp, Southeast Univ School Medicine, Nephrology, Nan Jing, CHINA.

**SP163**

MURINE DOUBLE MINUTE (MDM)-2 INHIBITION AMELIORATES CISPLATIN NEPHROPATHY

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**SP164**

WHY DOES ISCHEMIC PRECONDITIONING NOT WORK IN AGED KIDNEY

Stanislav S. Jankauskas1, Nadezda V. Andrianova2, Ljubava D. Zorova3, Irina B. Pevzner1, Vasily A. Popkov4, Nataliya G. Kolosova5, Egor Y. Plotnikov1, Dmitry B. Zorov1. IAN. Belozersky Inst Physico-Chemical Biology Moscow State Univ, Lab structure and function of mitochondria, Moscow, RUSSIAN FEDERATION, 2Pirogov Russian National Research Medical Univ, Dept Biochemistry, Moscow, RUSSIAN FEDERATION, 3A.N. Belozersky Inst Physico-Chemical Biology Moscow State Univ, International Laser Center, Moscow, RUSSIAN FEDERATION, 4Lomonosov Moscow State Univ, Fac Bioengineering and Bioinformatics, Moscow, RUSSIAN FEDERATION, 5Inst Cytology and Genetics, Siberian Branch Russian Academy of Sciences, Sector Molecular Mechanisms of Aging, Novosibirsk, RUSSIAN FEDERATION.

**SP165**

AUTOPHAGY PROTECTS AGAINST CONTRAST INDUCED RENAL TUBULAR EPITHELIAL INJURY

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SP166
ADENOSINE A2 RECEPTORS ARE INDISPENSABLE FOR THE MAINTAINANCE OF RENAL BLOOD FLOW UNDER ACUTE ISCHEMIA
Kentaro Fujii1, Kazutoshi Miyashita1, Akiko Kubo2, Masaaki Sato1, Aika Hagiwara1, Hirroyuki Inoue1, Masaki Ryu- zaki1, Makoto Suematsu2, Hiroshi Itoh1, 1Keio Univ, Internal Medicine, Tokyo, JAPAN, 2Keio Univ, Biochemistry, Tokyo, JAPAN.

SP167
INDUCTION OF ACUTE KIDNEY INJURY IN NEWBORN RATS, NEPHROPROTECTIVE EFFECT OF ANTIOXI- DANT TREATMENT
Irina Pevzner1, Tatjana Pavlenko2, Ljubava Zorova3, Denis Silachev1, Dmitry Zorov1, Egor Plotnikov1, I Lomonosov Moscow State Univ, A. N. Belozersky Inst Physico-Chemical Biology, FBB, Moscow, RUSSIAN FEDERATION, 2Russian Cardiology Research and Production Complex, Clinical Cardiology, Moscow, RUSSIAN FEDERATION, 3Lomonosov Moscow State Univ, A. N. Belozersky Inst Physico-Chemical Biology, International Laser Center, Moscow, RUSSIAN FEDERATION.

SP168
APCS CAN REVERT LPS-INDUCED ENDOThelial-TO-MESENChYMAl TRANSITION OF ENDOThelial CELLS
Fabio Sallustio1, Alessandra Stasi1, Claudia Curci1, Rossana Franzin1, Angela Picerno, Chiara Divella1, Giuseppe De Palma1, Monica Rutigliano2, Giuseppe Lucarel1, Michele Battaglia2, Giuseppe Grandaliano3, Giovanni Battista Pertosa1, Loreto Gesualdo1, Giuseppe Castellano1, 1Univ Bari, DETO, Bari, ITALY, 2Univ Bari, Deto - Urology, Andrology and Kidney Transplantation Unit, Bari, ITALY, 3Univ Foggia, Medical and Surgical Sciences, Foggia, ITALY.

SP169
NORMALIZATION OF RENAL FUNCTION AFTER AKI: IS IT A REAL REFLECTION OF A HEALTHY RENAL STATE?
Cristina Cuesta1, Sandra Sancho-Martinez2, Maria Paniagua-Sancho1, Nuria Perretta-Tejedor1, Nelida Eleno2, Francisco J. Lopez-Hernandez1, Carlos Martinez-Salgado1, Isabel Fuentes-Calvo2, 1Salamanca Inst Biomedical Research (IB- SAL), Research Unit, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

SP170
SILENCING NUMB EXACERBATES CISPLATIN-INDUCED ACUTE KIDNEY INJURY BY PROMOTING MITOCHONDRIAL FRAgMENTATION
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SP171
THE LONG TERM EFFECT OF STEM CELL TRANSPLANTATION IN MICE MODEL OF ACUTE KIDNEY INJURY Željka Večerić-Haler1, Martina Perše2, 1Univ Medical Center Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA, 2Fac Medicine Ljubljana, Medical Experimental Center, Ljubljana, SLOVENIA.

SP172
CILASTATIN ATTENUATES VANCOMYCIN-INDUCED NEPHROTOXICITY VIA P-GLYCOPROTEIN
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SP173
ROLE OF METHIONINE SULFOXIDE REDUCTASE A ON CISPLATIN-INDUCED ACUTE KIDNEY INJURY
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SP174
TGFβ1 INDUCES NOX4 DEPENDENT HYPOXIA INDUCED APOPTOSIS IN HUMAN KIDNEY PROXIMAL TUBU- LAR EPITHELIAL CELLS
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SP175
URINARY EXCRETION OF T-GELSOlin DIFFERENTIATES ACQUIRED PREDISPOSITION TO ACUTE INJURY FROM NEPHROTOXIC ACUTE KIDNEY INJURY
Y Quiros Luis1,2, V Blanco-Gozalo1,2, S M. Sancho-Martinez1,2, L. Prieto-Garcia1,2, J M. López-Novoa1,2, F J. López- Hernández1,2, 1Univ Salamanca, Dept Physiology and Pharmacology, Salamanca, SPAIN, 2Inst Biomedical Research of Salamanca, (ibsal-icesyl), Salamanca, SPAIN.
SP176 NECROSIS MODULATER NECROX-7 ATTENUATES CISPLATIN NEPHROTOXICITY
Jin Young Jeong1, Dae Eun Cho2, Hong Jin Bae2, Young Rok Ham2, Ki-Ryang Na2, Chang Hun Song2, Jiwon Lee3, 1Chungnam National Univ, Dept Medical Science, Daejeon, SOUTH KOREA, 2Chungnam National Univ, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA, 3Chungnam National Univ, Pediatrics, Daejeon, SOUTH KOREA.

SP177 FUMARYLACETOACETASE, TRANSFERRIN AND ALBUMIN ARE CAPABLE OF PREDICTING PREDISPOSITION TO AKI CAUSED BY CISPLATIN IN RATS
Alfredo G. Casanova1,2,3,4, Laura Vicente-Vicente1,2,3,4, María T. Hernández-Sánchez1,2,3,4, María I. Rihuete5,3,4, Laura M. Ramis5, Elvira del Barco5,3,4, Amalia Gómez-Bernal5,3,4, Juan J. Cruz5,3,4, Sandra M. Sancho1,2,3,4, Moisés Pescador1,2, Marta Prieto1,2,3,4, Francisco J. López-Hernández1,2,3,4, Ana I. Morales1,2,3,4, 1Toxicology Unit, Univ Salamanca, Salamanca, SPAIN, 2Translational Research Renal and Cardiovascular Diseases (TRECARD), Dept Physiology and Pharmacology, Univ Salamanca, Salamanca, SPAIN, 3Salamanca Inst Biomedical Research (IBSAL), Univ Hosp Salamanca, Salamanca, SPAIN, 4Inst Estudios Ciencias Salud Castilla y León (IECSCYL), Research Unit, Univ Hosp Salamanca, Salamanca, SPAIN, 5Medicina Oncologia Service, Univ Hosp Salamanca, Salamanca, SPAIN.

SP178 FALSELY ELEVATED CREATININE LEVEL IN A PATIENT WITH LYMPHOMA AND A MONOCONAL IGM KAPPA PARAPROTEINAEMIA
Daniela Farrugia1, Alexandra M. Yates2, 1Univ Hosp North Midlands, Kidney Unit, Stoke-On-Trent, UK, 2Univ Hosp North Midlands, Blood Sciences Dept - Biochemistry, Stoke-On-Trent, UK.

SP179 EXERCISE PRECONDITIONING REDUCES ACUTE ISCHEMIC RENAL INJURY IN RATS
Weslei Lima, Waldemar Almeida, Nestor Schor, Escola Paulista de medicina/UNIFESP, Nephrology, São Paulo, BRAZIL.

SP180 PROCOLLAGEN TYPE I TELEPEPTIDE AS AN EARLY MARKER OF ACUTE GENTAMICIN NEPHROTOXICITY
Yaremi Quiros-Luis1, Sandra M. Sancho-Martinez1,2, Laura Prieto-Garcia1,2, Víctor Blanco-Gozaló2, Jose M. Lopez-Noval1,2, Francisco J López-Hernández1,2, 1Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN, 2Inst Biomedical Research of Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN.

SP181 THE EFFECT OF CARNOSINE ON VENOM INDUCED ACUTE KIDNEY INJURY IN EXPERIMENTAL RAT MODEL
Pinaki Mukhopadhyay, NRS Medical College, Nephrology, Kolkata, INDIA.

SP182 CONTRAST INDUCED NEPHROPATHY
Hajji Meriam1, Jebali Hela1, Mzoughi Khadija2, Zairi Ihssen2, Kraiem Sondes2, Kheder Rania1, Rais Lamia1, Ben Hamida Fethi3, Zouaghi Mohammed Karim1, 1la Rabta, Nephrology, Tunis, TUNISIA, 2Habib Thameur Hosp, Cardiology, Tunis, TUNISIA, 3Lab Kidney disease LR00SP01, Charles Nicolle Hosp, Nephrology, Tunis, TUNISIA.

SP183 NOVEL ELISA FOR THE MEASUREMENT OF HUMAN SEMAPHORIN 4D IN DIALYSIS PATIENTS
Anna Labe, Gabriela Berg, Gottfried Himmler, The Antibody Lab, Vienna, AUSTRIA.
SUNDAY, JUNE 4

**Final Programme**

### Posters

#### CLINICAL AKI - EPIDEMIOLOGY I

**SP187**

SEASONALITY OF ACUTE KIDNEY INJURY INCIDENCE  
Masao Iwagami1, Hidekazu Moriya2, Eisei Noiri3, Kent Doi4, Sumi Hidaka2, Takayasu Ohtake2, Shuzo Kobayashi2, 1London School Hygiene and Tropical Medicine, Dept Non-Communicable Disease Epidemiology, London, UK, 2Sho-nan Kamakura General Hosp, Dept Nephrology, Immunology, and Vascular Medicine, Kamakura, JAPAN, 3Univ Tokyo Hosp, Dept Nephrology and Endocrinology, Tokyo, JAPAN, 4Univ Tokyo Hosp, Dept Emergency and Critical Care Medicine, Tokyo, JAPAN.

**SP188**

PREDICTIVE FEATURES OF CHRONIC RENAL DISEASE IN ATYPICAL HEMOLYTIC UREMIC SYNDROME  

**SP189**

EFFECT OF ACUTE KIDNEY INJURY ON CHRONIC KIDNEY DISEASE PROGRESSION AND PROTEINURIA: BASELINE RESULTS FROM THE ARID STUDY  
Kerry Horne1, Rebecca Packington1, John Monaghan2, Timothy Reilly3, Nitin V. Kolhe1, Richard J. Fluck1, Maarten W. Taal4, Nicholas M. Selby5, 1Royal Derby Hosp, Renal Medicine, Derby, UK, 2Royal Derby Hosp, Clinical Biochemistry, Derby, UK, 3Royal Derby Hosp, Informatics, Derby, UK, 4Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK.

**SP190**

DEVELOPMENT AND VALIDATION OF AN ACUTE KIDNEY INJURY RISK PREDICTION SCORE FOR USE IN THE COMMUNITY  
Samira Bell1, Hilda Hounkpatin2, Nicosa De Souza3, Paul Roderick2, Simon Fraser2, Miles Witham4, 1Ninewells Hosp, Renal Unit, Dundee, UK, 2Univ Southampton, Academic Unit Primary Care and Population Sciences, Southampton, UK, 3Univ Dundee, Population Health Sciences Div, Dundee, UK, 4Univ Dundee, Ageing and Health, Dundee, UK.

**SP191**

ATYPICAL HUS IS MORE COMMON THAN TTP AND STEC-HUS: RESULTS FROM THE “CROSS-SECTIONAL EVALUATION OF CLINICAL SYMPTOMS AND EPIDEMIOLOGIC PARAMETERS IN PATIENTS WITH TMA, DIFFERENTIATED BY LAB PARAMETERS” STUDY (CESAR)  
Ulf Schönemarck1, Wolfgang Ries2, Bernd Schröppel3, Lars Pape4, Volker Burst5, Michael Stark6, Steffen Mitzner7, Malgorzata Dunaj-Kazmierowska8, Alexander Mellmann9, Ulrich Budde10, Michael Jeglitsch11, Christian Haas12, 1LMU, Medical Clinic IV, Munich, GERMANY, 2Diakonissenkranchenhaus, Internal Medicine, Flensburg, GERMANY, 3Univ Ulm, Section Nephrology, Ulm, GERMANY, 4MHH, Pediatric Nephrology, Hannover, GERMANY, 5Univ Cologne, Medical Clinic II, Cologne, GERMANY, 6Clinic Munich-Schwabing, Clinic Hematology, Munich, GERMANY, 7Rostock Univ Medical Centre, Div Nephrology, Rostock, GERMANY, 8Klinikum Koblenz, Internal Medicine, Koblenz, GERMANY, 9Univ Münster, Inst Hygiene, Münster, GERMANY, 10Medilys Laborgesellschaft mbH, Hamburg, GERMANY, 11Alexion Pharma Germany GmbH, Medical Affairs, Munich, GERMANY, 12Univ Schleswig-Holstein, Medical Clinic I, Lübeck, GERMANY.

**SP192**

CONTRAST INDUCED ACUTE KIDNEY INJURY DOES NOT AFFECT MID-TERM KIDNEY FUNCTION AND MORTALITY  
Werner Ribitsch1, Joerg Horina1, Franz Quehenberger2, Alexander Rosenkranz1, Gernot Schilcher3, 1Medical Univ Graz, Div Nephrology, Graz, AUSTRIA, 2Medical Univ Graz, Inst Medical Informatics, Statistics and Documentation, Graz, AUSTRIA, 3Medical Univ Graz, Intensive Care Unit, Graz, AUSTRIA.

**SP193**

CYSTATIN/CREATININE RATIO: A PROGNOSTIC MARKER AFTER ACUTE KIDNEY INJURY  
Sofia Correia, Andreia Campos, Jorge Malheiro, Josefina Santos, António Cabrita, Centro Hosp Porto, Nephrology Dept, Porto, PORTUGAL.
SP194
THE IMPACT OF DISEASE SEVERITY ON PARADOXICAL ASSOCIATION BETWEEN BODY MASS INDEX AND MORTALITY IN PATIENTS WITH ACUTE KIDNEY INJURY UNDERGOING CONTINUOUS RENAL REPLACEMENT THERAPY
Sang Mi Lee, Hyoungnae Kim, Seung Hyeok Han, Yonsei Univ College Medicine, Dept Internal Medicine, Seoul, SOUTH KOREA.

SP195
EFFECT OF WEEKEND ADMISSION ON MORTALITY ASSOCIATED WITH SEVERE ACUTE KIDNEY INJURY IN ENGLAND: A PROPENSITY SCORE MATCHED, POPULATION-BASED STUDY
Nitin V. Kolhe, Richard J. Fluck, Maarten W. Taal, Royal Derby Hosp, Renal Medicine, Derby, UK.

SP196
KIDNEY FUNCTION DURING AND AFTER A 100 KM RUN
Wojciech Wołyniec1, Wojciech Ratkowski2, Katarzyna Kasprovicz3, Zbigniew Jastrzębski4, Marcin Renke5, Sylwia Małgorziewicz6, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, POLAND, 2Gdansk Univ Physical Education and Sport, Dept Athletics, Gdansk, POLAND, 3Gdansk Univ Physical Education and Sport, Dept Physiology, Gdansk, POLAND, 4Gdansk Univ Physical Education and Sport, Dept Tourism and Recreation, Gdansk, POLAND, 5Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, POLAND, 6Medical Univ Gdansk, Dept Clinical Nutrition, Gdansk, POLAND.

SP197
IL-33 AND ST2 LEVELS IN CHRONIC KIDNEY DISEASE: ASSOCIATIONS WITH INFLAMMATION, VASCULAR ABNORMALITIES, CARDIOVASCULAR EVENTS AND SURVIVAL
Ozkan Gungor1, Hilmi Umut Unal2, Aydin Guclu3, Mustafa Gezer2, Tayfun Eyileten2, Orcun Altunoren1, Ertugrul Erken1, Yusuf Ogu2, Ismail Kocyigit4, Mahmut Ilker Yilmaz2, Ismet Imam Univ, Nephrology, Kahramanmaras, TURKEY, 2Guilhane School Medicine, Nephrology, Ankara, TURKEY, 3Ahi Evran Univ, Nephrology, Kirsehir, TURKEY, 4Erctyes Univ, Nephrology, Kayseri, TURKEY.

SP198
RISK OF PROGRESSION TO END STAGE RENAL DISEASE AMONG GERIATRIC PATIENTS WITH ACUTE KIDNEY INJURY
Alice Lanca, Rui Assis, Paula Gama, Carlos Cortes, Sandra Pandre, Francisco Ferrer, Ana Vila Lobos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

SP199
EVALUATION OF CHAC1 AS A BIOMARKER OF HYPERACUTE KIDNEY INJURY AFTER RENAL ISCHEMIA
Paula Halbeisen1,2, Kai Schmidt-Ott1,2, Timm Westhoff3, Eva V. Schrezenmeier1,2, 1Charité Universitätsmedizin Berlin, Dept Nephrology, Berlin, GERMANY, 2Max Delbrück Center Molecular Medicine Helmholtz Association, Molecular and translational kidney research, Berlin, GERMANY, 3Univ Hosp Marien Hosp Herne, Ruhr Univ Bochum, Medical Dept I, Bochum, GERMANY.

SP200
URINARY TISSUE INHIBITOR METALLOPROTEINASE-2 AND IGF-BINDING PROTEIN-7 LEVELS ARE ASSOCIATED WITH PERSISTENT OLIGURIA AND LONGER REQUIREMENT FOR REPLACEMENT THERAPY
Jose Pelayo Moiron1, Maitane Izaguirre2, Christian Israel Alfaro1, Omar Jose Gonzalez1, Pablo Monedero3, Ricardo Calderon3, Nerea Varo2, Javier Lavilla1, Elisa Bello1, Pedro Errasti1, Nuria Garcia-Fernandez1, 1Univ Navarra, Nephrology, Pamplona, SPAIN, 2Univ Navarra, Biochemistry, Pamplona, SPAIN, 3Univ Navarra, Anesthesia-ICU, Pamplona, SPAIN.

SP201
TIMING OF CONTRAST ENHANCED RADIOLOGICAL PROCEDURES AND RISK OF AKI IN POST-OPERATIVE PATIENTS
Samira Bell1, Huan Wang2, Peter Donnan2, Ian Zealley3, 1Ninewells Hosp, Renal Unit, Dundee, UK, 2Univ Dundee, Population Health Sciences, Dundee, UK, 3Ninewells Hosp, Dept Radiology, Dundee, UK.

SP202
HIGH INCIDENCE AND NEGATIVE PROGNOSIS OF CARDIORENOHEPATIC SYNDROME IN DECOMPENSATED HEART FAILURE
Anzhela Soloveva, Svetlana Villevalde, Zhanna Kobalava, RUDN Univ, Dept internal diseases propaedeutics, Moscow, RUSSIAN FEDERATION.

SP203
PROGNOSIS FACTORS AND RENAL OUTCOMES OF PRIMARY ACUTE TUBULOINTERSTITIAL NEPHRITIS DIAGNOSED IN A TERTIARY REFERRAL HOSPITAL
Marc Xipol1, Alicia Molina1, Jesus Villarreal1, Johanna Reinoso1, Miquel Blasco1, Lida Rodas1, Adriana Garcia-Herrera2, Esteban Poch1, Manel Sole2, Luis F. Quintana1, 1Hosp Clinic Barcelona, Nephrology, Barcelona, SPAIN, 2Hosp Clinic Barcelona, Pathology, Barcelona, SPAIN.
Final Programme

Posters

SP204 WHAT IS THE CAUSE OF DEATH IN PATIENTS MANAGED IN THE COMMUNITY WITH ACUTE KIDNEY INJURY?
Hobbs Helen1, Lindsay Forbes2, Katherine Cheema3, Simon Coulton2, Christopher Farmer1, 1East Kent Hosp Univ NHS Foundation Trust, Kent Kidney Care Centre, Canterbury, UK, 2Univ Kent, Centre Health Service Studies, Canterbury, UK, 3NHS South Central and West Commissioning support unit, Health Observatory, Eastleigh, UK.

SP205 CAUSES OF DEATH ACROSS REDUCED KIDNEY FUNCTION; THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
Björn Runesson1, Abdul R. Qureshi2, Alessandro Gasparini3, Peter Barany2, Marie Evans2, Carl-Gustaf Elinder2, Björn Wettermark3, Juan-Jesus Carrero2, 1Karolinska Inst, Renal medicine, Stockholm, SWEDEN, 2Karolinska Inst, CLINTEC, Stockholm, SWEDEN, 3Karolinska Inst, CPE, Stockholm, SWEDEN.

SP206 ACUTE KIDNEY INJURY PREDICTS NEUROLOGICAL OUTCOME & MORTALITY AFTER CARDIAC ARREST

SP207 URINARY BIOMARKERS PREDICTS ADVANCED ACUTE KIDNEY INJURY AFTER CARDIOVASCULAR SURGERY
Vin-Cent Wu1, Jian-Jhong Wang2, Kwan-Dun Wu1, 1National Taiwan Univ Hosp, Internal Medicine, Taipei, TAIWAN, 2Chi Mei Medical Center, Internal Medicine, Tainan, TAIWAN.

SP210 THE IMPACT OF OBESITY ON RECOVERY FROM ACUTE KIDNEY INJURY: FEASIBILITY STUDY
Rochelle M. Blacklock1,2, Kelly Wright1, Gerda K. Pot3, Nick M. Selby4, Satish Jayawardene1, Chris McIntyre5, Iain C. Macdougal1, Helen L. MacLaughlin1,2, 1King’s College Hosp, Renal Unit, London, UK, 2King’s College London, Diabetes and Nutritional Sciences Div, London, UK, 3Vrije Univ, Section Health and Life, Fac Earth and Life Sciences, Amsterdam, NETHERLANDS, 4Univ Nottingham, Fac Medicine and Health Sciences, Nottingham, UK, 5London Health Sciences Centre, London Kidney Clinical Research Unit, Ontario, ON, CANADA.

SP211 DESCRIPTIVE STUDY ABOUT ACUTE KIDNEY INJURY (AKI) IN PATIENTS AFTER CARDIAC SURGERY
Idoia Acosta, Jennifer Sanchez, Leixuri Ortega, Gregorio Aramid Romero, Inmaculada Ugarte, Iñigo Arrieta, Miguel Olmos, Hosp Univ Basurto, Nefrologia, Bilbao, SPAIN.
Posters

SP213
THE PREDICTION OF CLINICAL OUTCOME IN DIABETIC PATIENTS WITH CONTINUOUS RENAL REPLACEMENT THERAPY: FOCUSING HBA1C
Sang Heon Song, Harin Rhee, Il Young Kim, Eun Young Seong, Dong Won Lee, Soo Bong Lee, Ihm Soo Kwak, Pusan National Univ, Internal Medicine, Busan, SOUTH KOREA.

SP214
EVALUATION OF LONG TERM THIRST DUE TO RAMADAN FASTING IN TERMS OF ACUTE KIDNEY INJURY
Fatih Pektaş1, H. Zeki Tonbul2, Ismail Baloglu2, Kultigin Turkmen2, N. Yılmaz Selçuk2, F. Mehmet Erdur2, 1Necmettin Erbakan Univ, Internal Medicine, Konya, TURKEY, 2Necmettin Erbakan Univ, Nephrology, Konya, TURKEY.

SP215
ACQUIRED KIDNEY INJURY IN NON CRITICALLY ILL PATIENTS
Belen Palicio1, Jorge García Nerín1, Alfonso Cubas2, Judith Martín Muñoz3, 1Univ Europea, Fac Medicina, Madrid, SPAIN, 2Hosp Getafe, Nephrology, Madrid, SPAIN, 3Hosp Univ Getafe, Nephrology, Madrid, SPAIN.

SP216
GERIATRIC NEPHROLOGY. ACUTE KIDNEY INJURY IN ELDERLY PATIENT. DIFFERENCES IN ETIOLOGY, MORBIDITY AND MORTALITY. AGE IS NOT A PROGNOSTIC FACTOR
Fco Javier Lavilla Royo, Christian Israel Alfaro Sanchez, Omar Jose Gonzalez Aristegui, Maria José Molina Higueras, Pelayo Moiron Fernandez Hinojosa, Altagracia Elisa Bello Ovalles, Paloma Leticia Martín, Nuria Garcia-Fernandez, Pedro Errasti Goenaga, Clínica Univ Navarra, Nephrology, Pamplona, SPAIN.

SP217
IMPORTANCE OF ACCUMULATED FLUID BALANCE IN A COHORT OF PATIENTS WITH SEVERE PNEUMONIA DUE TO INFLUENZA A H1N1
Gustavo A. Casas1, Maria Isabel Leon-Rogriguez, 1Inst Nacional Enfermedades Respiratorias, Investigación Enfermedades Infecciosas, Ciudad De Mexico, MEXICO, 2Inst Nacional Enfermedades Respiratorias, Fisiología Respiratoria, Ciudad De Mexico, MEXICO.

SP218
CLINICAL OUTCOMES OF ELDERLY PATIENTS WITH ACUTE KIDNEY INJURY ON CONTINUOUS RENAL REPLACEMENT THERAPY
Eun Young Seong1, Harin Rhee1, Keum Sook Jang1, Jong Man Park1, Il Young Kim2, Sang Heon Song1, Dong Won Lee2, Soo Bong Lee2, Ihm Soo Kwak1, 1Pusan National Univ Hosp, Internal Medicine, Busan, SOUTH KOREA, 2Pusan National Univ Yangsan Hosp, Internal Medicine, Yangsan, SOUTH KOREA.

SP219
CLINICAL CHARACTERISTICS OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE PYELONEPHRITIS BASED ON COMPUTED TOMOGRAPHY
In O Sun, Hyun Ju Yoon, A Young Cho, Kwang Young Lee, Presbyterian Medical Center, Div Nephrology, Dept Internal Medicine, Jeonju, SOUTH KOREA.

SP220
AYURVEDIC DRUGS INDUCED ACUTE INTERSTITIAL NEPHRITIS
Sanjeev Gulati1, Raju Bhandari1, Abha Sabhiki2, Nitasha Lal1, 1Fortis Inst Renal Sciences and Transplantation, Nephrology, New Delhi, INDIA, 2Fortis Inst Renal Sciences and Transplantation, Pathology, New Delhi, INDIA.

SP221
CYSTATIN C AND URIC ACID AS PREDICTORS OF ACUTE KIDNEY INJURY, NEED FOR RENAL REPLACEMENT THERAPY AND 30-DAY MORTALITY OF ADULT PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT AT A TERTIARY LEVEL HOSP IN NORTHERN MEXICO
Adria P. Tinoco1, Hayde Vanegas2, Maria Gomez2, Gerardo Palacios2, Rogelio Maya3, 1Medicine School, Monterrey Inst Technology and Higher Education, Internal Medicine, Monterrey, MEXICO, 2UMAE #25. Mexican Social Security Inst, Nephrology, Monterrey, MEXICO, 3Hosp Zambrano Hellion, Monterrey Inst Technology and Higher Education, Nephrology, Monterrey, MEXICO.

SP222
LACK OF A “WEEKEND EFFECT” FOR PATIENTS WITH DIALYSIS-REQUIRING ACUTE KIDNEY INJURY IN SURGICAL INTENSIVE CARE UNITS
Pei-Chen Wu, MacKay Memorial Hosp, Internal Medicine, Taipei, TAIWAN.

SP223
EPIDEMIOLOGY AND OUTCOMES OF RECURRENT ACUTE KIDNEY INJURY IN TROPICS
Anupma Kaul, Dharmendra Bhaduria, Narayan Prasad, Amit Gupta, RK. Sharma, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.
SP224
NEWBORNS WITH ACUTE RENAL INJURY IN PRACTICE OF ONE DIALYSIS CENTER
Anastasya Makulova1, Khadija Emirova2, Tatyana Abaseeva3, Alexandr Muzurov4, Evgeniya Tolstova2, Olga Orlova2,
1Russian National Research Medical Univ named after N.I. Pirogov, Pediatric, Moscow, RUSSIAN FEDERATION, 2Mos-
cow State Medical Dentist Univ named after A.I. Evdokimov, Pediatric, Moscow, RUSSIAN FEDERATION, 3Moscow
Regional Research Clinical Inst named after M.F. Vladimirsky, Children’s dialysis, Moscow, RUSSIAN FEDERATION, 4Russian Medical Academy Post-Graduate Education, Pediatric intensive care, Moscow, RUSSIAN FEDERATION.

SP225
OUTCOMES OF INTERSTITIAL NEPHRITIS TREATMENT FROM A DEDICATED ACUTE KIDNEY INJURY CLINIC
Mustakim Khandaker, Rebecca Brown, Royal Liverpool Univ Hosp, Dept Nephrology, Liverpool, UK.

SP226
AKI AND RRT ARE COMMON COMPLICATIONS IN CRITICALLY ILL PATIENTS REQUIRING VENO-ARTERIAL
EXTRACORPOREAL MEMBRANE OXYGENATION
Georgios Vlachopanos1,2, Jovana Kusic1,3, Omar Shaikh1, Nicholas Barrett1, Craig Whiteley1, Marlies Ostermann1,
1Guy’s & St. Thomas NHS Hosp, Dept Critical Care, London, UK, 2Rethymnon General Hosp, Dept Nephrology, Re-
thymnon, GREECE, 3Clinical Hosp Center Zemun, Dept Nephrology, Belgrade, SERBIA.

SP227
PREDICTORS OF OLIGURIC ACUTE KIDNEY INJURY DUE TO LEPTOSPIROSIS IN ALBANIAN POPULATION
Elvana Rista1, Ariol Rama2, Vilma Cadri3, 1Hygeia Hosp Tirana, Hemodialysis-Transplant, Tirana, ALBANIA, 2Hygeia
Hosp Tirana, Lab Dept, Tirana, ALBANIA, 3Mother Teresa, Nephrology, Tirana, ALBANIA.

SP228
OUTCOMES OF ACUTE KIDNEY INJURY IN A NEPHROLOGY DEPT
Ana Fernandes, Márcio Viegas, Elsa Soares, Sofia Coelho, Patricia Valério, Carlos Barreto, Centro Hosp Setúbal, Nefro-
logia, Setúbal, PORTUGAL.

SP229
PYONEPHRITIS AND ACUTE RENAL FAILURE
Sana Barrah1, Imene Gorsane1, Amel Harzallah1, Hayet Kaaroud1, Fathi Ben Hmida2, Samia Barbouch1, Taieb Ben Ab-
dallah1, 1Dept Nephrology Dialysis and Transplantation, Hosp Charles Nicolle, Tunis, TUNISIA, 2Research Lab renal
pathology, Hosp Charles Nicolle, Tunis, TUNISIA.

SP230
ACUTE KIDNEY FAILURE AS A FIRST PRESENTATION OF T-CELL LYMPHOMA IN FIVE-YEAR-OLD CHILD
Marina Aksenova1,2, Viktoria Fominykh2, Mikhail Konovalov2, Galina Novichkova2, Mikhail Maschan2,
1Y.Veltischev Research and Clinical Inst Pediatrics N. Pirogov Russian National Research M, Nephrology Dept, Moscow, RUSSIAN
FEDERATION, 2Dmitry Rogachev Federal Research and Clinical Center Pediatric Hematology, Oncology and Immu-
nology, Moscow, RUSSIAN FEDERATION.
CLINICAL AKI - PREVENTION & TREATMENT

SP231
ACUTE KIDNEY INJURY DAYS OR TIME TO RECOVERY A NAIVE SENSITIVE METRIC FOR AKI IMPROVEMENT DAYS OR TIME TO RECOVERY A NOVEL SENSITIVE METRIC FOR AKI IMPROVEMENT
Prasanna Hanumapura, Deryn Waring, Ebah Leonard, Central Manchester Univ Hosp NHS Trust, Renal, Manchester, UK.

SP232
ARE AKI NURSES WORTH THE INVESTMENT? A FACTORIAL DESIGN STUDY OF VARIOUS INTERVENTIONS IN AKI
Prasanna Hanumapura, Deryn Waring, Central Manchester Univ Hosp NHS Trust, Renal, Manchester, UK.

SP233
IMPROVING ACUTE KIDNEY INJURY OUTCOMES THROUGH A MULTIFACETED QUALITY IMPROVEMENT PROGRAMME
Leonard Ebah, Prasanna Hanumapura, Deryn Waring, Central Manchester Univ Hosp NHS Trust, Renal, Manchester, UK.

SP234
INTENSIVE VERSUS MINIMAL STANDARD DOSAGE FOR PERITONEAL DIALYSIS IN ACUTE KIDNEY INJURY, A RANDOMIZED PILOT STUDY
Watanyu Parapiboon1, Treechada Jamratpan2, Kanin Thammavaranurucp2, 1Maharat Nakhonratchasima Hosp, Dept Medicine, Nakhonratchasima, THAILAND, 2Maharat Nakornratchasima Hosp, Dept Medicine, Maharat Nakornratchasima Hosp, THAILAND.

SP235
STROKE VOLUME VARIATION: “A REAL TIME” BIOMARKER OF ACUTE KIDNEY INJURY DURING ABDOMINAL AORTIC ANEURYSM SURGERY
Paolo Lentini1, Luca Zanolli2, Antonio Granata3, Roberto Dell’Aquila1, 1San Bassiano Hosp, Nephrology, Bassano del Grappa, ITALY, 2Univ Catania, Internal Medicine, Catania, ITALY, 3San Giovanni di Dio Hosp, Nephrology, Agrigento, ITALY.

SP236
THE RISK FOR CKD IS INCREASED EVEN IN NORMAL BLOOD PRESSURE COMPARED WITH OPTIMAL CATEGORY IN THE GENERAL POPULATION: THE WATARI STUDY
Masanori Munakata, Tomomi Hattori, Satoshi Konno, Tohoku Rosai Hosp, Research Center Lifestyle-related Disease, Sendai, JAPAN.

SP237
RESCUE ULTRAFILTRATION IN DIURETIC RESISTANT PATIENTS HOSPIZED FOR ACUTE HEART FAILURE. TO ULTRAFILTRATE OR NOT: IS THAT THE QUESTION?
Luis Gutierrez1, Pablo Klin2, Margarita Peradejordi3, Carola Zambrano2, Fernando Mos1, Rita M. Fortunato1, Francisco Klein4, Pablo M. Raffaele1, 1Favaloro Foundation, Nephrology, Dialysis and Renal Transplantation, Buenos Aires, ARGENTINA, 2Favaloro Foundation, Intensive Care Telemetry Unit, Buenos Aires, ARGENTINA, 3Favaloro Foundation, Heart Failure, Pulmonary Hypertension and Cardiac Transplantation, Buenos Aires, ARGENTINA, 4Favaloro Foundation, Intensive Care Unit, Buenos Aires, ARGENTINA.

SP238
STEWART’S APPROACH FOR ACIDOSIS DETECTION IN ACUTE KIDNEY INJURY PATIENTS UNDERGOING CONTINUOUS RENAL REPLACEMENT THERAPIES
Paolo Lentini1, Luca Zanolli2, Antonio Granata3, Roberto Dell’Aquila1, 1San Bassiano Hosp, Nephrology, Bassano del Grappa, ITALY, 2Univ Catania, Internal Medicine, Catania, ITALY, 3San Giovanni di Dio Hosp, Nephrology, Agrigento, ITALY.

SP239
CLINICAL RELEVANCE OF ISOLATED SERUM CREATININE INCREASE IN HOSPITIZATIONS FOR ACUTE DECOMPENSATED HEART FAILURE
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SP240
PRESCRIBING PATTERNS AT THE TIME OF AKI: OPPORTUNITIES TO IMPROVE CARE
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Posters

SP241
PRELOADING MAGNESIUM ATTENUATE CISPLATIN-INDUCED NEPHROTOXICITY
Wallaya Phitakwatchara, Thanyanan Reungwetwattana, Sarassawan Kanantaraks, Adisorn Pathumarak, Montira Asanatham, Arkom Nongnuch, Dept Medicine, Fac Medicine, Ramathibodi Hosp, Medicine, Bangkok, THAILAND.

SP242
NEPHROLOGY INTERVENTION IN PATIENTS AWAITING CARDIAC SURGERY: A RANDOMISED CONTROLLED TRIAL
Nuria Montero1, Aroa Rovira1, Miguel Hueso1, Inés Ramal1, Fabrizio Sbraga2, Enric Boza3, José María Vázquez-Reviron4, Josep M. Cruzado1, IHosp Univ Bellvitge, Nephrology, L’ Hospital de Llobregat, SPAIN, 2Hosp Univ Bellvitge, Cardiac Surgery, L’ Hospital de Llobregat, SPAIN, 3Hosp Univ Bellvitge, Anesthesiology, L’ Hospital de Llobregat, SPAIN, 4Hosp Univ Bellvitge, Intensive care, L’ Hospital de Llobregat, SPAIN.

SP243
EARLY VERSUS LATE INSTITUTION OF PLASMA EXCHANGE THERAPY IN PREGNANCY INDUCED THROMBOTIC MICROANGIOPATHY AND ITS EFFECTS ON CLINICAL OUTCOMES
Anupma Kaul1, Dharmendra Bhaduria1, Kavita Vishwakaram1, Mandakini Pradhan2, Narayan Prasad1, Amit Gupta1, RK. Sharma1, ISanjay Gandhi Post Gradute Inst Medical Sciences, Nephrology, Lucknow, INDIA, 2Sanjay Gandhi post graduate Inst medical sciences, Maternal and child health, Lucknow, INDIA.

SP244
FIVE YEARS TREATING ACUTE KIDNEY INJURY DUE TO MULTIPLE MYELOMA
Ana Berni Wennekes1, Victoria Dourdisahun2, Pilar Martin Azara1, Beatriz Bergasa Liberal1, Pablo Iñigo Gil1, Jose Esteban Ruiz Laiglesia1, Jose Maria Peña Porta1, Rafael Alvarez Lipe1, IHosp Clinico Univ Lozano Blesa, Nephrology, Zaragoza, SPAIN, 2Hosp Clinico Univ Lozano Blesa, Haematology, Zaragoza, SPAIN.

SP245
PROTEINURIA, NAG ACTIVITY, NGAL AND ALBUMIN ARE CAPABLE OF IDENTIFYING RISK OF DEVELOPING AKI IN PATIENTS UNDERGOING CHEMOTHERAPIC TREATMENT
Alfredo G. Casanova1,2,3,4, Laura Vicente-Vicente1,2,3,4, María T. Hernández-Sánchez1,2,3,4, Laura M. Ramis5, Francesco Alioto2, Jose A. Duarte1, Elvira del Barco5,3,4, Amalia Gómez-Bernal5,3,4, Juan J. Cruz5,3,4, Sandra M. Sancho1,2,3,4, Moises Pescador1,2,3,4, Marta Prieto1,2,3,4, Francisco J. López-Hernández1,2,3,4, Ana I. Morales1,2,3,4, 1Toxicology Unit, Univ Salamanca, Salamanca, SPAIN, 2Translational Research Renal and Cardiovascular Diseases (TRECARD), Dept Physiology and Pharmacology, Univ Salamanca, Salamanca, SPAIN, 3Salamanca Inst Biomedical Research (IBSAL), Univ Hos Salamanca, Salamanca, SPAIN, 4Inst Estudios Ciencias Salud Castilla y León (IECSCYL), Research Unit, Univ Hosp Salamanca, Salamanca, SPAIN, 5Medical Oncology Service, Univ Hosp Salamanca, Salamanca, SPAIN.

SP246
SERUM VERSUS URINARY NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN FOR ACUTE KIDNEY INJURY PREDICTION IN ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION (PILOT STUDY)
Kirill Smirnov1, Vladimir Dobronravov1, Boris Afanasiev2, Olga Galkina1, Irina Zubina1, Evdokia Bogdanova1, Alexei Smirnov1, IPavlov First Saint Petersburg State Medical Univ, Nephrology, Rostock, RUSSIAN FEDERATION, 2Pavlov First Saint Petersburg State Medical Univ, Raisa Gorbacheva Memorial Research Inst Pediatric Oncology, Hematology and Transplantation, Saint Petersburg, RUSSIAN FEDERATION.

SP247
CYTOKINE ADSORPTION IS A PROMISING TOOL FOR THERAPY OF HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH)
S. Frimmel1, S. Bogdanow2, J. Schipper1, M. Hinz1, S. Mitzner1, S. Kobbal1, 1Dept Nephrology, Univ Rostock, Rostock, GERMANY, 2Div Medical Intensive Care, Univ Rostock, Rostock, GERMANY.

SP248
RELATIONSHIP OF MEANPLATELET VOLUME WITH PROGNOSIS IN PATIENTS WITH ACUTE KIDNEY INJURY RECEIVING CONTINUOUS RENAL REPLACEMENT THERAPY
Junhui Li, Niansong Wang, Shanghai Jiaotong Univ Affiliated Sixth People’s Hosp, Nephrology, Shanghai, CHINA.

SP249
NEW PROGNOSTIC MARKERS IN PATIENTS WITH GENTAMICIN-ASSOCIATED ACUTE KIDNEY INJURY
Andrei Niculae1,2, Ileana Peride3,2, Cristina David1,2, Daniela Radulescu1,2, Ileana Adela Vacaruoiu1,2, Ionel Alexandru Checherita1,2, 1Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology and Dialysis, Bucharest, ROMANIA, 2St. John Emergency Clinical Hosp, Nephrology and Dialysis, Bucharest, ROMANIA, 3Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology, Bucharest, ROMANIA.
Posters

SP250
CLINICAL SIGNIFICANCE OF THE INTERVAL CHANGE OF PLASMA NGAL IN PATIENTS WITH ACUTE KIDNEY INJURY AND ACUTE KIDNEY INJURY SUPERIMPOSED ON CHRONIC KIDNEY DISEASE
Seong Kwon Ma, Ha Yeon Kim, Eun Hui Bae, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, SOUTH KOREA.

SP251
TIMP2 AND IGFBP7 IN URINE
Daniela Knafl1, Sahra Pajenda2, Zeybep Genc2, Manfed Hecking2, Ludwig Wagner2, 1Medical Univ Vienna, Div Infectious Diseases and Tropical Medicine, Vienna, AUSTRIA, 2Medical Univ Vienna, Div Nephrology, Dept Medicine III, Vienna, AUSTRIA.

SP252
LEPTOSPIROSIS WITH ACUTE RENAL FAILURE AND VASCULITIS WITH PERIPHERAL GANGRENE OF THE LOWER EXTREMITIES: A CASE REPORT
Sibel Kocak1, Arzu Ozdemir Kayalar1, Fatih Akbay1, Aysegul Kudu1, Gunden Deger1, Murvet Yilmaz1, Kamile Gulcin Eken2, Suheyla Apaydin1, 1Univ Health Sciences Bakirkoy Dr. Sadi Komuk EAH, Dept Nephrology, Istanbul, TURKEY, 2Sisli Hamidiye Efthal Training and Research Hosp, Dept Nephrology, istanbul, TURKEY.

SP253
SHOULD URINARY TRACT INFECTION WITH ESBL-PRODUCING ORGANISMS BE CONSIDERED AS A RISK FACTOR FOR ACUTE KIDNEY INJURY AMONG PATIENTS WITH TYPE 2 DIABETES MELLITUS?
Muhammad A. Rahim, Palash Mitra, Tabassum Samad, Wasim M. M. Haque, Meheruba A. Ananna, Tufayel A. Chowdhury, Shudhanshu K. Saha, Sarwar Iqbal, Mohammad A. Mansur, Md. A. Haque, Bangladesh Inst Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders, Nephrology, Dhaka, BANGLADESH.

SP254
EARLY HIGH INTENSITY BLOOD PURIFICATION FOR SEVERE WASP VENOM POISONING WITH ACUTE KIDNEY INJURY BLOOD PURIFICATION FOR SEVERE WASP VENOM POISONING WITH ACUTE KIDNEY INJURY
Ling Zhang1, Dezheng Chen2, Ping Fu1, 1West China Hosp Sichuan Univ, Nephrology, Chengdu, CHINA, 2Jianyang People’s Hosp Sichuan Provinces, Nephrology, Jianyang, CHINA.

SP255
PREGNANCY-ASSOCIATED ATYPICAL HEMOLYTIC UREMIC SYNDROME (P-AHUS): COURSE, TRIGGERS, THERAPEUTIC APPROACHES AND ADVERSE PROGNOSTIC MARKERS
Tatiana Kirsanova, Maria Vinogradova, Federal State Budget Institution Research Center Obstetrics, Gynecology and Perinatology Ministry of Healthcare Russian Federation, Reproductive Hematology, Moscow, RUSSIAN FEDERATION.

SP256
TUMOR LYSIS SYNDROME IN SOLID TUMORS: CLINICAL CHARACTERISTICS AND PROGNOSIS
Fernando Caravaca-Fontan1, Saul Pampa-Saico1, Maria Delgado-Yague1, Estefania Yerovi1, Maria Eugenia Olmedo2, Olga Martinez-Saez2, Fernando Lianñol1, 1Hosp Univ Ramon Y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Univ Ramon Y Cajal, Medical Oncology, Madrid, SPAIN.

SP257
PREVALENCE OF CHRONIC KIDNEY DISEASE STAGES 3-5 AMONG PATIENTS WITH TYPE 2 DIABETES MELLITUS: EXPERIENCE FROM A TERTIARY CARE HOSP BANGLADESH
Muhammad Abdur Rahim, BIRDEM, Nephrology, Dhaka, BANGLADESH.
Posters

CDK - PATHOPHYSIOLOGY & PROGRESSION I

SP258
PROTON PUMP INHIBITORS AND THE RISK OF CKD PROGRESSION; THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
Derk C.F. Klatte1,2, Alessandro Gasparini3,1, Hong Xu1, Pietro de Deco1,4, Björn Wettermark5, Johan Årnlöv6,7, Cynthia Jannatt2, Friedo W. Dekker2, Josef Coresh8, Morgan E. Grams9, Juan Jesus Carrero10,1, Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 2Leiden Univ Medical Center, Clinical Epidemiology, Leiden, NETHERLANDS, 3Univ Leicester, Dept Health Sciences, Leicester, UK, 4Univ Milano-Biccoca, Dept Statistics and Quantitative Methods, Milano, ITALY, 5Stockholm County Council, Development Dept, Stockholm, SWEDEN, 6Uppsala Univ, Dept Medical Sciences, Cardiovascular Epidemiology, Uppsala, SWEDEN, 7Dalarna Univ, School Education, Health and Social Studies, Falun, SWEDEN, 8Johns Hopkins Bloomberg School Public Health, Epidemiology, Baltimore, MD, 9Johns Hopkins Bloomberg School Public Health, School Medicine, Baltimore, MD, 10Karolinska Inst, Dept Molecular Medicine and Surgery, Stockholm, SWEDEN.

SP259
EFFECTS OF EMPAGLIFLOZIN ON RENAL OUTCOMES ACROSS KDIGO RISK CATEGORIES: RESULTS FROM THE EMPA-REG OUTCOME® TRIAL
Christoph Wanner1, Adeera Levin2, Vlado Perkovic3, Audrey Koitka-Weber4, Michaela Matteus5, Maximilian von Eynatten6, David Wheeler7, 1Dept Medicine, Würzburg Univ Clinic, Internal Medicine, Würzburg, GERMANY, 2Div Nephrology, Univ British Columbia, Vancouver, BC, CANADA, 3George Inst Global Health, Univ Sydney, Nephrology, Sydney, AUSTRALIA, 4Boehringer Ingelheim Pharma GmbH & Co. KG, Medical Affairs, Biberach, GERMANY, 5Boehringer Ingelheim Pharma GmbH & Co. KG, Biostatistics, Ingelheim, GERMANY, 6Boehringer Ingelheim Pharma GmbH & Co. KG, Medical Affairs, Ingelheim, GERMANY, 7Centre Nephrology, Unic College London, Nephrology, London, UK.

SP260
HIGH SALT DIET ALTERS GUT MICROBIOTA LEADING TO INFLAMMATION AND PROGRESSION OF CKD
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SP261
WHY DO NOT ALL CKD PATIENTS GET GOUT? NET FORMATION AND MONOCYTE FUNCTION IN CHRONIC KIDNEY DISEASE
Stefanie Steiger1, Qiuyue Ma1, Jyaysi Desai1, Julia Felicitas Grill1, Anais Rocanin Arjo1, Thomas Sitter2, Hans-Joachim Anders1, 1Klinikum der Universität München, Nephrologisches Zentrum, München, GERMANY, 2Klinikum der Universität München, Dialyse und Plasmapherese, München, GERMANY.

SP262
CLINICAL EFFECTS OF MOLECULAR HYDROGEN (H2) DELIVERY DURING HEMODIALYSIS IN CHRONIC DIALYSIS PATIENTS: FIVE YEARS MULTICENTER COOPERATIVE PROSPECTIVE OBSERVATIONAL STUDY
Masaaki Nakayama1,2, Wanjun Zhu1,2, Kimio Watanabe2, Tae Yamamoto1,2, Mariko Miyazaki1,2, Sadayoshi Ito2, 1Tohoku Univ Hosp, Research Div chronic kidney disease and dialysis treatment, Sendai, JAPAN, 2Tohoku Univ, Center Advanced and Integrated Renal Science, Sendai, JAPAN.

SP263
HYPERURICEMIA- AND GOUTY ARTHRITIS-RELATED MEDULLARY GOUT TOPHI ASSOCIATE WITH GLOMERULOSCLEROSIS AND INTERSTITIAL FIBROSIS IN A SERIES OF 81,200 KIDNEY BIOPSIES
Moritz Hernandez Petzsche1, Stefanie Steiger1, Helen Liapis2, Hans-Joachim Anders1, 1Klinikum der Universität München, Nephrologisches Zentrum, München, GERMANY, 2School Medicine, Washington Univ, Dept Pathology and Immunology and Internal Medicine (Renal), St. Louis, MO.

SP264
THE KIDNEY IS THE MAJOR SITE FOR THE REGULATION OF SOLUBLE KLOTHO IN HUMANS
Daniela Picciotto1, Daniela Verzola1, Francesca Ansaldo1, Samantha Milanesi1, Emanuele Luigi Parodi1, Gian Marco Rosa2, Antonella Sofia1, Alice Bonanni1, Francesca Viazzi1, Manrico Balbi2, Giacomo Garibotto1, 1Genoa Univ and IRCCS AOU San Martino-IST, Genoa, Italy, Nephrology, Genoa, ITALY, 2Genoa Univ and IRCCS AOU San Martino-IST, Genoa, Italy, Cardiology, Genoa, ITALY.

SP265
IMPAIRED FUNCTION OF THE CORTISOL-CORTISONE-CONVERSION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Gen Yasuda, Sanae Saka, Akira Fujiwara, Kazuhiro Shibata, Yokohama City Univ, Nephrology, Yokohama, JAPAN.
SP266
NEUROPEPTIDE Y ASSOCIATES WITH GFR LOSS AND PROTEINURIA AND PREDICTS THE EVOLUTION OF CKD TOWARD KIDNEY FAILURE: A STUDY IN TWO EUROPEAN CKD COHORTS
Francesca Mallamaci1, Graziella D’Arrigo1, Daniela Leonardi1, Patrizia Pizzini1, Maurizio Postorino1, Giovanni Tripaldi1, Arian van Zuijen2, Jan van den Brand3, Jack Wetzel4, Michel Botes5, Carmine Zoccali1, Peter Blankenstijn2, 1CRN-IFC and Riuniti Hosp, Research Unit Reggio Calabria and Nephrology Unit, Reggio Calabria, ITALY, 2Univ Medical Center Utrecht, Dept Nephrology, Utrecht, NETHERLANDS, 3Radboud Univ Medical Center, Dept Nephrology, Nijmegen, NETHERLANDS, 4Univ Hosp, Nijmegen, Dept Medicine, Nijmegen, NETHERLANDS, 5Univ Medical Center Utrecht, Julius Center Health Sciences and Primary Care, Utrecht, NETHERLANDS.

SP267
RED CELL DISTRIBUTION WIDTH AND RENAL OUTCOME IN PRE-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
Sayoko Yonemoto1,2, Takayuki Hamano3, Naohiko Fujii1, Daisuke Hayashi1, Isao Matsu2, Yoshihata Isaka2, 1Hyogo Prefectural Nishinomiya Hosp, Dept Internal Medicine, Nishinomiya, JAPAN, 2Osaka Univ Graduate School Medicine, Dept Nephrology, Suita, JAPAN, 3Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Suita, JAPAN.

SP268
ALBUMIN DOWNREGULATES KLOTHO IN TUBULAR CELLS
Beatriz Fernandez-Fernandez1, M. Concepción Izquierdo2, Dimitra Nastou3, Lara Valín-Rivas2, Laura Gonzalez Laffuente2, Ana B. Sam2, Alberto Ortiz1, M. Dolores Sanchez-Niño2, 1IIS-Fundación Jiménez Díaz-Universidad Autónoma Madrid, Nephrology, Madrid, SPAIN, 2IIS-Fundación Jiménez Díaz-Universidad Autónoma Madrid, Renal and Vascular Research Lab, Madrid, SPAIN, 3General Hosp Syros, Nephrology, Syros, GREECE.

SP269
EXPLORING THE MECHANISMS LINKING URAEMIC TOXINS TO ENDOTHELIAL GLYCOCALYX DEGRADATION
Irthe Van Assche, Eva Schepers, Wim Van Biesen, Griet Glorieux, Anneleen Pletinck, Ghent Univ Hosp, Dept Internal Medicine, Nephrology section, Ghent, BELGIUM.

SP270
PLASMA LIPOIDOMICS IN CHRONIC KIDNEY DISEASE AND HEMODIALYSIS PATIENTS
Flore Duranton1, Nathalie Gayrard1, Alain Ficheux1, Anne-Dominique Lajoix2, Klaus M. Weinberger3, Harald Mischak4, Angel Argués1,5, 1RD-Nephrology, Montpellier, FRANCE, 2BC2M (EA7288), Univ Montpellier, Montpellier, FRANCE, 3BIOMAIRES Life Sciences AG, Innsbruck, AUSTRIA, 4Mosaiques Diagnostics, Hannover, GERMANY, 5NDSG, Sete, FRANCE.

SP271
PIOGLITAZONE EFFECTIVELY REDUCES RENAL INTERSTITIAL FIBROSIS IN TGF-β TRANSGENIC MICE
Agnès Németh, Gabor Kokeny, Krisztina Fazekas, Amelia Foss, Attila Tordai, Miklos M. Mozes, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

SP272
IRON STIMULATION ENHANCED CALCIFICATION IN HUMAN VASCULAR SMOOTH MUSCLE CELLS
Yasuyuki Nagasawa1, Kawada Sayuri1, Mutuki Kawabe2, Aritoshi Kida1, Mana Yahiro1, Tomoko Kimura1, Masayoshi Nanami1, Yukiko Hasuike1, Takahiro Kuragano2, Keiji Nakasho2, Hideki Ohyama2, Takeshi Nakanishi1, 1Hyogo College Medicine, Dept Internal Medicine, Nishinomiya, JAPAN, 2Hyogo College Medicine, Dept Pathology, Nishinomiya, JAPAN.

SP273
THE IMPACT OF SEVELAMER ON GUT DERIVED UREMIC TOXINS LEVELS: RESULTS FROM A MULTICENTER, DOUBLE BLIND, RANDOMIZED, PLACEBO CONTROLLED CLINICAL TRIAL
Sophie Liabeuf1, Youssef Benni1, Jennifer Romezin2, Jean-Philippe Ryckelynck3, Najeh El Esper2, Pablo Urena4, Christiaan Combe5, Bertrand Dussolé6, Pascal Sonnet7, Alexandra Dassonneville-Klimpt7, Dominique Prié8, Gabriel Choukroun2, 1CHU Amiens, Pharmacology, Amiens, FRANCE, 2CHU Amiens, Nephrology, Amiens, FRANCE, 3CHU Caen, Nephrology, Caen, FRANCE, 4Clnique du Landy, Néphrologie, Saint Ouen, FRANCE, 5CHU Bordeaux, Néphrologie, Bordeaux, FRANCE, 6CHU Marseille, CIC 1409, Marseille, FRANCE, 7JFR Pharmacie, LG2A-UMR-CNRS 7378, Amiens, FRANCE, 8Hôp Necker-Enfants Malades, Physiology Dept, Paris, FRANCE.

SP274
URINARY ENDOTROPHIN (PRO-C6), A DYNAMIC PRODUCT OF TYPE VI COLLAGEN FORMATION, PREDICTS DISEASE PROGRESSION AND MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Daniel G. K. Rasmussen1,2, Federica Genovese1, Anthony Fortune3, Peter Boor4,5, Martin E. Tepel2,6, Charles Ferro3, Mark Jesky3, Morten A. Karsdal1, Paul Cockwell3, 1Nordic Bioscience, Biomarkers & Research, Herlev, DENMARK, 2Univ Southern Denmark, Inst Molecular Medicine, Cardiovascular and Renal Research, Odense, DENMARK, 3Queen Elizabeth Hosp, Dept Renal Medicine, Birmingham, UK, 4RWH Univ Aachen, Div Nephrology, Aachen, GERMANY, 5RWH Univ Aachen, Inst Pathology, Aachen, GERMANY, 6Oddense Univ Hosp, Dept Nephrology, Odense, DENMARK.
SP275
ASSOCIATIONS OF SODIUM INTAKE WITH OBESITY AND ALBUMINURIA IN OLDER ADULTS
SeWon Oh1, Kum Hyun Han2, Sang Youb Han2, Inje Univ Ilsan Paik Hosp, Internal medicine, Goyang, SOUTH KOREA, 2Ilsan Paik Hosp, Inje Univ College Medicine, Internal medicine, Goyang, SOUTH KOREA.

SP276
COMPOSITE URINARY MRNAS DETECTION IN EVALUATING FIBROSIS IN IGAN
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SP277
THE J-SHAPED ASSOCIATION OF FATTY LIVER INDEX WITH MICROALBUMINURIA IN GENERAL POPULATION
Joon-Sung Park, Chang Hwa Lee, Jong Wook Choi, Hanyang Univ College Medicine, Internal Medicine, Seoul, SOUTH KOREA.

SP278
IMPACT OF NON-ALCOHOLIC FATTY LIVER DISEASE ON CARDIOVASCULAR OUTCOMES AND MORTALITY IN ADVANCED CHRONIC KIDNEY DISEASE
Rajkumar Chinnadurai, James Ritchie, Diana Vassallo, Darren Green, Philip Kalra, Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK.

SP279
HIGH DIETARY PHOSPHORUS INTAKE IS A RISK FACTOR FOR INCIDENT CHRONIC KIDNEY DISEASE DEVELOPMENT IN DIABETIC SUBJECTS: A COMMUNITY-BASED PROSPECTIVE COHORT STUDY
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SP280
VALUE OF URINARY PODOCIN LEVEL AS AMARKER OF DIABETIC KIDNEY DISEASE
Abdel Bassit EIshaarawy1, Maha A. Behairy1, Somia A. Bawady2, Eman A. Shadadi1, Fatma A. Ahmed1, 1Ain shams Univ, Fac medicine, nephrology, cairo, EGYPT, 2Ain shams Univ, Fac medicine, clinical pathology, cairo, EGYPT.

SP281
ARTERIOVENOUS FISTULA CREATION AND A SLOWING GLOMERULAR FILTRATION RATE DECLINE. A MYTH OR REALITY?
Ivan A. Luz, Rachele S. Escoli, Karina Lopes, Ana V. Lobos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

SP282
DIFFERENCES IN LIPOPROTEINS SUBFRACTIONS BETWEEN PATIENTS WITH CAD AND CAD PLUS CKD
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SP283
IN VIVO AND EX VIVO ASSESSMENT OF MICROVASCULAR FUNCTION IN RENAL TRANSPLANT RECIPIENTS FROM A LIVING DONOR
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SP284
BETA-TRACE PROTEIN CORRELATES WITH ENDOTHELIAL FUNCTION IN PERIPHERAL RESISTANCE ARTERIES IN END STAGE RENAL DISEASE
Samsul Arefin1,2, Amaryllis H. Van Craenenbroeck3, Neja Mudrovic1,2, Ann-Christin Bragfors-Helin2, Peter Stenvinkel2, Karolina Kublickiene1,2, 1Karolinska Inst, Dept Clinical Science, Intervention & Technology, Div Obstetrics & Gynecology, Stockholm, SWEDEN, 2Karolinska Inst, Dept Clinical Science, Intervention & Technology, Div Renal Medicine, Stockholm, SWEDEN, 3Univ Antwerp, Dept Nephrology, Lab Experimental Medicine and Pediatrics, Antwerp, BELGIUM.
SP285
ANGIOTENSIN-CONVERTING ENZYME GENE (ACE), ALDOSTERONE SYNTHASE GENE (CYP11B2) AND ENDOTHELIAL NITRIC OXIDE SYNTHASE GENE (ENOS3) POLYMORPHISM AND CARDIAC REMODELING IN CHRONIC GLOMERULONEPHRITIS
Titiana Rudenko1, Elena Kamysheva1, Mikhail Shvetsov2,3, Irina Kutyrina2, Valery Nosikov4, Irina Bobkova1, 1.M. Sechenov First Moscow State Medical Univ, Dept Nephrology, Moscow, RUSSIAN FEDERATION, 2.M. Sechenov First Moscow State Medical Univ, Chair Nephrology and hemodialysis Inst professional education, Moscow, RUSSIAN FEDERATION, 3.M.V. Lomonosov Moscow State Univ, Fac Fundamental Medical, Moscow, RUSSIAN FEDERATION, 4Emanuel Inst Biochemical Physics of Russian Academy Sciences, Lab post-genomic molecular genetic research, Moscow, RUSSIAN FEDERATION.

SP286
FACTORS AFFECTING THE PROGRESSION OF CHRONIC KIDNEY DISEASE BEYOND ACE-INHIBITION IN KWAZULU-NATAL (SOUTH AFRICA)
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SP287
RETINOPATHY AND LEFT VENTRICULAR HYPERTROPHY IN PATIENTS WITH CHRONIC KIDNEY DISEASE: INTERRELATIONSHIP AND IMPACT ON CLINICAL OUTCOMES
Hyeon Seok Hwang1, Yaeni Kim2, Yu Ah Hong3, Hye Eun Yoon2, Yoon Kyung Chang3, Seok Joon Shin2, Suk Young Kim3, 1College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, College Medicine, Daejeon, SOUTH KOREA, 2College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Incheon, SOUTH KOREA, 3College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Daejeon, SOUTH KOREA.

SP288
INDOXYL SULFATE INCREASES VASCULAR THROMBOSIS INDUCED BY ELECTRIC CURRENT AND LASER INJURY IN ANIMAL MODELS
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SP289
MTORC1 SIGNALING IN INSULIN RESISTANCE RATS WITH CHRONIC KIDNEY DISEASE
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SP290
RISK FACTORS FOR THE DEVELOPMENT OF CHRONIC KIDNEY DISEASE IN LIVER TRANSPLANT PATIENTS - A PROSPECTIVE SINGLE CENTER EVALUATION
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SP291
EXPRESSION OF BRAIN-DERIVED NEUROTROPHIC FACTOR IN KIDNEYS FROM NORMAL AND CYCLOSPORINE-TREATED RATS
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SP292
EVALUATION OF RENAL RESPONSE AND SURVIVAL IN PRE-DIALYSIS PATIENTS WITH MULTIPLE MYELOMA IN TWO DIFFERENT DECADES: A SINGLE CENTRE STUDY
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SP293
URINARY COTININE IS A RELIABLE MARKER OF SMOKING IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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SP294
INCREASED SODIUM CHLORIDE COTRANSPORTER EXPRESSION IN A RAT REMNANT KIDNEY MODEL
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SP295
CLINICAL CORRELATES OF ULTRASOUND RENAL RESISTIVE INDEX IN NON-DIALYSIS CKD PATIENTS
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SP296
EFFECT OF FEBUXOSTAT VERSUS ALLOPURINOL ON HYPERURICEMIA AND PROGRESSION OF CHRONIC KIDNEY DISEASE
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SP297
HYPERPHOSPHATEMIA IMPAIRS MUSCULAR REGENERATION BY INHIBITING MIOGENIC DIFFERENTIATION
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SP298
TRANSIENT ARTERIAL HYPOTENSION IN PATIENTS WITH CHRONIC HEART FAILURE IS ASSOCIATED WITH THE DECREASE OF ESTIMATED GLOMERULAR FILTRATION RATE
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SP299
ROLE OF CARDIOTROPIN-1 IN THE DEVELOPMENT OF RENAL COMPENSATORY HYPERTROPHY AFTER UNILATERAL NEPHRECTOMY IN MICE
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SP300
THE PREVALENCE, SUBTYPES AND RISK FACTORS OF HYPERURICEMIA IN LUPUS NEPHRITIS PATIENTS AT CHRONIC KIDNEY DISEASE STAGE 1-3
Simeng Liu, Peng Xing, Hong Ren, Wen Zhang, Xiaonong Chen, Xiao Li, Nan Chen, Ruijin Hosp, Shanghai Jiao Tong Univ School Medicine, Nephrology, Shanghai, CHINA.

SP301
SERUM BETA 2 MICROGLOBULIN ON INITIATION OF DIALYSIS AND MORTALITY
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SP302
TIME-AVERAGED BLOOD PRESSURE AND OUTCOMES IN STAGE 3 TO 5 CHRONIC KIDNEY DISEASE PATIENTS
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SP303
QUANTIFICATION OF THE ASSOCIATION BETWEEN CHRONIC KIDNEY DISEASE AND CAUSE-SPECIFIC HOSPITALIZATION: A UK POPULATION-BASED COHORT STUDY
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SP304
SILENT BRAIN INFARCTION IS A PREDICTOR OF CARDIOVASCULAR EVENTS IN CHRONIC KIDNEY DISEASE
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SP305
HIGHER RISK OF RENAL DISEASE IN CHRONIC HEPATITIS C PATIENTS, AND TREATMENT IMPROVED SURVIVAL FOR HEMODIALYSIS PATIENTS - A NATIONWIDE POPULATIONBASED REGISTER STUDY FROM 2001 TO 2013
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SP306
OUTCOMES ASSOCIATED TO SERUM PHOSPHATE LEVELS IN PATIENTS WITH SUSPECTED ACUTE CORONARY SYNDROME
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SP307
ASSOCIATION OF INCIDENT GOUT WITH NEW-ONSET KIDNEY FAILURE IN THE UK HEALTH SYSTEM
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SP308
INTRA-INDIVIDUAL CHANGES IN HIGH-SENSITIVE TROPONIN I AND T LEVELS IMPROVE DIAGNOSTIC PERFORMANCE FOR ACUTE MYOCARDIAL INFARCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Daniel Kraus1, Beatrice von Jeinsen2, Stergios Tzikas4, Lars Paladies2, Tanja Zeller5,6, Christoph Bickel7, Georg Fette8, Karl J. Lackner9, Christiane Drechsler1, Johannes T. Neumann5,6, Stephan Baldus10, Stefan Blankenberg5,6, Thomas Münnzel11, Christian Wanner1,12, Andreas M. Zeiher2,3, Till Keller2,3,13, Würzburg Univ Hosp, 1st Dept Internal Medicine, Würzburg, GERMANY, 2Goethe Univ, Dept Internal Medicine III, Frankfurt, GERMANY, 3German Centre Cardiovascular Research (DZHK), 4Aristotle Univ, 3rd Dept Cardiology, Thessaloniki, GREECE, 5Univ Heart Center, Clinic General and Interventional Cardiology, Hamburg, GERMANY, 6German Centre Cardiovascular Research (DZHK), partner site Hamburg/Lübeck/Kiel, Hamburg, GERMANY, 7Federal Armed Forces Hosp, Dept Internal Medicine, Koblenz, GERMANY, 8Univ Würzburg, Dept Artificial Intelligence and Applied Computer Science, Würzburg, GERMANY, 9Univ Medical Center, Dept Lab Medicine, Mainz, GERMANY, 10Univ Cologne, Dept Internal Medicine III, Cologne, GERMANY, 11Univ Medical Center, Dept Internal Medicine II, Mainz, GERMANY, 12Comprehensive Heart Failure Center, Chc, Würzburg, GERMANY, 13Kerckhoff Heart and Thorax Center, Dept Cardiology, Bad Nauheim, GERMANY.
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SP309
DECLINE OF RENAL FUNCTION PRIOR TO DIALYSIS INITIATION IN CKD PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
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SP310
ANGIOGENIC AND ANTIANGIOGENIC FACTORS DURING PREGNANCY WITH OR WITHOUT PREECLAMPSIA IN WOMEN WITH CHRONIC KIDNEY DISEASE
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SP311
INFLUENCE OF RENAL IMPAIRMENT ON OUTCOME FOR THROMBOLYSIS-TREATED ACUTE ISCHEMIC STROKE: THE ENCHANTED TRIAL
Susan J. Carr1, Xia Wang2, Pablo Lavados3, Veronica Olavarria4, Jorge Rodriguez5, Jong Kim6, Tsong-Hai Lee7, Richard Lindley8, Octavio Pontes-Neto9, Stefano Ricci10, Shoichiro Sato11, Vijay Sharma12, Mark Woodward12, John Chalmers12, Craig Anderson2, Thompson G. Robinson13, 1Univ Hosp Leicester, John Walls Renal Unit, Leicester, UK, 2George Inst Global Health, Neurological Disorders and Mental Health, Univ Sydney, AUSTRALIA, 3Clinics Alemana Santiago, Fac Medicina, Univ Chile, CHILE, 4Univ Desarrollo, Dept Paciente Critico and Dept Naeurologia, Santiago, CHILE, 5Clinica Alemana Santiago, Dept Paciente Critica, Univ Andres Bello, Santiago, CHILE, 6Univ Ulsan, Dept Neurology, Seoul, SOUTH KOREA, 7Chang Gung Univ, Stroke Center and Dept Neurology, Taoyuan, TAIWAN, 8Univ Sydney, George Inst Global Health, Sydney, AUSTRALIA, 9Univ Sao Paulo, Dept Neurosciences and Behavioural Sciences, Ribeirao Preto, BRAZIL, 10USL Unbria, Neurologia, Italy, ITALY, 11National Cerebral & Cardiovascular centre, Dept Cerebrovascular Medicine, Osaka, JAPAN, 12National Univ Singapore, Yong Loo Lin School Medicine, Singapore, SINGAPORE, 13Univ Leicester, Dept Cardiovascular Sciences, Leicester, UK.

SP312
CHRONIC KIDNEY DISEASE AND ESPECIALLY ALBUMINURIA IS ASSOCIATED WITH INCREASED BLEEDING RISK IN PATIENTS AT HIGH CARDIOVASCULAR RISK
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SP313
INCIDENCE AND DETERMINANTS OF HYPERKALEMIA IN A LARGE NORTH EUROPEAN HEALTHCARE SYSTEM
Erik Nilsson1,2, Alessandro Gasbarini3,4, Johan Arnlov5, Hairong Xu6, Karin M. Henriksson5, Joe Coresh7, Morgan Grams7, Juan J. Carrero1, 1Karolinska Inst, CLINTEC, Stockholm, SWEDEN, 2Oxon Epidemiology (Ltd), Centre Real World Database studies, London, UK, 3Univ Leicester, Dept Health Sciences, Leicester, UK, 4Karolinska Inst, Renal medicine, Stockholm, SWEDEN, 5Uppsala Univ, Dept Medical Sciences, Uppsala, SWEDEN, 6AstraZeneca Inc., Medical Evidence and Observational Research, Gaithersburg, MD, 7Johns Hopkins Bloomberg School Public Health, Epidemiology, Baltimore, MD.

SP314
ASSOCIATION OF GOUT CONTROL WITH REDUCED INCIDENCE OF KIDNEY FAILURE IN THE UK HEALTHCARE SYSTEM
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SP315
VITAMIN K ANTAGONIST USE AND RATE OF RENAL FUNCTION DECLINE AND TIME UNTIL START OF DIALYSIS IN INCIDENT PRE-DIALYSIS PATIENTS
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Posters

SP316
HIDDEN HYPOCALCEMIA DIAGNOSED BY IONIZED CALCIUM IS PREVALENT IN EARLY CKD STAGES
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SP317
ARE ACETYLATED DIMETHYLARGININES INDEPENDENT CARDIOVASCULAR RISK FACTORS IN CKD PATIENTS?
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SP318
HEALTHCARE RESOURCE UTILIZATION ASSOCIATED WITH ELEVATED POTASSIUM LEVELS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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SP319
DEFINING CARDIAC FUNCTION EARLY AFTER RENAL TRANSPLANTATION: CHALLENGES UNRAVELLED BY CARDIAC MAGNETIC RESONANCE IMAGING

SP320
ASSOCIATION OF PRE-ESRD SERUM CALCIUM WITH POST-ESRD MORTALITY IN LATE-STAGE CKD
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SP321
HEALTHCARE RESOURCE UTILIZATION FOLLOWING HYPERKALEMIA IN ADULTS IN THE UK
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SP322
RENAI FUNCTION EVOLUTION IN PATIENTS WITH HEPATITIS C VIRUS (HCV) WITH BASELINE ESTIMATED GLOMERULAR FILTRATION RATE (eGFR) BETWEEN 30-60 ML/MIN/1.73 M2 TREATED WITH OMBITASVIR/ PARITAPREVIR/ RITONAVIR AND DASABUVIR (3D) VS. REGIMENS BASED ON SOFOSBUVIR (SO)
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SP323
EVALUATION OF RIGHT ATRIUM-TO-RIGHT VENTRICLE DIAMETER RATIO ON ECHOCARDIOGRAPHY IN ACUTE MYOCARDIAL INFARCTION PATIENTS WITH CHRONIC KIDNEY DISEASE: PREDICTION OF HOSPITAL MORTALITY
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SP324
SERUM HEPcidIN IS ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN NON-DIALYSIS ADULT PATIENTS WITH CHRONIC KIDNEY DISEASE: RESULT FROM THE KOREAN COHORT STUDY FOR OUTCOMES IN PATIENTS WITH CHRONIC KIDNEY DISEASE (KNOW-CKD)
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SP325
THE SEVERITY OF DIPSTICK PROTEINURIA LEVEL IS PREDICTIVE OF FUNCTIONAL STATUS INDEPENDENT OF CHRONIC KIDNEY DISEASE DURING ACUTE MEDICAL ILLNESS AMONG HOSPIZED ELDERLY
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SP326  CYLINDER TO WEIGHT RATIO, NEW ANTHROPOMETRIC INDEX FOR CARDIOVASCULAR RISK FACTORS  
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SP327  SYSTEMATIC RENAL FUNCTION EVALUATION USING IOHEXOL OR INULINE CLEARANCE BEFORE LUNG TRANSPLANTATION IN ADULT CF PATIENTS  
Etienne Novel Catini1, Solenne Pelletier1, Raphaele Nove Josserand2, Quiterie Reynaud2, Stephane Durupt2, Laurence Dubourg3, Isabelle Durieu2, Maurice Laville1, Denis Fouque1, 1Lyon Sud Univ Hosp, Nephrology, Pierre Benite, FRANCE, 2Lyon Sud Univ Hosp, Cystic Fibrosis adult center, Pierre Benite, FRANCE, 3Edouard Herriot Univ Hosp, Nephrology, Lyon, FRANCE.

SP328  CIRCULATING RENALASE PREDICTS ALL-CAUSE MORTALITY AND RENAL OUTCOME IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE: A RETROSPECTIVE ANALYSIS OF A RANDOMIZED CONTROLLED STUDY  
Seon Ha Baek, Sejoong Kim, Ki Young Na. Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam, SOUTH KOREA.

SP329  THE POTENTIAL OF URINARY BIOMARKERS TO IMPROVE RISK STRATIFICATION FOR CKD PROGRESSION: A PILOT STUDY  
Patrizia Pizzini, Daniela Leonardis, Claudia Torino, Maurizio Postorino, Giovanni Tripepi, Francesca Mallamaci, Carmine Zoccali, MAURO study working group, CNR, IFC, Reggio Calabria, ITALY.

SP330  PATIENTS REPORTED OUTCOMES ACCORDING TO THE STAGE OF CHRONIC KIDNEY DISEASE  
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SP331  CHRONIC KIDNEY DISEASE AND THE ASSOCIATION OF SELF-ASSESSED LIFESTYLE BEHAVIORS WITH MORTALITY IN A LARGE JAPANESE GENERAL POPULATION  
Ayami Furusawa1, Ryo Kidol1, Masaru Murasawa1, Daiuske Uchida1, Shouichi Fujimoto2, Kunitoshi Iseki2, Toshiki Moriymara2, Kunihiro Yamagata2, Kazuhiko Tsuruya2, Tsuneo Konta2, Ichiei Narita2, Masahide Kondo2, Masato Kasahara2, Koichi Asahli2, Tsuyoshi Watanabe2, Yugo Shibagaki2, Hiross Kawarazaki2, 1Inaghi Municipal Hosp, Internal Medicine, Tokyo, JAPAN, 2Steering Committee Research on Design of Comprehensive Health Care System for CKD Based on Individual Risk Assessment by Specific Health Checkup, Nephrology, Fukushima, JAPAN, 3Study group of Design of comprehensive health care system for CKD based on individual risk assessment by Specific Health Check (MHLW) and Reach-J project (AMED), Nephrology, Tsukuba, JAPAN.

SP332  CARDIOVASCULAR EVENTS IN PRE-KIDNEY TRANSPLANT CANDIDATES: ARE THERE DIFFERENCES BETWEEN CONVENTIONAL VS NON-CONVENTIONAL RISK FACTORS IN PROGNOSIS?  
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SP333  MANAGEMENT OF BONE AND MINERAL METABOLISM DISORDERS BEFORE THE DIALYSIS STAGE REMAINS STILL PERFECTIBLE FROM THE FRENCH PHOSPHORUS AND CALCIUM SURVEY «PHOTO-GRAPHE»  
Guillaume Jean1, Eric Daugas2, Hubert Roth3, Tilman Drueke4, Jean-Louis Bouchet5, Thierry Hannedouche6, Gérard London7, Denis Fouque8, 1NÉPHROCARE Tassin Charcot, Dialysis, Sainte Foy-lès-lyon, FRANCE, 2Bichat Hosp APHP, Nephrology, Paris, FRANCE, 3CHU Grenoble, Centre Recherche Nutrition Humaine Rhône-Alpes, Grenoble, FRANCE, 4Univ Paris-Sud, Inserm Unit 1018, CESP, Paris, FRANCE, 5Centre Traitement Maladies Rénales Saint-Augustin, Dialysis, Bordeaux, FRANCE, 6Hop Univ Strasbourg, & Fac Médecine, Néphrologie, Strasbourg, FRANCE, 7Hop Fleury Mérigis, Néphrologie, Fleury Mérigis, FRANCE, 8Hop Lyon Sud, Univ Lyon, Néphrologie, Lyon, FRANCE.

SP334  HIGH PREVALENCE OF NON-ALCOHOLIC FATTY LIVER DISEASE IN CHRONIC KIDNEY DISEASE  
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SP335
CHRONIC KIDNEY DISEASE (CKD) INTEGRATION ACROSS THE CARE CONTINUUM BETWEEN PRIMARY CARE-TERTIARY HOSP
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SP336
NEPHROLOGIC VERSUS UROLOGIC CARE IN ELDERLY INDIVIDUALS WITH IMPAIRED KIDNEY FUNCTION - THE BERLIN INITIATIVE STUDY
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SP337
ASSOCIATIONS OF SOCIOECONOMIC STATUS WITH INCIDENCE AND PROGRESSION OF CHRONIC KIDNEY DISEASE: A META-ANALYSIS
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SP338
EARLY RENAL SCREENING IN HYPERTENSIVE AND DIABETIC PATIENTS IN PRIMARY HEALTH CARE

SP339
NIGHT SHIFT FREQUENCY AND INCIDENCE OF PROTEINURIA: A RETROSPECTIVE COHORT STUDY
Ryohei Yamamoto1, Maki Shinzawa2, Yoshiyuki Fujii2, Katsunori Aoki2, Koari Nakanishi1, Masa-hiro Koseki1, Makoto Nishi1, Makoto Nishi1, Keiko Yamauchi-Takahara1, Yoshitaka Isaka2, Toshiki Moriyama1, Toyosaka Univ, Health Care Center, Toyonaka, JAPAN, 2Osaka Univ Graduate School Medicine, Dept Nephrology, Suita, JAPAN.

SP340
ANEMIA AND MORTALITY IN PATIENTS WITH NONDIALYSIS-DEPENDENT CHRONIC KIDNEY DISEASE
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SP341
PREVALENCE AND DETERMINANTS OF HYPERKALEMIA IN PATIENTS WITH STAGE 3-4 CKD: A PROSPECTIVE OBSERVATIONAL STUDY

SP342
DEPRESSION AND SUICIDAL IDEATIONS ARE ASSOCIATED WITH RENAL FUNCTION DECLINE EVEN IN PATIENTS WITH MILD RENAL IMPAIRMENT
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SP343
THE RELATIONSHIP BETWEEN MEMBRANOUS NEPHROPATHY AND HEAVY METALS
Li Lin1, Daoyuan Sun2, Weiming Wang1, Xiaojia Pan1, Hong Ren1, Wen Zhang1, Jingyuan Xie1, Hao Shi1, Xiao Li1, Yaoen Xu1, Pingyan Shen1, Nan Chen1, 1Dept Nephrology, Inst Nephrology, Ruijin Hosp, School Medicine, Shanghai Jiaotong Univ, Dept Nephrology, Shanghai, CHINA, 2Shanghai Pumonary Hosp, Tongji Univ, China, Dept Occupational Poisoning, Shanghai, CHINA.
CKD - MBD

SP344
INFLAMMATION AND FGF23/KLOTHO SYSTEM INATHEROSCLEROSIS
Ernesto Martín Nuñez1, Javier Donate Correa1, Angel López Castillo2, Alejandro Delgado Molinos2, Carla Ferrl1, Sergio Rodríguez Ramos3, Purificación Cerró3, Nayra Pérez Delgado4, Carmen Mora Fernández1, Juan F. Navarro-Gonzalez5, 1Univ Hosp Nuestra Señora de Candelaria, Research Unit, Santa Cruz de Tenerife, SPAIN, 2Univ Hosp Nuestra Señora de Candelaria, Vascular Surgery Service, Santa Cruz de Tenerife, SPAIN, 3Univ Hosp Nuestra Señora de Candelaria, Transplant Coordination, Santa Cruz de Tenerife, SPAIN, 4Univ Hosp Nuestra Señora de Candelaria, Clinical Analysis Service, Santa Cruz de Tenerife, SPAIN, 5Univ Hosp Nuestra Señora de Candelaria, Research Unit and Nephrology Service, Santa Cruz de Tenerife, SPAIN.

SP345
SECRETED PHOSPHOPROTEIN 24 (SPP24) IS A NOVEL BIOMARKER OF MINERAL METABOLISM: A CROSS-SECTIONAL EVALUATION
Mandy E. Turner1, Christine A. White2, Karen Rees-Milton2, Wilma M. Hopman3, Michael A. Adams1,2, Tassos Anastassiades2, Rachel M. Holden1,2, 1Queen’s Univ, Biomedical and Molecular Sciences, Kingston, ON, CANADA, 2Queen’s Univ, Medicine, Kingston, ON, CANADA, 3Kingston General Hosp, Clinical Research Centre, Kingston, ON, CANADA.

SP346
BONE BIOPSY RESULTS IN CHRONIC KIDNEY DISEASE
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SP347
MORTALITY AND BONE SAFETY OUTCOMES IN PATIENTS WITH END-STAGE RENAL DISEASE RECEIVING LANTHANUM CARBONATE: A LONG-TERM, OBSERVATIONAL STUDY
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SP348
SMOOTH MUSCLE-SELECTIVE NF-κB INHIBITION REDUCES PHOSPHATE-INDUCED VASCULAR CALCIFICATION IN MICE WITH CHRONIC KIDNEY DISEASE
Tadashi Yoshida, Maho Yamashita, Matsuhiko Hayashi, Keio Univ, Apheresis and Dialysis Center, Tokyo, JAPAN.

SP349
IMPACT OF CINACALCET TREATMENT ON CARDIOVASCULAR OUTCOMES IN CKD PATIENTS WITH SECONDARY HYPERPARATHYROIDISM: THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
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SP350
THE EXPRESSION OF VIMENTIN IS SUPPRESSED IN VASCULAR CALCIFICATION
C Alonso-Montes1, C Quirós-Cas02, S Barrio-Vázquez1, R García-Castro3, N Carrillo-López1, M Álvarez-Viejo4, MP. Alonso-Suárez5, F Otero-García5, JM. Fernández-Gómez6, MA. Hevia-Suárez6, MC. Rodriguez-Suarez6, JE. Sánchez-Alvarez3, M Rodriguez-García3, JB. Cannata-Andia1, JL. Fernández-Martín1, 1Hosp Univ Central de Asturias, Univ Oviedo, Bone and Mineral Research Unit, Inst Reina Sofia Investigación, REDinREN del ISCIII, Oviedo, SPAIN, 2Hosp Univ Central de Asturias, Lab Medicine, Oviedo, SPAIN, 3Hosp Univ Central de Asturias, Div Nephrology, Oviedo, SPAIN, 4Hosp Univ Central de Asturias, Cell Therapy and Regenerative Medicine Unit, Oviedo, SPAIN, 5Hosp Univ Central de Asturias, Transplant Coordination Unit, Oviedo, SPAIN, 6Hosp Univ Central de Asturias, Dept Urology, Oviedo, SPAIN.

SP351
INTEREST OF FREE VITAMIN D IN CKD
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SP352
ASSOCIATION BETWEEN CENTRAL KYNURENINE METABOLISM AND BONE STRENGTH IN RATS WITH CHRONIC KIDNEY DISEASE
Bartłomiej Kalaska1, Krystyna Pawlak2, Ewa Oksztulska-Kolanek2, Tomasz Domaniewski2, Malgorzata Karbowska1, Aleksandra Cikowski1, Piotr Jakubowski3, Dariusz Pawlak1, 1Medical Univ Bialystok, Dept Pharmacodynamics, Bialystok, POLAND, 2Medical Univ Bialystok, Dept Monitored Pharmacotherapy, Bialystok, POLAND, 3Univ Warmia and Mazury, Dept Pharmacology and Toxycology, Olsztyn, POLAND.

SP353
HOW TO ASSESS THE EFFICACY OF PHOSPHATE BINDERS
Fernando Caravaca-Fontán, Lilia Azevedo, Enrique Luna, Francisco Caravaca, Hosp Infanta Cristina, Nephrology, Badajoz, SPAIN.

SP354
BONE HISTOMORPHOMETRY DATA IN RENAL TRANSPLANT PATIENTS WITH HYPERCALCEMIC HYPERPARATHYROIDISM WITH AND WITHOUT CINACALCET TREATMENT
Tiago J. Carvalho1, Catarina Carvalho2,3, Teresa Adragão1, Jorge Dickson1, Cristina Jorge1, Rita Brin1, André Weigert1, Margarida Bruges1, Patrícia Matias1, Regina Oliveira1, Ana Casqueir01, João Fraijo1,2, Domingos Machado1, 1Hosp Santa Cruz, Nephrology, Carnaxide, PORTUGAL, 2Hosp Braga, Nephrology, Braga, PORTUGAL, 3Porto Univ, Inst Investigação e Inovação Saúde, Porto, PORTUGAL, 4São João Hosp Center, Nephrology, Porto, PORTUGAL.

SP355
THE ROLE OF CALCIPROTEIN PARTICLES IN THE MINERALISATION PARADOX OF CHRONIC KIDNEY DISEASE
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SP356
SOLUBLE THROMBOMODULIN IN RELATION TO MINERAL-BONE DISORDERS, MICROINFLAMMATION AND ARTERY CALCIFICATION IN CHRONIC KIDNEY DISEASE PATIENTS
Marcin Krzanoski1, Katarzyna Krzanoska1, Mariusz Gajda2, Paulina Dumnicka3, Przemyslaw Miarka1, Karolina Woziwodzka1, Jan A. Litwin2, Wladyslaw Sułowicz1, 1Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 2Jagiellonian Univ Medical College, Dept Histology, Krakow, POLAND, 3Jagiellonian Univ Medical College, Dept Medical Diagnostics, Krakow, POLAND.

SP357
PTH INDUCES BONE ENDOTHELIAL-ADIPOCYTE TRANSITION IN UREMIC RATS WITH LOW BONE MINERAL DENSITY
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SP358
EFFECTS OF VITAMIN D SUPPLEMENTATION ON MARKERS OF BONE AND MINERAL METABOLISM IN PEDIATRIC PATIENTS WITH EARLY AND LATE CKD
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SP359
HYPERPHOSPHATEMIA PROGRESSES CHRONIC KIDNEY DISEASE - MINERAL BONE DISEASE IN VASCULAR AND BONES: ESTABLISHMENT AND ANALYSIS OF NOVEL MOUSE MODEL
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SP360
DIRECT RENIN INHIBITOR ALISKIREN AMELIORATES LOW BONE TURNOVER IN DIABETIC RAT
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SP361
THE RELATIONSHIP BETWEEN SOLUBLE KLOTHO AND DIFFERENT BIOMARKERS OF DIABETIC KIDNEY DISEASE - A CROSS-SECTIONAL STUDY
Flaviu Bob1, Adalbert Schiller1, Romulus Timar2, Daniel Lighezan3, Oana Schiller4, Florica Gadalean1, Adelina Mihaiescu1, Mircea Munteanu2, Bogdan Timar5, Iulia Grosu1, Georgeta Bujor6, 1Univ Medicine and Pharmacy Victor Babes Timisoara, Nephrology, Timisoara, ROMANIA, 2Univ Medicine and Pharmacy Victor Babes Timisoara, Diabetes, Timisoara, ROMANIA, 3Univ Medicine and Pharmacy Victor Babes Timisoara, Internal Medicine 1, Timisoara, ROMANIA, 4Avitum BBraun Center, Dialysis, Timisoara, ROMANIA, 5Univ Medicine and Pharmacy Victor Babes Timisoara, Informatics, Timisoara, ROMANIA, 6Univ Medicine and Pharmacy Victor Babes Timisoara, Biochemistry, Timisoara, ROMANIA.

SP362
EFFECT OF IRON CITRATE ON MATRIX AND SIMIL-OSTEOBLASTIC DIFFERENTIATION IN HIGH PHOSPHATE TREATED VASCULAR SMOOTH MUSCLE CELLS
Paola Cicci, Francesca Elli, Monica Falleni, Delfina Tosi, Gaetano Bulfamante, Mario Cozzolino, Univ Milan, Health Sciences, Milan, ITALY.

SP363
RELATIONSHIP BETWEEN SERUM SCLEROSTIN, BONE METABOLISM MARKERS, AND FRACTURE IN HEModialysis Patients: Tokai Dialysis Cohort Study
Yosuke Nakagawa1, Hirotaka Komab1,2, Takatoshi Kakuta1, Takehiko Wada1, Yuihiro Takahashi3, Juichi Abe4, Toru Hyodo5, Miho Hida5, Takao Sugah6, Masafumi Fukagawa1, 1Tokai Univ School Medicine, Div Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 2Tokai Univ, Inst Medical Sciences, Isehara, JAPAN, 3Jinken Clinic, Ebina, JAPAN, 4Chigasaki Central Clinic, Chigasaki, JAPAN, 5MedCorporation Kuratakei, Hiratsuka, JAPAN, 6Medical Corporation Showakai, Medical Corporation Showakai, Tokyo, JAPAN.

SP364
IRON CITRATE INHIBITS PHOSPHATE-INDUCED EARLY APOPTOSIS BY PREVENTING PHOSPHATIDYLserINE TRANSLocation AND MITOCHONDRIAL DEPOLARIZATION
Paola Cicci, Stefania Cannizzo, Francesca Elli, Alessandra Mingione, Emerenziana Ottaviano, Francesca Pivari, Antonella d’Arminio Monforte, Giulia Marchetti, Mario Cozzolino, Univ Milan, Health Sciences, Milan, ITALY.

SP365
COMPARISON OF THE EFFICACY OF DENOSUMAB AND ALENDRONATE IN GLUCOCORTICOID-INDUCED OSTEOPOROSIS
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SP366
DISRUPTED TUBULAR PTH/PTHr SIGNALING IS A POSSIBLE CANDIDATE FOR POSTSURGICAL KIDNEY INJURY IN PATIENTS WITH ADVANCED HYPERPARATHYROIDISM
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SP367
THE ASSOCIATION BETWEEN sRANKL/OPG SYSTEM, SERUM PTH AND VOLUMETRIC BONE MINERAL DENSITY IN GROWING RATS WITH EXPERIMENTAL CHRONIC KIDNEY DISEASE
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SP368
CHRONIC KIDNEY DISEASE MINERAL BONE DISORDER IN KOREAN PATIENTS - A REPORT FROM THE KNOW-CKD
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SP369 TREATMENTS OF MINERAL AND BONE DISORDER MAY BE UNDER-UTILIZED IN CKD PATIENTS
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SP370 FGF23 MAINLY REGULATES PHOSPHATE HOMEOSTASIS IN STAGE 3 CHRONIC KIDNEY DISEASE
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SP371 USE OF SUCROFERRIC OXYHYDROXIDE (VELPHORO) IN CKD WITH RESISTANT HYPERPHOSPHATEMIA
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SP372 EXPRESSION OF KLOTHO GENE IN VASCULAR TERRITORIES AND RELATIONSHIP WITH ATHEROSCLEROSIS
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SP373 IRON CITRATE PREVENTS PHOSPHATE INHIBITION OF RANKL-INDUCED OSTEOCLASTIC DIFFERENTIATION IN HUMAN MONOCYTE CELLS
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SP374 MINERAL METABOLISM ABNORMALITIES AND OUTCOMES IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
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SP375 RELATIONSHIP BETWEEN ARTERIAL STIFFNESS AND S-KLOTHO, FGF23 LEVELS IN Autosomal Dominant Polycystic Kidney Disease Patients
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SP376 MINERAL AND BONE DISORDERS AND VASCULAR PATHOLOGY IN ASYMPTOMATIC CKD NON DIALYSIS PATIENTS, NOT SUCH A CLEAR RELATIONSHIP
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SP377 THE EFFECT OF SHORT-TERM VITAMIN D SUPPLEMENTATION ON HYPERCALCAEMIC VITAMIN D INSUFFICIENT RENAL TRANSPLANT RECIPIENTS
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SP379 UNDERSTANDING KIDNEY TRANSPLANT BONE DAMAGE: A RETROSPECTIVE CROSS SECTIONAL STUDY
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SP380 ASSOCIATION BETWEEN MUNTNER AND KAUPPILA CALCIFICATION SCORES AND SURVIVAL IN HEMODI-
ALYSIS VS TRANSPLANT PATIENTS
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SP381 RACIAL VARIATIONS IN THE MARKERS OF MINERAL BONE DISORDERS IN CHRONIC KIDNEY DISEASE PA-
TIENTS IN SOUTH AFRICA
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cine, Johannesburg, SOUTH AFRICA.

SP382 FGF-23 AND KLOTHO LEVELS IN RENAL TRANSPLANT PATIENTS AND COMPARISON WITH HEMODIALYSIS
PATIENTS
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rology, Konya, TURKEY.

SP383 FIBROBLAST GROWTH FACTOR 23 IS DOMINANTLY PREDICTED BY THE DECLINE IN RENAL FUNCTION IN
NON-DIALYSIS CHRONIC KIDNEY DISEASE
Ana-Maria Mehedinti1, Ligia Iulia Torsin2, Liliana Viasu1, Mariana Lipan1, Gabriel Mirescu1,2, Cristina Capusa1,2, 1Dr. Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine and
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SP384 LONG-TERM EFFICACY OF CINACALCET IN THE TREATMENT OF PERSISTENT HYPERCALCEMIC HYPERPAR-
THYROIDISM IN RENAL TRANSPLANT PATIENTS
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SP385 VITAMIN D IN OVERWEIGHT CHRONIC KIDNEY DISEASE PATIENTS
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SP386 MULTIPLE GNAS1, FGF23, FGF3 GENES STRIKING MUTATIONS IN CKD PATIENTS WITH SH. NEW BONE
DISPLASIA-HEREDITARY OSTEODYSTROPHY AND UGLIFYING HUMAN FACE APPEARANCES. SAGLIKER
SYNDROME
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SP387 COMPARISON OF THE SUPPRESSIVE EFFECTS ON FIBROBLAST GROWTH FACTOR 23 BETWEEN FERRIC CIT-
RATE AND LANTHANUM CARBONATE
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SP388 RELATIONSHIP BETWEEN C-TERMINAL FGF23 AND PTH IN CKD
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CDK - NUTRITION & INFLAMMATION I

SP389
KETOANALOGUE TREATMENT IN CKD: +PRELIMINARY RESULTS FROM CKDOD
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SP390
INfiltration of M1 Macrophages is impaired but not M2, after unilateral ureter obstruction in Nrf2 deficient mice
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SP391
EFFECTS OF ROSUVASTATIN AND GEMFIBROZIL ON SMALL DENSE LDL-CHOLESTEROL IN CHRONIC HEMODIALYSIS PATIENTS
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SP392
DIETARY NET ENDOGENOUS ACID PRODUCTION AND CHRONIC KIDNEY DISEASE IN ELDERLY ADULTS
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SP393
SKLB023 ATTENUATED RENAL FIBROSIS BY THE SUPPRESSION OF INOS ACTIVATION IN MACROPHAGES
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SP394
ANTHRANILIC ACID AS AN UREMIC TOXIN LEADING TO ALTERATION OF THE FIBRINOLYTIC SYSTEM IN PRE-DIALYSIS PATIENTS WITH CHRONIC KIDNEY DISEASE
Tomasz W. Kaminski1, Malgorzata Karpowska1, Krystyna Pawlak2, Michal Mysliwiec3, Lukasz Puchala4, Dariusz Pawlak1, 1Medical Univ Białystok, Dept Pharmacodynamics, Białystok, POLAND, 2Medical Univ Białystok, Dept Monitored Pharmacotherapy, Białystok, POLAND, 3Medical Univ Białystok, Clinic Nephrology and Transplantation, Białystok, POLAND, 4Univ Warmia and Mazury, Dept Pharmacology and Toxicology, Olsztyn, POLAND.

SP395
REDUCED MUSCLE STRENGTH ASSOCIATES WITH HIGHER RISK OF MORTALITY COMPARED WITH REDUCED MUSCLE MASS IN ASIAN SARCOPENIC HEMODIALYSIS PATIENTS
Naohito Isoyama1, Zenzo Fujii2, Bengt Lindholm3, Koichi Uchiyama1, Hideyasu Matsuyama1, Yamauchi Univ, Dept Urology, Yamaguchi, JAPAN, 2St. Hill Hosp, Nephrology, Yamaguchi, JAPAN, 3Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN.

SP396
INCREASED CARBONYLATION OF HDL IN RABBITS WITH CKD: CARBONYLATED-HDL EXHIBIT BLUNTED ANTI-AGGREGATIVE ACTIVITY ON HUMAN PLATELETS THROUGH A CD36 PATHWAY
Nans Florens1,2, Catherine Calzada2, Elsa Hoibian2, Caroline C. Pelletier1,2, Nicolas Guillot2, Sandrine Lemoine3,4, Laurent Juillard1,5, Christophe O. Soulage2, 1Hospices Civils Lyon, Nephrology, Lyon, FRANCE, 2CarMeN, INSERM U1060, Univ Claude Bernard Lyon 1, IMBL, Villeurbanne, FRANCE, 3Hospices Civils Lyon, Renal Explorations, Lyon, FRANCE, 4CarMeN, INSERM U1060, Univ Claude Bernard Lyon 1, IHU Opera, Villeurbanne, FRANCE, 5Univ Lyon, CarMeN, INSERM U1060, INSA Lyon, Univ Claude Bernard Lyon 1, INRA U1397, IHU Opera, Villeurbanne, FRANCE.

SP397
AGE CONTENT OF A PROTEIN LOAD IS RESPONSIBLE FOR RENAL HYPERFILTRATION
Gabrielle Normand1,2,3, Sandrine Lemoine1,4,2,3, Marjorie Villien5, Didier Lebars6,7, Inés Meríza 3, Zacharie Irace3, Nicolas Costes3, Laurent Juillard1,4,2,3, 1Hospices Civils Lyon, Nephrology, Lyon, FRANCE, 2INSERM, Carmen, Lyon, FRANCE, 3Cermep Lyon, Imaging, Lyon, FRANCE, 4Univ Lyon, Nephrology, Lyon, FRANCE, 5Cermep Lyon, Radiology, Lyon, FRANCE, 6Hospices Civils Lyon, Pharmacology, Lyon, FRANCE, 7Univ Lyon, Pharmacology, Lyon, FRANCE.
SP398
LOW PROTEIN DIET SUPPLEMENTED WITH KETOANALOGUES IN PATIENTS WITH ADVANCED DIABETIC KIDNEY DISEASE AND SEVERE PROTEINURIA
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SP399
DIETARY REGIMENS POOR IN ANIMAL PROTEINS DECREASE CYANATES PRODUCTION THROUGH UREA REDUCTION IN CHRONIC KIDNEY DISEASE
Carmela Cosola1, Maria Teresa Rocchetti1, Stefania Marzocco2, Lucia Di Micco3, Emanuele De Simone4, Fabrizio Dal Piaz2, Loreto Gesualdo1, Biagio Raffaele Di Iorio3, 1Univ Bari Aldo Moro, Dept Emergency and Organ Transplantation, Nephrology, Dialysis and Transplantation Unit, Bari, ITALY, 2Univ Salerno, Dept Farmacy, Fisciano, ITALY, 3A. Landolfi Hosp, Nephrology Unit, Solofra, ITALY, 4AORN San Giuseppe Moscati, Nephrology Unit, Avellino, ITALY.

SP400
VERY LOW PROTEIN DIET REDUCES SERUM LEVELS OF INDOXYL SULFATE AND P-CRESYL SULFATE IN CHRONIC KIDNEY DISEASE
Maria Teresa Rocchetti1, Carmela Cosola1, Ighli di Barl1, Lucia Di Micco2, Emanuele De Simone3, Eustacchio Montemurro1, Giuseppe Dalfino1, Biagio Raffaele Di Iorio3, Loreto Gesualdo1, 1Univ Bari, DETO, Bari, ITALY, 2Univ Salerno, Dept Farmacy, Fisciano, ITALY, 3AORN San Giuseppe Moscati, Nephrology Unit, Avellino, ITALY.

SP401
COMBINATION OF OMEGA-3 FATTY ACID AND MENAQUINONE-7 PREVENTS PROGRESSION OF AORTIC CALCFICATION IN ADENINE AND LOW PROTEIN DIET INDUCED RAT MODEL
Won Suk An, Su Mi Lee, Young Ki Son, Seong Eun Kim, Dong-A Univ, Internal Medicine, Busan, SOUTH KOREA.

SP402
VALIDATION OF THE NUTRITION IMPACT SYMPTOMS SCORE FOR MALNUTRITION RISK SCREENING IN RENAL INPATIENTS
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SP403
COMBINED THERAPY OF OMEGA-3 FATTY ACID AND CHOLECALCIFEROL MODULATES MOLECULES ASSOCIATED WITH CARDIAC HYPERTROPHY AND SARCOPENIA IN 5/6 NEPHRECTOMY RATS
Won Suk An, Su Mi Lee, Young Ki Son, Seong Eun Kim, Dong-A Univ, Internal Medicine, Busan, SOUTH KOREA.

SP404
DIRECT FACTOR XA INHIBITOR PREVENTS RENAL INTERSTITIAL FIBROSIS IN MICE WITH UNILATERAL URETERAL OBSTRUCTION
Yasumasa Ikeda, Yuya Horinouchi, Yuki Izawa-Ishizawa, Toshiaki Tamaki, Tokushima Univ Graduate School, Pharmacology, Tokushima, JAPAN.

SP405
RANDOMIZED, CONTROLLED STUDY ON SUPPLEMENTATION OF KETOANALOGUES IN PREDIALYSIS PATIENTS TO PREVENT DECLINE IN GLOMERULAR FILTRATION RATE (GFR)
Anita Saxena, Amit Gupta, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA.

SP406
HYDROGEN SULFIDE (H2S) ATTENUATES CPP-INDUCED CALCFICATION OF VASCULAR SMOOTH MUSCLE CELLS VIA ACTIVATION OF THE KEAP1 NRF2 NQO1 SIGNALING PATHWAY
Parisa Aghagolzadeh1, Ramin Radpour1, Matthias Bachtler1, Harry van Goor2, Edward R. Smith3, Adam Lister4, Alex Odermatt4, Martin Feilisch5, Andreas Pasch1, 1Univ Bern, Clinical Research, Bern, SWITZERLAND, 2Univ Medical Center Groningen, Pathology and Medical Biology, Groningen, NETHERLANDS, 3Royal Melbourne Hosp, Nephrology, Melbourne, AUSTRALIA, 4Univ Basel, Pharmaceutical Sciences, Basel, SWITZERLAND, 5Univ Southampton, Experimental Medicine and Integrative Biology, Southampton, UK.

SP407
MOTIVATIONAL COUNSELING TO OVERCOME THE CHALLENGES TO ADHERENCE TO DIETARY RESTRICTIONS IN A COHORT OF MIDDLE EASTERN HEMODIALYSIS PATIENTS; A PATIENTS’ PERSPECTIVE
Mohamed Waseer M. Buhary1, Manal Kadah2, 1KAIFHP Dialysis Center-Makkah, Nephrology, Jeddah, SAUDI ARABIA, 2KAIFHP Dialysis Center Makkah, Dialysis, National Guards Hosp, SAUDI ARABIA.
SP408
RED CELL DISTRIBUTION WIDTH AND ITS CLINICAL AND NUTRITIONAL CORRELATES IN CHRONIC KIDNEY DISEASE PATIENTS WITH STAGES 3 AND 4 DISEASE IN NIGERIA
Okwuchi E. Onyido1, Emmanuel Agaba2, Jacob O. Awobusuyi3, Adebowale Adekoya3, 1Federal Medical Centre, Internal Medicine/Nephrology, Ebute-Metta, NIGERIA, 2Jos Univ Teaching Hosp, Dept Internal Medicine, Nephrology Div, Jos, NIGERIA, 3Lagos state Univ teaching Hosp, Dept Internal Medicine, Nephrology Div, Lagos, NIGERIA.

SP409
MALNUTRITION IN CHRONIC HEMODIALYSIS PATIENTS: EFFECTS OF INTRADIALYTIC PARENTERAL NUTRITIONAL THERAPY ON SERUM ALBUMIN AND TOTAL PROTEIN, BMI AND PHASE ANGLE IN SELECTED PATIENTS
Ralf-Georg Ruge1, Stefan Reuter1, Uta Hillebrand2, 1Univ Hosp Münster, Dept Medicine D, Div General Internal Medicine, Nephrology and Rheumatology, Münster, GERMANY, 2Nephrology and Dialysis Unit Hamm and Ahlen, Div Nephropathy, Hamm and Ahlen, GERMANY.

SP410
LYCOPENE DIET SUPPLEMENTATION DECREASES OXYSTERSOLS AS IMPROVES ANEMIC STATUS DESPITE NO EFFECTS ON INFLAMMATION IN AGING WITH CKD
Francesco Carluccio1, Werner Siems2, Marcello Lenucci1, Gabriella Piro1, Jose Luho3, 1Univ Salento, Dept Biological and Environmental Sciences and Technologies, Lecce, ITALY, 2Kortex-Med Inst, Inst Physic Medicine and Rehabilitation, Bad Harzburg, GERMANY, 3Hospital General Univ Gregorio Marañon, Univ Complutense Madrid, Dept Nephrology, Madrid, SPAIN.

SP411
THE INTERCONNECTION BETWEEN RENAL FUNCTION PARAMETERS AND MARKERS OF HYPERCOAGULATION IN MEN WITH METABOLIC SYNDROME
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SP412
PHASE ANGLE AND MIS IN DIALYSIS PATIENTS
Bojan J. Knap, Rafael Ponikvar, Jadranka Buturovic-Ponikvar, Univ Clinical Centre Ljubljana, Nephrology, Ljubljana, SLOVENIA.

SP413
INFLUENCE OF HYDRATION STATUS AND FAT MASS ON BMI IN CKD PATIENTS
Guillermina Barril, Angel Nogueira, Flor Russo, Almudena Nuñez, Carmen Sanchez, Jose Antonio Sanchez Tomero, Hosp U de la Princesa, Nephrology, Madrid, SPAIN.

SP414
APPLYING THE INST MEDICINE PROPOSED METHODS TO ESTIMATE IRON AND VITAMIN C INTAKE INADEQUACY IN PATIENTS WITH CKD
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SP415
NUTRITIONAL STATUS EVALUATION AND DIETARY HABITS AMONG PATIENTS WITH CHRONIC KIDNEY DISEASE IN CONSERVATIVE TREATMENT: A LONGITUDINAL STUDY IN BRAZIL
Geraldo Bezerra da Silva Junior1, Ana Carla Sobral Novais Benes1, Viviane Sahade Sousa2, 1Uf Fortaleza, Public Health Graduate Program, Fortaleza, BRAZIL, 2Federal Univ Bahia, School Nutrition, Salvador, BRAZIL.

SP416
INTENSIVE CARE UNIT SCORING SYSTEMS AND OUTCOME OF CKD PATIENTS ADMITTED IN INTENSIVE CARE UNIT: A SINGLE CENTER STUDY
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SP417
CARNITINE SUPPLEMENTATION LEADS TO SIGNIFICANT INCREASE IN FAT TISSUE INDEX IN HEMODIALYSIS PATIENTS
Lea Katalinic1, Branimir Krtaletic2, Ivan Barisic1, Bojan Jelakovic1, Nikolica Basic Jukic1, 1UHC Zagreb, Dept Nephrology, Arterial Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 2Univ Zagreb, School Medicine, Zagreb, CROATIA.
SP418
ASSOCIATION OF ALTERED TASTE PERCEPTION WITH MINERAL AND BONE DISORDER OF ALTERED TASTE PERCEPTION WITH MINERAL AND BONE DISORDER

SP419
ESTIMATION OF THE FAT MASS PERCENTAGE FROM ANTHROPOMETRIC MEASURES IN RELATION TO BODY MASS INDEX IN PATIENTS ON HEMODIALYSIS
Mercedes Albaleajo Pérez, Susana Roca, Laura Bucalo, Diana Manzano, Marisol Ros, Maria Rosa Gea, Manuel Molina, HGU Santa Lucía, FMC Services, Nephrology, Cartagena, SPAIN.

SP420
IS THERE RELATIONSHIP BETWEEN BODY COMPOSITION AND BONE MINERAL DENSITY IN NON-DIALYSIS CKD PATIENTS?
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SP421
ESTIMATION OF BODY COMPOSITION IN HEMODIALYSIS PATIENTS BY ANTHROPOMETRY METHOD AND ELECTRICAL BIOIMPEDANCE
Mercedes Albaleajo Pérez, Susana Roca, Laura Bucalo, Diana Manzano, Marisol Ros, Maria Rosa Gea, Manuel Molina, HGU Santa Lucía, FMC Services, Nephrology, Cartagena, SPAIN.

SP422
BODY COMPOSITION IS ASSOCIATED WITH QUALITY OF LIFE AND COGNITIVE STATUS IN PATIENTS WITH CHRONIC RENAL FAILURE
Pierangela Presta, Martina Bonofiglio, Benedetta Aquino, Danilo Lo faro, Maria Giovanna Settimo, Roberta Talarico, Francesca Leone, Paolo Gigliotti, Filomena Armentano, Giuseppe Ferraro, Francesco Campisano, Renzo Bonofiglio, Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

SP423
TASTE PERCEPTION AND NUTRITIONAL STATUS IN PATIENTS WITH DIALYSIS NUTRITIONAL STATUS IN PATIENTS WITH DIALYSIS
Gabriela K. Nunez-Murillo, Roxana M. Marquez- Herrera, Alejandra Silva-Ocegueda, Claudia Ruiz, Erika F. Gómez-García, Nelly Orozco-González, Laura Cortes-Sanabria, Alfonso Cueto-Manzano, Mexican Inst Social Security, Unit Medical Research in Renal Diseases, Guadalajara, MEXICO.

SP424
THE NUTRITIONAL STATUS IN ELDERLY HEMODIALYSIS PATIENTS: A COMPARISON BETWEEN ITALY AND CHILE
Lucia Del Vecchio1, Valeria Aicardi2, Selena Longhi1, Caterina Tiscornia2, Francesca Pena2, Katherine Vargas2, Hugo Npobloete2, Giuseppe Ponoriero1, 1A. Manzoni Hosp, Nephrology and Dialysis, Lecco, ITALY, 2Centro Dialysis Cerminal V Region, Dialysis, Vina del Mar and Valparaiso, CHILE.
DIABETES - CLINICAL SCIENCE

SP425
EFFECTS OF APABETALONE (RVX-208) ON SERUM ALBUMIN IN SUBJECTS WITH CVD, DIABETES AND CHRONIC KIDNEY DISEASE; A POST-HOC ANALYSIS OF THE ASSURE AND SUSTAIN CLINICAL TRIALS
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SP426
SODIUM GLUCOSE COTRANSPORTER-2 SELECTIVE INHIBITORS (SGLT2I) FOR RETARDING DIABETIC KIDNEY DISEASE PROGRESSION: A SYSTEMATIC REVIEW AND META-ANALYSIS
Davide Bolignano1, Giuseppe Coppolino2, Anna Pisanol, 1ICNR-National Council of Research, Inst Clinical Physiology, Reggio Calabria, ITALY, 2Pugliese-Ciaccio Hosp, Nephrology and Dialysis Unit, Catanzaro, ITALY.

SP427
GLUCOSE-LOWERING DRUGS ADDED TO EXISTING THERAPIES AND RISKS OF MORTALITY AND CARDIO-VASCULAR DISEASE IN TYPE 2 DIABETES: NETWORK META-ANALYSIS OF RANDOMIZED TRIALS
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SP428
A RANDOMIZED, SINGLE-CENTER, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTIPLE-DOSE, PHASE 1 STUDY TO EVALUATE THE SAFETY, PHARMACOKINETICS (PK), AND PHARMACODYNAMICS (PD) OF TAK-272 IN HEALTHY ADULT NON-ELDERLY AND ELDERLY MALE SUBJECTS
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SP429
ANTIOXIDANT AGENTS FOR DIABETIC KIDNEY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
Agustin Carreño, Javier Lorente, Javier Nieto, Luis Piccone, Marco Douze, Mayberi Maldonado, Carmen Vozmediano, HGU de Ciudad Real, Nephrology, Ciudad Real, SPAIN.

SP430
BIOIMPEDANCE ANALYSIS OF WEIGHT LOSS ASSOCIATED WITH SODIUM GLUCOSE COTRANSPORTER 2 INHIBITORS

SP431
IS THERE A “BURNT-OUT DIABETES” PHENOMENON IN PATIENTS ON HEMODIALYSIS?

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SP432
EFFECTS OF TIGHT GLUCOSE CONTROL ON ONSET AND PROGRESSION OF KIDNEY DISEASE IN ADULTS WITH DIABETES: A META-ANALYSIS OF RANDOMIZED TRIALS
Marinella Ruospo, Valeria Saglimbeni, Suetonia C. Palmer, Salvatore De Cosmo, Antonio Pacilli, Mariacristina Vecchio, Jonathan C. Craig, Giovanni F.M. Strippoli, D1Diaverum, Medical Scientific Office, Lund, SWEDEN, 2Amedeo Avogadro Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 3Univ Otago Christchurch, Medicine, Christchurch, NEW ZEALAND, 4Scientific Inst CSS, Nephrology, San Giovanni Rotondo, ITALY, 5Danone Research, Palaiseau Cedex, FRANCE, 6Univ Sydney, School Public Health, Sydney, AUSTRALIA, 7Univ Bari, Emergency and Organ Transplantation, Bari, ITALY.

SP433
CLINICOPATHOLOGICAL FEATURES AND OUTCOMES OF DIABETIC NEPHROPATHY WITH CRESCENT FORMATION
Ayano Saito, Hajime Kaga, Masaya Saito, Ryuta Sato, Hideki Waku, Atsushi Komatsu, Akita Univ, Nephrology, Akita, JAPAN.

SP434
EXPLORING THE ACCURACY OF A CONTINUOUS GLUCOSE MONITORING DEVICE AMONG DIABETIC PATIENTS ON HEMODIALYSIS
Maria Divani, Panagiotis I. Georgiannos, Fotios Iliadis, Triantafyllos Didangelos, Areti Makedou, Vassilios Liakopoulos, Apostolos Hatzitolios, Dimitrios M. Grekas, 1AHEPA Univ Hosp, 1st Dept Pediatrics, Thessaloniki, GREECE, 2AHEPA Univ Hosp, Section Nephrology and Hypertension, 1st Dept Medicine, Thessaloniki, GREECE, 3AHEPA Univ Hosp, 2nd Dept Pediatrics, Thessaloniki, GREECE.

SP435
GLYCATED ALBUMIN IS SUPERIOR TO GLYCATED SERUM PROTEIN AND CORRECTED FOR SERUM ALBUMIN AND HEMOGLOBIN HbA1c IN DETECTING GLYCEMIC CONTROL STATUS AMONG DIABETIC PATIENTS ON HEMODIALYSIS: A CONTINUOUS GLUCOSE MONITORING STUDY
Maria Divani, Panagiotis I. Georgiannos, Fotios Iliadis, Triantafyllos Didangelos, Areti Makedou, Vassilios Liakopoulos, Apostolos Hatzitolios, Dimitrios M. Grekas, 1AHEPA Univ Hosp, 1st Dept Pediatrics, Thessaloniki, GREECE, 2AHEPA Univ Hosp, Section Nephrology and Hypertension, 1st Dept Medicine, Thessaloniki, GREECE, 3AHEPA Univ Hosp, 2nd Dept Pediatrics, Thessaloniki, GREECE.

SP436
PATHOLOGICAL DIAGNOSIS IN DIABETIC PATIENTS WITH KIDNEY DISEASE: SPANISH MULTICENTER STUDY
Sheila Bermejo, Ester Gonzalez, Ramona Ionela Stanescu, Meritxell Ibernó, Diana Lopez, Adoración Martín-Gómez, Rosa García, Tania Linares, Eduardo Hernández, María Isabel Martínez, Irene Agraz, José Pelayo, Katja López, Nuria García, Julio Pascual, Manuel Praga, Xavier Fullaldosar, María Jesús Soler, 1Hosp del Mar, Nephrology, Barcelona, SPAIN, 2Hosp 12 de Octubre, Nephrology, Madrid, SPAIN, 3Hosp Univ Fundación Alcorcón, Nephrology, Madrid, SPAIN, 4Hosp Vall Hebron, Nephrology, Barcelona, SPAIN, 5Clinica Univ Navarra, Nephrology, Pamplona, SPAIN, 6Hosp de Poniente, Nephrology, Almería, SPAIN, 7Hosp de Palamós, Nephrology, Girona, SPAIN, 8Hosp Univ Gregorio Marañón, Nephrology, Madrid, SPAIN, 9Hosp de Bellvitge, Nephrology, Hospital de Bellvitge, SPAIN.

SP437
L-ARGININE IMPROVES OXIDATIVE STRESS AND REDUCES ALBUMINURIA IN PATIENTS WITH DIABETIC KIDNEY DISEASE
Liliya Martynyuk, Ludmyla Vons, Oksana Ruzhynska, I. Ya. Horbachevsky Ternopil State Medical Univ, Dept Internal Medicine №3, Ternopil, UKRAINE.

SP438
DECREASING SPEED OF KIDNEY FUNCTION IN PATIENTS WITH BIOSPY-PROVEN DIABETIC NEPHROPATHY
Kengo Furuiuchi, Yukio Yuzawa, Yoshifumi Ubara, Miho Shimizu, Tadashi Toyama, Yasunori Iwata, Norihiko Sakai, Takashi Wada, 1Kanazawa Univ Hosp, Div Nephrology, Kanazawa, JAPAN, 2Fujita Health Univ Hosp, Dept Nephrology, Kanazawa, JAPAN.

SP439
PARTICULAR PROFILES OF URINARY MICRO-RNAs MAY EXPLAIN PODOCYTE INJURY AND PROXIMAL TUBULE DYSFUNCTION IN NORMAL-BLUMINURIC PATIENTS WITH TYPE 2 DIABETES MELLITUS
SP440
UNARY EXCRETION OF NEPHRIN, PODOCIN AND MENDIN AS EARLY MARKERS OF DIABETIC NEPHROPATHY (DN)
Anna Schukina, Irina Bobkova, Natalia Chebotareva, Marina Shestakova, Elena Kamyshova, I.M. Sechenov First Moscow State Medical Univ, Nephrology, Moscow, RUSSIAN FEDERATION.

SP441
VALIDATION OF A DIFFERENTIAL DIAGNOSTIC MODEL OF DIABETIC KIDNEY DISEASE AND NON-DIABETIC KIDNEY DISEASE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
Hui Zhuan Tan1, Jia Liang Kwek1, Stephanie M. Fook-Chong2, Choong Meng Chari1, Jason Chun Jun Choo1, Singapore General Hosp, Renal Medicine, Singapore, SINGAPORE, 2Singapore General Hosp, Dept Clinical Research, Singapore, SINGAPORE.

SP442
THE RNA OXIDATION PRODUCT 8-OXO-GSN WARNS OF THE OCCURRENCE OF DIABETIC NEPHROPATHY
Lengnan Xu, Yonghui Mao, Beijing Hosp, Nephrology, Beijing, CHINA.

SP443
ASSOCIATION OF FIBROBLAST GROWTH FACTOR 23 WITH INFLAMMATORY AND FIBROTIC MARKERS IN PATIENTS WITH DIABETIC NEPHROPATHY
Ivan Topchii, Yulia Yakimenko, Polina Semenovskykh, Valentina Galchiskaya, SI Inst Therapy named after L.T. Malaya of NAMS of Ukraine, nephrology Dept, Kharkiv, UKRAINE.

SP444
EFFECTS OF RENIN-ANGIOTENSIN SYSTEM INHIBITORS ON THE RENAL PROGNOSIS OF PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE RELATED TO DIABETIC NEPHROPATHY
Takayuki Fujii, Satoshi Suzuki, Noriko Terasaki, Kayoko Kiso, Nobuaki Yamauchi, Junya Koshizaka, Mayu Morimoto, Mizuki Shinozaki, Kaiji Saito, Hiroaki Tanaka, Seirei Sakura Citizen Hosp, Kidney Center, Sakura City, JAPAN.

SP445
INCREASED OXIDATIVE STRESS IN DIABETIC NEPHROPATHY AND RELATIONSHIP TO SOLUBLE KLOTHO LEVELS
Ayca Inci1, Funda Sarı2, Metin Sankaya1, Ustun Yılmaz1, Melahat Coban1, Semih Gull1, Olgun Akın1, Yasin Şahintürk1, Necat Yılmaz3, 1Antalya Training and Research Hosp, Nephrology, Antalya, TURKEY, 2Akdeniz Univ Fac Medicine, Nephrology, Antalya, TURKEY, 3Antalya Training and Research Hosp, Biochemistry, Antalya, TURKEY.

SP446
HYDROCHLOROTHIAZIDE OR SPIRONOLACTON IN DIABETIC NEPHROPATHY
Hamid Noshad, Taher Manzari, Tabriz Univ Medical Sciences, Nephrology, Tabriz, IRAN.

SP447
A DIPEPTIDYL PEPTIDASE-4 INHIBITOR, TENERIGILIN DECREASES PLASMA TRIGLYCERIDE-RICH LIPOPROTEIN REMNANTS IN DIABETIC PATIENTS WITH CHRONIC KIDNEY DISEASE UNDERGOING HEMODIALYSIS
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SP448
DETERMINANTS OF GLOMERULAR FILTERATION RATE DECLINE IN TYPE 2 DIABETES
Sofia Correia, Filipa Silva, Joana Tavares, Jorge Malheiro, Josefina Santos, António Cabrita, Centro Hosp Porto, Nephrology Dept, Porto, PORTUGAL.

SP449
GLYCATED ALBUMIN DOSAGE IN DIABETIC DIALYSIS PATIENTS: A MORE APPROPRIATE MARKER OF GLYCEMIC CONTROL IN CHRONIC KIDNEY DISEASE ALBUMIN DOSAGE IN DIABETIC DIALYSIS PATIENTS: A MORE APPROPRIATE MARKER OF GLYCEMIC CONTROL IN CHRONIC KIDNEY DISEASE
Francesca Paderi, Valentina Corradi, Gregorio Romero Gonzalez, Fiorenza Ferrari, Anna Lorenzin, Massimo de Cal, Claudio Ronco, IRRIV, Nephrology, Vicenza, ITALY.

SP450
METFORMINE AND SEVERE LACTIC ACIDOSIS
Consolacion Rosado Rubio, Jesús Martín Centellas, Maria Rosario Manzanedo Bueno, Carmen Felipe Fernández, David Menéndez Gonzalez, Dolores Barreda Grande, Jesús Martín García, Complejo Asistencial Avila, Nephrology, Ávila, SPAIN.
SP451
POST TRANSPLANT DIABETES MELLITUS IN KUWAIT
Tarek S. H. Mahmoud, Jude Yagan, Osama Gheit, Yahya Makkeyah, Ahmad Fathi, Medhat Abdel Halim, Prasad Nair, Torki AlOtaibi, Hamed Al-Essa Organ Transplant Center, Nephrology, Sabah Medical Zone, KUWAIT.

SP452
PERIPHERAL DIABETIC NEUROPATHY IN PATIENTS ON CHRONIC HEMODIALYSIS
Lamia Rais1, Mouhaned Hassen1, Amina Gargouri2, Hela Jbali1, Rania Khedher1, Wided Smaoui1, Madiha Krid1, Ikram Mamil1, Soumaya Beji1, Lilia Ben Fatma1, Riadh Gouider2, Karim Zouaghi1, Ila Rabta Hosp, Dept Nephrology, Dialysis and Transplantation, Tunis, TUNISIA, 2Razi Hosp, Dept Neurology, Tunis, TUNISIA.

SP453
ANKLE-BRACHIAL INDEX IS ASSOCIATED WITH RENAL IMPAIRMENT IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS
Elena Troitskaya, Ekaterina Starostina, Zhanna Kobalava, RUFDN Univ, Propaedeutics internal diseases, Moscow, RUSSIAN FEDERATION.

SP454
NON-DIABETIC RENAL DISEASE IN TYPE 2 DIABETIC PATIENTS: PREVALENCE, CLINICAL PREDICTORS AND OUTCOMES
Siyar Erdogmus, Zeynep Kendi Celebi, Serkan Akturk, Gizem Kumru, Sim Kutlay, Sule Sengul, Gokhan Nergizoglu, Sehsuvar Erturk, Kenan Ates, Neval Duman, Kenan Keven, Ankara Univ School Medicine, Nephrology, Ankara, TURKEY.

SP455
ASSOCIATION OF DIABETIC NEPHROPATHY WITH COMPONENTS OF METABOLIC SYNDROME: EXPERIENCE FROM A DEVELOPING COUNTRY
Palash Mitra1, Muhammad A. Rahim1, Tasrina S. Samdani2, Wasim M. M. Haque1, Sarwar Iqbal1, Mohammad A. Mansur1,3, 1BIRDEM General Hosp, Nephrology and Dialysis, Dhaka, BANGLADESH, 2Delta Medical College and Hosp, Internal Medicine, Dhaka, BANGLADESH, 3Bangladesh Diabetic Association (BADAS), Transplant Unit, Dhaka, BANGLADESH.

SP456
EFFICACY AND SAFETY OF LIRAGLUTIDE IN OVERWEIGHT DIABETIC PATIENTS WITH STAGE 3 NEPHROPATHY
Beatriz Aviles1, Dolores Garcia de Lucas2, Julian Olalla2, Juan Payan1, M. Dolores Martin Escalante2, 1Hosp Costa del Sol, Nephrology, Marbella (Malaga), SPAIN, 2Hosp Costa del Sol, Internal Medicine, Marbella (Malaga), SPAIN.

SP457
SERUM HEPcidin-25 LEVEL; IS IT RELATED TO CARDIOVASCULAR MORTALITY IN HEMODIALYSIS PATIENTS?
Ozlem Yayar, Baris Eser, Ebru Gok Oguz, Ozgur Merhametsiz, Guner Karaveli Gursoy, Gokhan Ataligan, Basol Canbakan, Deniz Ayli, Diskapi Yildirim Beyazid Research and Training Hosp, Nephrology Dept, Ankara, TURKEY.

SP458
INFLUENCE OF ERYTHROPOIESIS-STIMULATING AGENTS ON HBA1C AND FRUCTOSAMINE IN PATIENTS WITH HAEMODIALYSIS
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SP459
THE EFFICACY OF TREATMENT WITH GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONISTS IN CHRONIC DIALYSIS PATIENTS WITH DIABETES MELLITUS
Kazuhito Takeda1, Jiro Toyonaga2, Ryan Duvnjak1, 1Aso-lizuka Hosp, Kidney Center and Nephrology, Iizuka City, JAPAN, 2lizuka Memorial Hosp, Internal Medicine, Iizuka City, JAPAN.

SP460
HIGH PREVALENCE OF RETINOPATHY IN PATIENTS WITH TYPE 2 DIABETES AND NORMAL RENAL FUNCTION
Tomislav Bulum1, Ingrid Prkacin2, Lea Duvnjak1, 1Univ Hosp Merkur, Vuk Vrhovac Clinic Diabetes, Endocrinology and Metabolic Diseases, Zagreb, CROATIA, 2Merkur Univ Hosp, Dept Internal Medicine, Zagreb, CROATIA.
DIALYSIS - TECHNIQUES & ADEQUACY I

**SP461**
EFFECTS OF TRANSCUTANEOUS ELECTRICAL MUSCLE STIMULATION ON INTRADIALYTIC HYPOTENSION AND HEMODIALYSIS EFFICIENCY IN HD PATIENTS WITH SEVERE DISABILITY
Konstantin Vishnevskii1,2, Alexander Zemchenkov2,3, Alexey Smirnov2, 1St.-Petersburg State Healthcare Institution City Hosp № 15, Dialysis Dept, St.-Petersburg, RUSSIAN FEDERATION, 2First Pavlov State Medical Univ, Propedeutics internal diseases chair, St.-Petersburg, RUSSIAN FEDERATION, 3St.-Petersburg State Healthcare Institution City Mariinsky Hosp, City Nephrology center, St.-Petersburg, RUSSIAN FEDERATION.

**SP462**
MIXED HAEMODIAFILTRATION. LONG-TERM EFFECTS ON EFFICIENCY AND SURVIVAL. A COHORT STUDY
Luciano A. Pedrini, on Behalf of the Study Group on Haemodiafiltration-Nephrocare, ITALY, NephroCare, Nephrology and Dialysis, Seriate, ITALY.

**SP463**
DOES SUBSTITUTION VOLUME INFLUENCE METABOLIC PROFILE OR BODY COMPOSITION IN DIABETIC PATIENTS ON ONLINE HEMODIAFILTRATION?
Nicolás Macías Carmona, Almudena Vega, Soraya Abad, Tania Linares, Ana María García Prieto, Inés Aragoncillo, Ursula Verdalles, Alba Santos, Jose Luño, Juan M López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

**SP464**
INITIATING HAEMODIALYSIS TWICE WEEKLY MAY PROTECT NATIVE KIDNEY FUNCTION
Raja Mohammed Kaja Kamal, Humza Chanda, Laura Mawer, Enric Vilar, Ken Farrington, Lister Hosp, East & North Hertfordshire NHS Trust, Renal Unit, Stevenage, UK.

**SP465**
The new model of the glucose disturbances in patients on haemodialysis based on the continuous glucose monitoring system
Wojciech Klimm, Bozena Pietrzak, Jerzy Smoszna, Stanislaw Niemczyk, Military Inst Medicine, Dept Internal Diseases, Nephrology and Dialysis, Warsaw, POLAND.

**SP466**
EFFICIENCY OF A DIALYSATE REDUCTION SYSTEM IN WHICH HYDROGEN GAS IS DISSOLVED IN AN ACID CONCENTRATE
Shigeru Otsubo1,2, Takeshi Shibata3, Kosaku Nitta4,1Sangenjaya Hosp, Blood Purification, Tokyo, JAPAN, 2Tohto Sangenjaya Clinic, Dept Blood Purification, Tokyo, JAPAN, 3Tohto Sangenjaya Clinic, Dept Clinical Engineering, Tokyo, JAPAN, 4Tokyo Women’s Medical Univ, Dept Medicine, Kidney Center, Tokyo, JAPAN.

**SP467**
PREDICTIVE VALUE OF BLOOD OXYGEN SATURATION VARIABILITY FOR INTRADIALYTIC HYPOTENSION
Vincent Delattre, Rafik Mesbah, Maite Daroux, Alexandre Botte, Alexia Delpierre, Milad Shenouda, Stéphane Billion, Pierre Bataille, Duchenne Hosp, Nephrology and Dialysis, Boulogne sur Mer, FRANCE.

**SP468**
REQUIREMENTS AND PITFALLS OF DIALYZER SIEVING COEFFICIENTS COMPARISONS
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**SP469**
INCIDENCE OF METABOLIC AND ELECTROLYTE DISTURBANCES CAUSED BY DECREASED OF FILTER CLEARANCE DURING REGIONAL CITRATE ANTICOAGULATED CONTINUOUS RENAL REPLACEMENT THERAPY
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**SP470**
INTRADIALYSE PRESSURES: LIMITS, MEASUREMENT PITFALLS AND INFLUENCE OF SURFACE AREA
Alain Ficheux1, Nathalie Gayraud1, Ilan Szwarc2, Flore Duranton1, Fernando Vetromile2, Philippe Brunet3, Joachim Jankowski4, Marie-Françoise Serval2, Peter G. Kerr5, Angel Argielis1,1R&D-Nephrology, Montpellier, FRANCE, 2NDSG, Sete, FRANCE, 3Univ Aix-Marseille, Hôp la Conception, Marseille, FRANCE, 4RWHU Aachen Univ, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 5Monash Univ, Nephrology Dept, Clayton, AUSTRALIA.

**SP471**
BODY WATER CONDITIONS THE EFFICACY OF CONVECTIVE TRANSPORT IN HIGH-FLUX HEMODIALYSIS
Nicolás Macías Carmona, Almudena Vega, Soraya Abad, Ana María García Prieto, Tania Linares, Inés Aragoncillo, Jose Luño, Juan M López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.
SP472
Efficacy and safety of vitamin E-bonded polysulfone dialyzer on non-anticoagulant hemodialysis
Kenichiro Kojima, Keisuke Hashimoto, Nobuhiro Fujiwara, Dai Oono, Hitonori Nosaka, Ageo Central General Hosp, Nephrology, Ageo, JAPAN.

SP473
The demographic and cardiovascular phenotype of extended and conventional haemodialysis patients
Nicos Mitsides1, Tom Cornelis2, Natascha J. Broers3, Nanda M. Diederen3, Casper G. Schalkwijk3, Jeroen P. Kooman3, Sandip Mitra1, 1Central Manchester Univ Hosp NHS Foundation Trust, Manchester Academic Health Science Centre, Nephrology Dept, Manchester, UK, 2Jessa Hosp, Nephrology, Hasselt, BELGIUM, 3Maastricht Univ Medical Centre, Dept Internal Medicine, Maastricht, NETHERLANDS.

SP474
Of information technology for real-time treatment monitoring within a hemodialysis unit: What is the actual delivered dose?
Leyre Martín Rodríguez, Dario Janeiro, Jose María Portoles, Hosp Univ Puerta de Hierro, Nephrology, Majadahonda, SPAIN.

SP475
Clinical benefits of pre-dilution on-line hemodiafiltration as compared to hemodialysis with a super-high-flux dialyzer
Kenji Sakurai1, Takeshi Saito1, Hiromi Hosoya1, Yoshitaka Kurihara1, Fumi Yamauchi1, Ayumi Suzuki1, Nahoko Sasaki1, Sayuri Oh1, Kaori Kurosawa1, Akhiro Yamashita2, 1Hashimoto Clinic, Dialysis center, Sagamihara Kanagawa, JAPAN, 2Hosei Univ, Chemical Science and Technology, Koganei Tokyo, JAPAN.

SP476
Body composition determines the elimination of high molecular weight and protein-bound toxins in online hemodiafiltration
Nicolás Macías Carmona, Soraya Abad, Almudena Vega, Tania Linares, Ana María García Prieto, Inés Aragoncillo, Alba Santos, Jose Luño, Juan M López Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

SP477
Tin-cat study: conversion of unfractionned heparin to tinzaparin in hemodialysis and its impact on alteplase (Cathflo) utilization
Michel Korkemaz1,2, Robert Bell3,4, Michel Valleé4, Naoual Elftouh4, Pierre Cartier5, Alexandra Renald5, Gisele Guenette5, Marie-Christine Simard-Melleur5, 1Laval Univ, Pharmacy, Quebec, QC, CANADA, 2CISSS Laurentides, Pharmacy, Saint-Jerome, QC, CANADA, 3CISSS Laurentides, Pharmacy, Montreal, QC, CANADA, 4Maisonneuve-Rosemont Hosp Research Center, Nephrology, Montreal, QC, CANADA, 5CISSS Laurentides, Nephrology, Saint-Jerome, QC, CANADA.

SP478
Refilling coefficient kR in hemodialysis and its relationship to hydraulic permeability of blood capillaries: checking the Starling forces
Mauro Pietribiasi, Jacek Waniewski, IBIB PAN, Dept Mathematical Modeling Physiological Processes, Warsaw, POLAND.

SP479
Determination of hemodialysis access recirculation from ionic dialysance: theory and validation
Alayoud Ahmed, Service Dialysis, Military Hosp Agadir, Agadir, MOROCCO.

SP480
Analysis of post-dilution online hemodiafiltration efficacy using Autosub Plus system with elevated blood flows
SP481
DALTEPARIN SODIUM FOR THE PREVENTION OF CLOTTING IN THE EXTRACORPOREAL CIRCUIT DURING HEMODIALYSIS: A PHASE IIIIB OPEN-LABEL STUDY TO OPTIMIZE A SINGLE BOLUS DOSE—THE PARROT STUDY
Steven D. Soroka1, Mohsen Agharazii2, Sandra Donnelly3, Louise Roy4, Norman Muirhead5, Serge Cournoyer6, Martin MacKinnon7, Neesh Pannu8, Brendan Barrett9, François Madore10, Jo-Anne Wilson11, Fiona Hilton12, Nancy Sherman13, Kevin Wolter13, John Orazem14, Guillaume Feugère15, 1Dalhousie Univ, Div Nephrology, Halifax, NS, CANADA, 2CHU Québec Research Center, Endocrinology and Nephrology, Québec City, QC, CANADA, 3William Osler Health System, Div Nephrology, Brampton, ON, CANADA, 4Univ Montréal, Dept Medicine, Montréal, QC, CANADA, 5London Health Sciences Centre, Medicine, London, ON, CANADA, 6Hôp Charles LeMoyne, Néphrologue, Greenfield Park, QC, CANADA, 7Horizon Health, Div Nephrology, Saint John, NB, CANADA, 8Univ Alberta, Nephrology, Edmonton, AB, CANADA, 9Memorial Univ Newfoundland, Div Nephrology, St. John’s, NL, CANADA, 10Hôp Sacré-Cœur Montréal, Fac Médecine, Montréal, QC, CANADA, 11Dalhousie Univ, College Pharmacy, Halifax, NS, CANADA, 12Pfizer Inc, Clinical Statistics, Pfizer Essential Health, New London, CT, 13Pfizer Inc, Pfizer Essential Health, New York, NY, 14Pfizer Inc, Clinical Statistics, Pfizer Essential Health, New York, NY, 15Pfizer Canada, Pfizer Essential Health, Kirkland, QC, CANADA.

SP482
ARE ALL POLYSULFONE–BASED DIALYZERS EQUALLY EFFICIENT IN REMOVING HIGH MOLECULAR WEIGHT UREMIC TOXINS?

SP483
THREE DIFFERENT APERETIC TECHNIQUES FOR TREATMENT OF HYPERBILIRUBINEMIA
Davide Viggiano1, Emanuela De Pascale2, Gaia Marinelli2, Giovambattista Capasso3, Corrado Pluvio2, 1Univ Campania Luigi Vanvitelli and Univ Molise, Dept Cardiothoracic sciences, Div Nephrology, Naples, ITALY, 2AORN dei Colli, D. Cotugno Hosp, Dept Dialysis with hepatic-infective complications, Naples, ITALY, 3Univ Campania Luigi Vanvitelli, Dept Cardiothoracic sciences, Div Nephrology, Naples, ITALY.

SP484
CONTINUOUS RENAL REPLACEMENT THERAPY WITH REGIONAL CITRATE ANTICOAGULATION IN NEWBORNS AND SMALL CHILDREN
Jakob Guibensek1, Bojan Medved1, Vanja Persic1, Barbara Vajdic1, Vladimir Premru1, Jadranka Buturovic-Ponikvar1, Maja Pavcnik2, Ivan Vidmar2, Rafael Ponikvar1, 1Univ Medical Center Ljubljana, Dept Nephrology, Ljubljana, 2Univ Medical Center Ljubljana, Dept Paediatric Surgery and Intensive Care, Ljubljana, SLOVENIA.

SP485
ACCURACY AND PRECISION OF SEGMENTAL BIOIMPEDANCE TECHNIQUE TO ASSESS PERIDIALYTIC CHANGES IN TOTAL BODY WATER
Alice Topping1, Jochen G. Raimann1, Fansan Zhu1, Paul Balter2, Marilou Mateo2, Stephan ThijsSEN1, Peter Kotanko1,3, 1Renal Research Inst, Research, New York, NY, 2Renal Research Inst, Clinical Operations, New York, NY, 3Icahn School Medicine Mount Sinai, Nephrology, New York, NY.

SP486
KINETIC ASSESSMENT OF DIFFERENT HYPOTHESES ON FACTORS RESPONSIBLE FOR CHANGES IN PHOSPHATE CONCENTRATION IN PLASMA DURING HEMODIALYSIS
Jacek Waniekwski, Malgorzata Debowska, Nalecz Inst Biocybernetics and Biomedical Engineering, Dept Mathematical Modelling of Physiological Systems, Warszawa, POLAND.

SP487
ACCESS BLOOD FLOW ESTIMATION
Franklin G. Mora-Bravo1, Sonia Rivera2, Pamela Morales3, 1Hosp, Trasplante renal, Cuenca, ECUADOR, 2Hosp Jose Carrasco Arteaga, Nephrology, Cuenca, ECUADOR, 3Univ Cuenca, Dept Investigación Univ Cuenca, Cuenca, ECUADOR.

SP488
RETENTION OF DIFFERENT TYPES OF PYROGENS BY MEMBRANES OF DIFFERENT PORE SIZE
Michael Hulko1, Rose Speidel1, Verena Dietrich1, Michael Gebert1, Werner Beck2, Bernd Krausel, 1Baxter International Inc., R&D, Hechingen, GERMANY, 2Baxter International Inc., MA, Hechingen, GERMANY.

SP489
EFFECT OF NOCTURNAL HEMODIALYSIS ON SLEEP APNEA: A META-ANALYSIS
Lingzhi Li, Xi Tang, Ping Fu, West China Hosp Medicine, Sichuan Univ, Nephrology, Chengdu, CHINA.
Posters

SP490
COMPARASION OF LOW AND HIGH FLUX HEMODIALYSIS COMBINED WITH HEMOPERFUSION IN ESRD PATIENTS
Shupeng Lin, Xuefeng Sun, Xia Cai, Zhifang Ma, Yan Zhang, Li Zhang, Dong Zhang, Xiangmei Chen, Chinese PLA General Hosp, Dept Nephrology, Beijing, CHINA.

SP491
DIFFERENCES IN BISPHENOL A (BPA) SERUM LEVELS IN ONLINE HEMODIAFILTRATION HEMODIALYSIS (HDF) PATIENTS WITH TWO DIFFERENT MEMBRANES
Enrique Bosch-Panadero1, Sebastian Mas Fontao1, Didier Sanchez-Espinosa1, Vanesa Camarero2, Maria Vanessa Perez Gomez1, Alberto Ruiz Priego1, Pedro Abaigar2, Alberto Ortiz1, Jesus Egido1, Emilio Gonzalez Parral, 1Fundacion Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Hosp Univ Burgos, Nephrology, Burgos, SPAIN.
SP492
METABOLIC EFFECTS OF GLUCOSE BASED PERITONEAL DIALYSIS SOLUTIONS IN A RAT MODEL OF CKD
Charlotte Brunelle1, Christophe Soulage2, Futsim Guebre-Egziabher3, 1Univ Hosp Edouard Herriot, Nephrology, Lyon, FRANCE, 2Lab CarMen INSERM 1060, INSA Lyon, Lyon, FRANCE, 3Univ Hosp Grenoble Alpes, Nephrology, Hemodialysis, Apherasesis and Transplantation, La Tronche, FRANCE.

SP493
EARLY PERITONITIS AND ITS OUTCOME IN INCIDENT PERITONEAL DIALYSIS PATIENTS
Emily See1, David Johnson1, Carmel Hawley1, Elaine Pascoe2, Darcy Darssan2, Philip Clayton3, Monique Borlace3, Sunil Badve4, Kamal Sud5, Neil Boudville6, Yeounghee Cho1, 1Princess Alexandra Hosp, Nephrology, Brisbane, AUSTRALIA, 2Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 3Royal Adelaide Hosp, Central Northern Adelaide Renal and Transplantation Service, Adelaide, AUSTRALIA, 4St George Hosp, Nephrology, Sydney, AUSTRALIA, 5Nepean and Westmead Hosp, Nephrology, Sydney, AUSTRALIA, 6Univ Western Australia, School Medicine, Perth, AUSTRALIA.

SP494
TRANSCRIPTOME ALTERATIONS DURING PERITONEAL DIALYSIS TREATMENT
Alena Parikova1, Petra Hruba2, Zdenek Krejcik3, Viktor Stranecky4, Petra Lavrikova5, Janka Franekova5, Raymond T. Krediet6, Ondrej Viklicky1, 1Inst Clinical and Experimental Medicine, Dept Nephrology, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Transplant Lab, Prague, CZECH REPUBLIC, 3Inst Haematology and Blood Transfusion, Dpt. of genomic, Prague, CZECH REPUBLIC, 4Inst Inherited Metabolic Disorders, Dept bioinformatics and biostatistics, Prague, CZECH REPUBLIC, 5Inst Clinical and Experimental Medicine, Dept Lab Methods, Prague, CZECH REPUBLIC, 6Academic Medical Center Univ Amsterdam, Dept Nephrology, Amsterdam, NETHERLANDS.

SP495
DO STREAMING POTENTIALS AFFECT TRANSPORT ACROSS THE PERITONEAL MEMBRANE?
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SP496
DOES WHEY PROTEIN SUPPLEMENTATION AFFECT SYSTEMIC INFLAMMATION IN HYPOALBUMINEMIC PERITONEAL DIALYSIS PATIENTS?
Kamal Hassan1,2, Zaher Armaly3, Dunia Hassan4, Majd Khayr5, Irina Rubinchik2, Khalid Khazim6, Rabia Edge2, Nihal Khatib7, Fadi Hassan8, 1Bar-Ilan Univ, Fac Medicine Galilee, Safed, ISRAEL, 2Galilee Medical Center, Dept Nephrology and Hypertension, Nahariya, ISRAEL, 3Keele Univ, Dept Nephrology, Stoke-on-Trent, UK, 4Galilee Medical Center, 2Dept Nephrology and Hypertension, Peritoneal Dialysis Unit, Nahariya, ISRAEL, 5Chulalongkorn Univ, Dept Internal Medicine, Bangkok, THAILAND, 6Keele Univ, Dept Nephrology, Stoke-on-Trent, UK.

SP497
PREDICTIVE VALUE OF DIFFERENT BLOOD PRESSURE MEASUREMENTS IN RELATION TO LEFT VENTRICULAR HYPERTROPHY IN PERITONEAL DIALYSIS PATIENTS
Chungsik Lee1, Su Mi Lee2, Sung Soo Kim1, Jiwon Rhu1, Yun Jung Oh1, 1Cheju Halla General Hosp, Internal Medicine, Jeju, SOUTH KOREA, 2Dong-A Univ Hosp, Internal Medicine, Busan, SOUTH KOREA.

SP498
INTERNATIONAL VARIABILITY IN THE PREVALENCE OF HYPOKALEMIA AMONG PATIENTS ON PERITONEAL DIALYSIS (PD): RESULTS FROM THE PDOPPS
Francesca Tentori1, Junhui Zhao1, Brian Bieber1, Talergsak Kanjanabuch2, Hideki Kawanishi3, Jeffrey Perl4, Bruce Robinson1, James Sloand5, Kriang Tungsanga6, Andreas Vychytil7, Simon Davies8, On behalf of the PDOPPS dialysis prescription andfluid management working group, 1Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Chulalongkorn Univ, Dept Nephrology, Bangkok, THAILAND, 3Chulalongkorn Hosp, Dept Artificial Organs and Surgery, Hiroshima, JAPAN, 4Univ Toronto, Fac Medicine, Toronto, ON, CANADA, 5Baxter Healthcare Corporation, Renal Div, Deerfield, IL, 6Chulalongkorn Univ, Dept Internal Medicine, Bangkok, THAILAND, 7Medical Univ Vienna, Dept Medicine II, 8Keele Univ, Dept Nephrology and Dialysis, Vienna, AUSTRIA, 9Kelee Univ, Dept Nephrology, Stoke-on-Trent, UK.

SP499
GSK3B INHIBITION MEDIATED CYTOPROTECTION OF MESOTHELIAL CELLS DURING PERITONEAL DIALYSIS
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SP500
BIOIMPEDANCE SPECTROSCOPY BEFORE AND AFTER ASCITES PUNCTURE IN PATIENTS WITHOUT RENAL REPLACEMENT THERAPY: POTENTIAL IMPLICATIONS FOR USE OF THE BODY COMPOSITION MONITOR IN PERITONEAL DIALYSIS PATIENTS?
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SP501
EARLY CATHETER REMOVAL IMPROVES PATIENT SURVIVAL IN PERITONEAL DIALYSIS PATIENTS WITH Fungal PERITONITIS
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SP502
PERITONEAL DIALYSIS ANNUAL DROP OUT MONITORING INCREASES PATIENT AND TECHNIQUE SURVIVAL
Belén Marron1, Delia Timotei2, Michael Roesch3, Janusz Ostrowski4, Marietta Torok5, Andreas Dillman6, Pawel Kochman4, Attila Orosz7, Gustavo Moretta8, Daniel Perez9, Luis Castillo10, Paul Stroumza11, Elisabeth Fabricius12, Alexandra Munier11, Jorgen Hegbrant11, 1Diaverum Renal Services, Home Therapies, Madrid, SPAIN, 2Diaverum Renal Services, Sema Clinic, Bucharest, ROMANIA, 3Diaverum Renal Services, Schrankeye Clinic, Hamburg, GERMANY, 4Diaverum Renal Services, Wloclawek Clinic, Wloclawek, POLAND, 5Diaverum Renal Services, Rokus Clinic, Budapest, HUNGARY, 6Diaverum Renal Services, Alter Teichweg Clinic, Hamburg, GERMANY, 7Diaverum Renal Services, Bajcsy Clinic, Budapest, HUNGARY, 8Diaverum Renal Services, LA Medical Office, Buenos Aires, ARGENTINA, 9Diaverum Renal Services, SEINE Clinic, Montevideo, URUGUAY, 10Diaverum Renal Services, Temuco Clinic, Temuco, CHILE, 11Diaverum Renal Services, Marseille Clinic, Marseille, FRANCE, 12Diaverum Renal Services, Visby Clinic, Visby, SWEDEN, 13Diaverum Renal Services, Diaverum Medical Office, Lund, SWEDEN.

SP503
INTERNATIONAL VARIATION IN PERITONEAL DIALYSIS (PD) CATHETER PRACTICES: PRELIMINARY RESULTS FROM THE PERITONEAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (PDOPPS)
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SP504
CHANGES IN FLUID TRANSPORT COMPONENTS DURING PROLONGED 8-HOUR PERITONEAL DIALYSIS DWELL WITH DIFFERENT GLUCOSE CONCENTRATIONS IN DIALYSIS FLUID
Joanna Stachowska-Pietka1, Jan Polewczuk1, Joseph Teixeido-Planas2, Maria I. Troya-Saborido2,3, Josep Bonet-Sol2,3, Jaek Waniekswilk1, Nathiez Inst Biocybernetics and Biomedical Engineering PAS, Dept Mathematical Modelling Physiological Processes, Warsaw, POLAND, 2Univ Hosp, Germans Trias i Pujol, Nephrology Dept, Barcelona, SPAIN, 3Fundacion Inst Investigacio Ciencies Salut, Barcelona, SPAIN, 4REMAR Group, Health Science Research Inst Germans Trias i Pujol, Can Ruti Campus, Badalona, SPAIN.

SP505
LONGITUDINAL INCREASING OF SMALL-MOLECULE SOLUTE TRANSPORT RATE IS ASSOCIATED WITH MORTALITY AND TECHNIQUE FAILURE IN PERITONEAL DIALYSIS PATIENTS
Tao Lin, Inst Nephrology, School Medicine, Shanghai Jiao Tong Univ; Dept Nephrology, Ruijin Hosp, Shanghai, CHINA.

SP506
ULTAFILTRATION IN PERITONEAL DIALYSIS: INFLUENCE OF FACTORS NOT RELATED TO OSMOTIC GRADIENT
Vicente Perez-Diaz1, Alfonso Perez-Escudero2, Sandra Sanz-Ballesteros1, Esther Hernandez-Garcia3, Luisa Sanchez-Garcia4, Victoria Oviedo3, Alicia Sobrino1, Hosp Clinico Univ Valladolid, Nephrology, Valladolid, SPAIN, 2Massachusetts Inst Technology, Physics, Cambridge, MA, 3Hosp Rio Carrión, Nefrologia, Palencia, SPAIN, 4Hosp Rio Hortega, Nefrologia, Valladolid, SPAIN.
SP507
IS SOLUBLE ALPHA-KLOTHO A NOVEL SENSITIVE MARKER OF PROGNOSIS FOR PATIENTS ON MAINTENANCE PERITONEAL DIALYSIS?
Krzysztof Hoppe1, Anna Szalek1, Krzysztof Schwermer1, Katarzyna Kryszan1, Anna Kawka1, Marta Olszewska1, Ewa Baum2, Krzysztof Pawlacyzk1, Andrzej Oko1, 1Poznan Univ Medical Sciences, Nephrology, Transplantology and Internal Medicine, Poznan, POLAND, 2Poznan Univ Medical Sciences, Social Science, Poznan, POLAND.

SP508
IMPACT OF REMOTE PATIENT MANAGEMENT IN HOSP CONDUCTING APD: SHIFTING THE NURSING CARE PARADIGM
Catherine Firanek1, Mary Knowles2, James Sloand1, 1Baxter Healthcare, Global Medical Affairs, Deerfield, IL, 2Loyalty Chain Ltd, Repton, UK.

SP509
HYPOMAGNESEMIA IN PERITONEAL DIALYSIS - PREVALENCE, CLINICAL ASSOCIATIONS AND MAGNESIUM BALANCE
Liliana Cunha1, Carla Leal Moreira2, Maria João Carvalho2, António Cabrita2, Olivia Santos2, José Carlos Oliveira3, Anaabela Rodrigues3, 1Hospital Prof. Dr. Fernando Fonseca, Nephrology, Lisbon, PORTUGAL, 2Centro Hosp Porto, Nephrology, Porto, PORTUGAL, 3Centro Hosp Porto, Clinical Pathology, Porto, PORTUGAL.

SP510
A NOMOGRAM TO PREDICT THE POTENTIAL RISK OF DEVELOPING ENCAPSULATING PERITONEAL SCLEROSIS IN PATIENTS RECEIVING LONG-TERM PERITONEAL DIALYSIS
Chiu-Ching Huang1, Chi Ye Chou2, for Taiwan EPS Consortium, 1China Medical Univ Hosp, Kidney Inst, Taichung, TAIWAN, 2Asia Univ Hosp, Div Nephrology, Dept Internal Medicine, Taichung, TAIWAN.

SP511
PERITONEAL DIALYSIS IN PATIENTS WITH REFRACTORY HEART FAILURE AND OVERHYDRATION
Marios Papasotiriou1, Evangelos Papachristou1, Ioannis Kehagias2, Theodoros Ntrinis1, Periklis Davlouros3, Vasiliki Georgioupolou1, Dimitrios Goumenos1, 1Univ Hosp Patras, Nephrology, Patras, GREECE, 2Univ Hosp Patras, Surgery, Patras, GREECE, 3Univ Hosp Patras, Cardiology, Patras, GREECE.

SP512
FEASIBILITY OF PERITONEAL DIALYSIS IN ESRD PATIENTS
Haijiao Jin, Wei Fang, Mingli Zhu, Hao Yan, Yan Fang, Zanzhe Yu, Minfang Zhang, Qin Wang, Xiaojing Che, Haifen Zhang, Jiaying Huang, Chunhua Hu, Yuanyuan Xie, Shan Mou, Zhaohui Ni, Renji Hosp, School Medicine, Shanghai Jiao Tong Univ, Dept Nephrology, Shanghai, CHINA.

SP513
RELATION BETWEEN BCM AND ECOCARDIOGRAPHIC PARAMETERS TO REFLECT VOLUME STATUS IN PERITONEAL DIALYSIS
Taehee Kim1, Mi-Seon Kang2, Min-Ji Kim1, 1Inje Univ, Internal Medicine, Busan, SOUTH KOREA, 2Inje Univ, Pathology, Busan, SOUTH KOREA.

SP514
ENCAPSULATING PERITONEAL SCLEROSIS (EPS): A SERIOUS COMPLICATION ASSOCIATED WITH PERITONEAL DIALYSIS
Laura Blanco Andrews, Haridjan Sosa, Victor Burguera, Ester Casillas, Maria Delgado, Fernando Llano, Maite Rivera, Ramon and Cajal Hosp, Nephrology, Madrid, SPAIN.

SP515
MOLECULAR HYDROGEN AMELIORATE PERITONEAL MESOTHELIUM INJURY INDUCED BY COMMERCIAL PERITONEAL DIALYSATE IN CKD RAT MODEL
Wanjun Zhu, Tohoku Univ Hosp, Research Div Chronic Kidney Disease, Sendai, JAPAN.

SP516
CAUSATIVE ORGANISMS AND OUTCOMES OF PERITONEAL DIALYSIS RELATED PERITONITIS IN KUCHING, MALAYSIA
Vui Eng Phui1, Clare H. Tan1, Hock Hing Chu1, Laura L. Ngu1, Lawrence H. Hii1, 1Sarawak General Hosp, Nephrology, Kuching, MALAYSIA, 2Sarawak General Hosp, Medicine, Sarawak, MALAYSIA.

SP517
DIABETIC PERITONEAL DIALYSIS PATIENTS HAVE INCREASED EXTRACELLULAR WATER TO TOTAL BODY WATER AND ARTERIAL PULSE PRESSURE COMPARED TO NON-DIABETIC PATIENTS
Aniema I. A. Udor1, Catriona Goodlad2, Andrew Davenport2, 1Internal Medicine, Univ Uyo, Uyo, NIGERIA, 2UCL Centre Nephrology, Royal Free Hosp, London, UK.
SP518
PERITONEAL DIALYSIS AS A RENAL REPLACEMENT THERAPY IN PATIENTS WITH POLYCYSTIC KIDNEY DISEASE
Mondher Ounissi, Marwa Omrane, Mongi Bacha, Raja Aoudia, Ezzeddine Abederrahim, Taieb Ben Abdallah, Charles Nicolle Hosp, Nephrology Departement, Tunis, TUNISIA.

SP519
THE ROLE OF CINACALCET IN PERITONEAL DWELLS: CHANGES IN PET
Ana Pimentel1, Anabela M. Guedes1, Pedro Cavaleiro2, Teresa Jeronimo1, Ceu Laranjo1, Idalecio Bernardo1, Pedro Neves1, 1Centro Hosp Algarve, Nephrology, Faro, PORTUGAL, 2Centro Hosp Algarve, Internal Medicine, Faro, PORTUGAL.

SP520
COMPARISON OF FLUID STATUS IN A PREVALENT HAEMODIALYSIS AND PERITONEAL DIALYSIS COHORT: A RETROSPECTIVE ANALYSIS
Rachele Escoli, Ivan Luz, Paulo Santos, Hernani Gonçalves, Francisco Ferrer, Ana Vila Lobos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

SP521
THE EFFECT OF SELENIUM DEFICIENCY ON THYROID HORMONE AND CARDIOVASCULAR DISEASES IN PATIENTS WITH PERITONEAL DIALYSIS
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SP522
RELATIONSHIP BETWEEN PERITONEAL DIALYSIS AND BODY MASS INDEX
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SP523
THE EFFECTS OF MUSCLE STRENGTH AND PHYSICAL FUNCTION ON BALANCE IN PERITONEAL DIALYSIS PATIENTS
Ozlem Baysal1, Hulya Taskapan2, 1Ersoy Hosp, Physical Medicine and Rehabilitation, Istanbul, TURKEY, 2Inonu Univ, Nephrology Dept, Malatya, TURKEY.

SP524
EFFICACY OF FERRIC CIRTRATE HYDRATE IN PERITONEAL DIALYSIS PATIENTS WITH RENAL ANEMIA
Kazuki Koga, Kokura Memoral Hosp, Nephrology, Kitakyushu, JAPAN.

SP525
SERUM CERULOPLASMIN LEVEL AS A PREDICTOR FOR THE PERITONEAL DIALYSIS TECHNIQUE SURVIVAL
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SP526
HIGH SERUM LEPTIN LEVEL IS POSITIVELY ASSOCIATED WITH PERIPHERAL ARTERY DISEASE IN ADULT PERITONEAL DIALYSIS PATIENTS
Wang Chih-Hsien, Kuo Chiu-Huang, Jia-Sian Hou, Yu-Hsien Lai, Bang-Gee Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Hualien, TAIWAN.

SP527
WHAT ARE THE RELATIONSHIPS BETWEEN PERITONEAL SOLUTE TRANSPORT & PERITONEAL REABSORPTION IN 8-OUR PROLONGED PERITONEAL EQUILIBRATION TEST
Maria Isabel Troya-Saborido1,2, Josep Bonet-Sol1,2, Josep Teixido-Planas2, 1REMAR Group, Health Science Research Inst Germans Trias i Pujol, Nephrology, Badalona, SPAIN, 2Hosp Univ Germans Trias i Pujol, Nephrology, Badalona, SPAIN.

SP528
PERITONEAL DIALYSIS IN MALTA AN OVERVIEW OF PERITONITIS AND CATHETER-RELATED INFECTIONS OVER THE LAST 4 YEARS
Angela Borg Cauchi1, Maria Angela Grima2, James Gaucci2, James Farrugia2, Michael A. Borg3, 1Mater Dei Hosp, Medicine/Nephrology, Msida, MALTA, 2Mater Dei Hosp, Medicine, Msida, MALTA, 3Mater Dei Hosp, Infection Control, Msida, MALTA.
SP529
RECURRENT AND RELAPSING PERITONITIS, TWO DISTINCT CLINICAL ENTITIES OR TWO TERMS TO REFER TO THE SAME?
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SP530
RISK FACTORS FOR TWO-YEAR SURVIVAL OF INCIDENT PD PATIENTS: MULTICENTER PROSPECTIVE STUDY
Nada Dimkovic1, Aleksandar Jankovic, 11, Zdenka Majster, 11, Tatjana Damjanovic, 11, Milica Kostovic2, Biljana Cekovic3, Svetlana Zikic4, Branimir Havidza Lilic5, Miodrag Sokolovic6, Branislav Andric7, Mirjana Manasic8, Jasmina Vukic9, Slavca Stamenov10, Jasmina Bogdanovic11, Ana Muskovic12, 1Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Clinical Center Kragujevac, Dialysis Center, Kragujevac, SERBIA, 3Hosp Cacak, Dialysis Center, Cacak, SERBIA, 4Hosp Zajecar, Dialysis Center, Zajecar, SERBIA, 5Hosp Pirot, Dialysis Center, Pirot, SERBIA, 6Hosp Leskovac, Dialysis Center, Leskovac, SERBIA, 7Hosp Krusevac, Dialysis Center, Krusevac, SERBIA, 8Hosp Pancevo, Dialysis Center, Pancevo, SERBIA, 9Hosp Cuprija, Dialysis Center, Cuprija, SERBIA, 10Hosp Vranje, Dialysis Center, Vranje, SERBIA, 11Hosp Valjevo, Dialysis Center, Valjevo, SERBIA, 12Hosp Sombor, Dialysis Center, Sombor, SERBIA.

SP531
LONG-TERM DELETERIOUS EFFECTS OF PERITONITIS ON PERITONEAL AND RENAL FUNCTION
Matthias Zeiler1, Ada Caselli2, Silvio Di Stante3, Marina Di Luca3, Simonetta Oliva4, Francesco Bruni2, Stefano Santarella5, 1Osp Carlo Urbani, Nephrology and Dialysis, Jesi, ITALY, 2Osp Mazzoni, Nephrology and Dialysis Unit, Ascoli Piceno, ITALY, 3Azienda Osp Marche Nord, Nephrology and Dialysis Unit, Pesaro, ITALY, 4Azienda Osp Marche Nord, Nephrology and Dialysis Unit, Jesi, ITALY.
**DIALYSIS - CARDIOVASCULAR COMPLICATIONS I**

**SP532**
**EFFECT OF THE BLOOD PRESSURE IN MORPHOLOGICAL CEREBRAL CHANGES: MRI STUDY IN CKD PATIENTS (KIDBRAIN)**
Santiago Cedeño Mora1, Nicolás Macías1, Yasser Alemán2, Almudena Vega1, Soraya Abad1, Isabel Galán1, Manuel Desco2, Juan Manuel López Gómez1, 1Hosp General Univ Gregorio Marañón, Nephrology, Madrid, SPAIN, 2Hosp General Univ Gregorio Marañón, Medicine Research Lab, Madrid, SPAIN.

**SP533**
**IMPACT OF SLEEP-DISORDERED BREATHING ON CARDIOVASCULAR EVENTS AND MORTALITY IN HEMODIALYSIS PATIENTS**
Yasuhiro Mochida, Takayasu Ohtake, Kunihiro Ishioka, Machiko Oka, Kyoko Maesato, Hidekazu Moriya, Sumi Hidaka, Shuzo Kobayashi, Shonan Kamakura General Hosp, Kidney Disease and Transplant Center, Kamakura city, Kanagawa prefecture, JAPAN.

**SP534**
**EFFECT OF AUTOLOGOUS G-CSF-MOBILIZED CD34+ CELL TRANSPLANTATION IN HEMODIALYSIS PATIENTS WITH CRITICAL LIMB ISCHEMIA**
Takayasu Ohtake, Yasuhiro Mochida, Kunihiro Ishioka, Machiko Oka, Kyoko Maesato, Hidekazu Moriya, Sumi Hidaka, Shuzo Kobayashi, Shonan Kamakura General Hosp, Kidney Disease and Transplant Center, Kamakura, JAPAN.

**SP535**
**ASSOCIATION BETWEEN INTRADIALYTIC DYNAMICS OF CENTRAL VENOUS OXYGEN SATURATION AND ULTRAFILTRATION VOLUME IN CHRONIC HEMODIALYSIS PATIENTS**
Lili Chan1, Hanjie Zhang2, Anna Meyring-Wösten2, Israel Campos2, Priscilla Preciado2, Doris Fuertinger2, Stephan Thijsen2, Peter Kotanko2,3, Icahn School Medicine Mount Sinai, Nephrology, New York, NY, 2Renal Research Inst, Research, New York, NY, 3icahn School Medicine at Mount Sinai, Medicine, New York, NY.

**SP536**
**VITAMIN K ANTAGONISTS DO NOT REDUCE MORTALITY IN DIALYSIS PATIENTS**
Gurbey Ocak1, Pauline W. Voskamp2, Maarten B. Roosmaaker1, Marianne C. Verhaar1, Friedo W. Dekker2, 1Univ Medical Center Utrecht, Dept Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS.

**SP537**
**ACHIEVING HEART MORPHOLOGY IMPROVEMENT BY ACTIVE FLUID CONTROL IN CHRONIC HEMODIALYSIS PATIENTS**
Zoran Paunic1, Nada Dimkovic1, Natasa Markovic Nikolic2, Milica Dekleva-Manoljovic2, Jovan Popovic1, Aleksandar Jankovic1, 1Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Zvezdara Univ Medical Center, Clinical Dept Cardiovascular Diseases, Belgrade, SERBIA.

**SP538**
**EXPLORATION OF RIGHT VENTRICULAR HAEMODYNAMICS IN HEMODIALYSIS PATIENTS USING CARDIAC MAGNETIC RESONANCE IMAGING**
Laura Panaro1,2, Kenneth Mangion1, Elaine Rutherford1,3, Christie McComb1, Rosemary Woodward1, Aleksandra Radjenvov1, Colin Berry1, Allan D Struthers3, Patrick B Mark1, 1Inst Cardiovascular and Medical Sciences, Univ Glasgow, Glasgow, UK, 2Clinica Nefrologica, Azienda Osp Univ San Martino, Genoa, ITALY, 3Div Molecular & Clinical Medicine, Univ Dundee, Ninewells Hosp and Medical School, Dundee, UK.

**SP539**
**THE EXPRESSION PROFILE OF microRNAs IN CKD PATIENTS WITH VASCULAR CALCIFICATION**
Máte Kétszeri1, Alexander H. Kirsch1, Alexander R. Rosenkranz1, Robert Eckart2, Radovan Hojs2, Kathrin Eller1, Philipp Eller3, 1Medical Univ Graz, Clinical Div Nephrology, Graz, AUSTRIA, 2Univ Clinical Centre Maribor, Dept Internal Medicine, Maribor, SLOVENIA, 3Medical Univ Graz, Intensive Care Unit, Graz, AUSTRIA.

**SP540**
**RECENT DECLINE IN CORONARY ARTERY DISEASE PREVALENCE AMONG INCIDENT HEMODIALYSIS PATIENTS**
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**SP541**
**CARDIAC VALVE CALCIFICATION AND RISK OF CARDIOVASCULAR OR ALL-CAUSE MORTALITY IN DIALYSIS PATIENTS: A META-ANALYSIS**
Zhe Wang, Aili Jiang, Second Hosp Tianjin Medical Univ, Kidney Disease and Blood Purification Dept, Tianjin, CHINA.
SP542
THE EFFECTS OF IN-CENTER NOCTURNAL HAEMODIALYSIS ON LEFT VENTRICULAR REMODELLING: RESULTS FROM THE MIDNIGHT STUDY
Matthew P. M. GrahamBrown1, Darren R. Churchward2, Katherine L. Hull1, Robert Preston3, Warren Pickering4, Gerald P. McCann5, James O. Burton2, 1Univ Hosp Leicester, John Walls Renal Unit, Leicester, UK, 2Univ Leicester, Dept Infection Immunity and Inflammation, Leicester, UK, 3Kettering General Hosp, Dept Renal Medicine, Kettering, UK, 4Northampton General Hosp, Dept Renal Medicine, Northampton, UK, 5Univ Leicester, Dept Cardiovascular Science, Leicester, UK.

SP543
AMBULATORY ARTERIAL STIFFNESS PARAMETERS PREDICT CARDIOVASCULAR AND ALL-CAUSE MORTALITY BETTER THAN OFFICE AND AMBULATORY BLOOD PRESSURE IN HEMODIALYSIS PATIENTS
Pantelis A. Sarafidis1, Loutradis Charalampos2, Antonios Karpetas3, Georgios Toutoumpas3, Vasiliou Raptis4, Christos Syrgkanis3, Vasiliou Liakopoulos5, Georgios Elistratidis1, Gerard London6, Carmine Zoccali7, 1Hippokration Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, GREECE, 2Therapeutiki, Hemodialysis Unit, Katerini, GREECE, 3Pieria, Hemodialysis Unit, Katerini, GREECE, 4General Hosp Ioannina, Dept Nephrology, Ioannina, GREECE, 5Protypo, Hemodialysis Unit, Thessaloniki, GREECE, 6General Hosp Alexandria, Dept Nephrology, Alexandria, GREECE, 7General Hosp Alexandria, Dept Nephrology, Alexandria, GREECE.

SP544
EFFECTS OF NEBIVOLOL AND IRBESARTAN ON AMBULATORY BLOOD PRESSURE IN HEMODIALYSIS PATIENTS WITH INTRADIALYTIC HYPERTENSION: PRELIMINARY RESULTS FROM A RANDOMIZED CROSS-OVER STUDY
Athanasios Bikos1, Loutradis Charalampos2, Antonios Karpetas3, Vasiliou Raptis4, Alexia Piperidou5, Rigas Kalaitzidis6, Evdokia Ginikopoulou6, Stilianos Panagotou6, Plousis Pasadena6, Ilia Balaska7, Aikaterini Papagianni2, Vasiliou Liakopoulos5, Pantelis A. Sarafidis2, 1Pieria, Hemodialysis Unit, Katerini, GREECE, 2Therapeutiki, Hemodialysis Unit, Thessaloniki, GREECE, 3Pieria, Hemodialysis Unit, Katerini, GREECE, 4General Hosp Ioannina, Dept Nephrology, Ioannina, GREECE, 5Protypo, Hemodialysis Unit, Thessaloniki, GREECE, 6General Hosp Alexandria, Dept Nephrology, Alexandria, GREECE, 7General Hosp Alexandria, Dept Nephrology, Alexandria, GREECE.

SP545
QRS T ANGLE PREDICTS MAJOR CARDIAC EVENTS IN HEMODIALYSIS PATIENTS
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SP546
OXYGEN EXTRACTION RATIO (OER): A POSSIBLE PARAMETER TO MEASURE CARDIOVASCULAR (CV) STRESS IN HEMODIALYSIS (HD)
Maria Luisa Muci1, Silverio Rotondi1, Lida Tartaglione1, Luciano Carbone1, Marzia Pasquali2, Sandro Mazzaferr1, 1Polo Pontino Sapienza Univ Rome, Nephrology and Dialysis Unit, Rome, ITALY, 2Univ hosp company Policlinico Umberto I, Nephrology and Dialysis, Rome, ITALY.

SP547
PLASMA LONG NONCODING RNA LNC-CRF PREDICTS ADVERSE CARDIOVASCULAR OUTCOMES IN UREMIA PATIENTS
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SP548
ADEQUATELY CONTROLLED SYSTOLIC BLOOD PRESSURE IS SIGNIFICANTLY ASSOCIATED WITH BETTER SURVIVAL RATE, IRRESPECTIVE OF NUMBER OF ANTIHYPERTENSIVE AGENTS IN PREVALENT DIALYSIS PATIENTS
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SP549
ASSOCIATION BETWEEN TRACE ELEMENTS AND CORONARY ARTERY CALCIFICATION IN CHRONIC HEMODIALYSIS PATIENTS
Meric Orcu1, Selda Mercan2, Sennur Kos6, Selim Bakak4, Baris Ikitimir5, Serkan F. Yalin1, Sibel Gulcicek3, Selma Alagoz6, Numan Sevahil1, Mehmet R. Aktiparmak1, Sinan Trabulsi1, 1Istanbul Univ Cerrahpasa Medical Fac, Nephrology, Istanbul, TURKEY, 2Istanbul Univ Instensci Sciens, Science, Istanbul, TURKEY, 3Istanbul Univ Cerrahpasa Medical Fac, Radiology, Istanbul, TURKEY, 4Istanbul Univ Cerrahpasa Medical Fac, Radiology, Istanbul, TURKEY, 5Istanbul Univ Cerrahpasa Medical Fac, Cardiology, Istanbul, TURKEY, 6Bagcilar Training and Research Hosp, Nephrology, Istanbul, TURKEY.
SP550
LONG TERM CHANGES OF CARDIAC LEFT VENTRICULAR GEOMETRIC PATTERNS IN PATIENTS WITH END STAGE KIDNEY DISEASE
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SP551
RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS (RAASI) AND CLINICAL OUTCOMES IN HEMODIALYSIS PATIENTS: RESULTS FROM THE DOPPS
Angelo Karaboyas1, Hal Morgenstern1,2, Hairong Xu3, Akhtar Ashfaq3, Michel Jadou4, Francesco Locatelli5, Kosaku Nitta6, Francesca Tentori1,7, Bruce M. Robinson1,8, 1Arbor Research Collaborative for Health, Dopp, Ann Arbor, MI, 2Univ Michigan, Dept Epidemiology, Ann Arbor, MI, 3AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 4Univ Cathol. Louvain, Cliniques Univ Saint-Luc, Brussels, BELGIUM, 5Alessandro Manzoni Hosp, Nephrology, Lecco, ITALY, 6Tokyo Women’s Medical Univ, Dept Medicine, Tokyo, JAPAN, 7Vanderbilt Univ Med Center, Nephrology, Nashville, TN, 8Univ Michigan, Internal Medicine, Ann Arbor, MI.

SP552
EFFECTS OF HEMODIALYSIS COMBINED WITH HEMODIAFILTRATION AND CALCIUM SUPPLEMENTS ON CARDIAC STRUCTURE & FUNCTION IN MAINTENANCE HEMODIALYSIS PATIENTS WITH DIABETIC NEPHROPATHY
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SP553
SIGNIFICANT ASSOCIATION OF CIRCULATORY IRON STATUS WITH ENLARGED HEART IN END-STAGE KIDNEY DISEASE PATIENTS
Nobuhiko Joki1, Yuri Tanaka1, Toshihide Hayashi1, Masaki Iwasaki1, Hiroki Hase1, Takashi Shigematsu2, 1Toho Univ Ohashi Medical Center, Nephrology, Tokyo, JAPAN, 2Wakayama Medical Univ, Div Nephrology, Depart Internal Medicine, Wakayama, JAPAN.

SP554
ANKLE-BRACHIAL INDEX AND SKIN PERFUSION PRESSURE: WHICH IS THE STRONGER PREDICTOR OF LIFE PROGNOSIS AMONG MAINTENANCE-PHASE HEMODIALYSIS PATIENTS?
Yutaka Osawa, Asa Ogawa, Takashi Shimomori, Niigata Kinko Hosp, Kidney Center, Niigata, JAPAN.

SP555
STUDY OF CATALYTIC IRON AND OTHER INFLAMMATORY MARKERS AND THEIR CORRELATION WITH CARDIOVASCULAR EVENTS IN MAINTENANCE HEMODIALYSIS PATIENTS
Umapati Hegde1, Vipul Chakurkar1, Mohan Rajapurkar1, Banibatra Mukhopadhyay2, Sishir Gang1, Abhijit Konnur1, Suhas Lele3, 1Mulji Bhai Patel Urological Hosp, Nephrology, Nadiad, INDIA, 2Mulji Bhai Patel Urological Hosp, Biochemistry, Nadiad, INDIA, 3Bhailal Amin General Hosp, Cardiology, Vadodara, INDIA.

SP556
VASCULAR CALCFICATION AND LEFT VENTRICULAR HYPERTROPHY IN HEMODIALYSIS PATIENTS: INTER-RELATIONSHIP AND CLINICAL IMPACTS
Hyeon Seok Hwang1, Jung Sun Cho1, Yu Ah Hong1, Yoon Kyung Chang1, Seok Joon Shin2, Suk Young Kim1, Hye Eun Yoon2, 1College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Daejeon, SOUTH KOREA, 2College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Incheon, SOUTH KOREA.

SP557
SERUM LEPTIN POSITIVELY CORRELATES WITH CENTRAL ARTERIAL STIFFNESS IN GERIATRIC PATIENTS ON HEMODIALYSIS
Chiu-Huang Kuo, Chih-Hsien Wang, Jia-Sian Hou, Bang-Gee Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Hualien, TAIWAN.

SP558
SCLEROSTIN; ANOTHER VASCULAR CALCIFICATION INHIBITOR
Gokce Kundakci Gelir, Sule Sengul, Gokhan Nergizoglu, Sim Kutlay, Ankara Univ School Medicine, Dept Nephrology, Ankara, TURKEY.
SP559
VALVULAR CALCIFICATION AND ITS RELATIONSHIP TO Atherosclerosis In PERITONEAL AND HEMODIALYSIS PATIENTS
Merita Rroji (Molla), Saimir Seferi, Nereida Spahia, Erjola Likaj, Alma Idrizi, Myftar Barbullushi, Univ Hosp Center Mother Teresa, Dept Nephrology Dialysis Transplantation, Tirana, ALBANIA.

SP560
INTERDIALYTIC WEIGHT GAIN AND HEART DAMAGE IN HEMODIALYSIS PATIENTS: ARE WE TELLING A TRUE STORY?
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SP561
SERUM ENDOCAN LEVELS PREDICT CARDIOVASCULAR EVENTS IN HEMODIALYSIS PATIENTS
Tomasz Hryszko1, Karolina Dworzarczyk1, Szymon Brzosko1, Alicja Rydzewska-Rosolowska1, Beata Zelazowska-Rutkowska2, Beata Naumnik1, 1Medical Univ Bialystok, First Dept Nephrology and Transplantation with Dialysis Unit, Bialystok, POLAND, 2Medical Univ Bialystok, Dept Pediatric Lab Diagnostics, Bialystok, POLAND.

SP562
PARAMETERS OF BLOOD PRESSURE & CHRONIC HEART FAILURE IN HEMODIALYSIS PATIENTS
Ekaterina Borodulina1, Alexander Shutov2, Valery Sero2, 1Nephrology Expert Council, Kirov Dialysis Dept, Kirov, RUSSIAN FEDERATION, 2Ulyanovsk State Univ, Medical Fac, Ulyanovsk, RUSSIAN FEDERATION.

SP563
LOW TRANSFERRIN SATURATION IS INDEPENDENTLY ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY AND SYSTOLIC DYSFUNCTION IN MAINTENANCE HEMODIALYSIS PATIENTS
Ken Iseri1,2, Makoto Watanabe2, Hisako Yoshikawa2, Masayuki Iyoda1, Takanori Shibata1, 1Div Nephrology, Dept Medicine, Showa Univ School Medicine, Tokyo, JAPAN, 2Dept Nephrology, Makita general Hosp, Tokyo, JAPAN.

SP564
AEROBIC INTRADILAYTIC EXERCISE: AN EFFECTIVE APPROACH TO IMPROVE HEART RATE VARIABILITY?
Clare L. Tomlinson1, Matthew P. M. Graham-Brown2, Darren R. Churchward1, Ben Stockdale3, Simon Dickinson3, Anna-Marie Marsh4, Alysha Careless1, Daniel S. March1, James O. Burton1, 1Univ Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Loughborough Univ, National Centre Sports and Exercise Medicine, Loughborough, UK, 3Cotswold Business Village, SMART Medical, Gloucestershire, UK, 4Univ Hosp Leicester NHS Trust, Cardiovascular Biomedical Research Unit, Leicester, UK.

SP565
FIBROBLAST GROWTH FACTOR-23 AND DIASTOLIC DYSFUNCTION IN MAINTENANCE HAEMODIALYSIS PATIENTS
Cherukupalli Nageswararao, Nagasrinivasulu Jillella, Bhaskar Beesetty, Ravikumar Mitta, Gullipalli Prasad, Ramesh Chandra, Andhra Medical College, Nephrology, Visakhapatnam, INDIA.

SP566
THE RELATIONSHIP BETWEEN CORONARY ARTERY CALCIUM SCORES AND LEFT ATRIUM SIZE IN HEMODIALYSIS PATIENTS
İsmail Baloglu, Kultigin Turkmen, H. Zeki Tonbul, N. Yılmaz Selçuk, Nemcettin Erbakan Univ, Nephrology, Konya, TURKEY.

SP567
THE EFFECTS OF INTRADIALYTIC EXERCISE PLUS MUSIC ON ANXIETY
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SP568
DETERMINANTS OF ORTHOSTATIC HYPOTENSION IN DIALYSIS PATIENTS
Bia& Maria Elena1, Maximo Schiavone2, Carlos Castellar2, Mauro Magenta1, Gaston Fernandez Candia2, Carlos Calegar1, Carlos Diaz1, Fernando Speranzoni3, Juan Montagnana3, Sergio Gonzalez4, Felipe Inserra2, Gustavo Lahami1, ICMIC, Nephrology Dept, Buenos Aires, ARGENTINA, 2Univ Austral, Fac Ciencias Biomedicas, Derqui, ARGENTINA, 3Cemic, Hypertension Unit, Buenos Aires, ARGENTINA, 4Hosp Churruca, Neuvascular Lab, Cardiology Dept, Buenos Aires, ARGENTINA.
Posters

SP569
RETROSPECTIVE STUDY ON GLYCEMIC CONTROL, BLOOD PRESSURE AND LIPID MANAGEMENT IN HAEMODIALYSIS PATIENTS WITH DIABETES IN A UK NHS HOSPITAL
Mehreen Farooqi1, Srikanth Bellary2, Vijayan Suresh3, 1Univ Birmingham, Renal Dept, Birmingham, UK, 2Heart of England NHS Foundation Trust, Diabetes & Endocrinology, Birmingham, UK, 3Heart of England NHS Foundation Trust, Renal, Birmingham, UK.

SP570
PREVALENCE AND DETERMINANTS OF ACUTE HEMODIALYSIS COMPLICATIONS DURING THE FIRST THREE SESSIONS IN THE TWO HEMODIALYSIS CENTERS OF YAOUNDE
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SP571
EFFECT OF ACUTE POTASSIUM REDUCTION DURING DIALYSIS ON BLOOD PRESSURE IN PATIENTS OF CHRONIC KIDNEY DISEASE
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SP572
WHAT ARE THE DETERMINING FACTORS OF VASCULAR CALCIFICATION AND IS THERE ANY RELATIONSHIP BETWEEN VASCULAR CALCIFICATION, ARTERIAL STIFFNESS, FIBROBLAST GROWTH FACTOR-23 AND FETUIN-A IN END-STAGE KIDNEY DISEASE PATIENTS ON REGULAR HEMODIALYSIS?
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SP573
PREDICTORS OF VASCULAR RESISTANCE INCREASE IN PATIENTS IN DIALYSIS
Maximo Agustin Schiavone1, Maria Elena Biai2, Gustavo Laham2, Carlos Diaz2, Gaston Fernandez Candia1, Fernando Speranzoni3, Juan Montagnana3, Redondo Pereira3, Felipe Inserra1, Carlos Castellano3,2, 1Univ Austral, Fac Biomedical Science, Derqui, ARGENTINA, 2Cimic, Nephrology Dept, Buenos Aires, ARGENTINA, 3Cimic, Hypertension Unit, Buenos Aires, ARGENTINA.

SP574
CORRELATION BETWEEN TESTOSTERONE LEVELS IN MALE HEMODIALYSIS PATIENTS AND CARDIOVASCULAR RISK PARAMETERS
Marina Ratkovic1, Danilo Radunovic1, Vladimir Prelevic1, Aleksandar Djogo2, Najdana Gligorovic Barhanovic3, Tanja Antunovic3, Nebojsa Bulatovic4, Branica Gledovic1, Nikolina Basic Jukic5, 1Clinical Center Montenegro, Nephrology and Haemodialysis Dept, Podgorica, MONTENEGRO, 2Clinical Center Montenegro, Endocrinology Dept, Podgorica, 3Clinical Center Montenegro, Biochemistry Dept, Podgorica, 4Clinical Center Montenegro, Cardiology Dept, Podgorica, 5Clinical Hosp Center Zagreb, Dept Arterial Hypertension, Nephrology, Dialysis and Transplantation, Zagreb, CROATIA.

SP575
CARDIOVASCULAR CALCIFICATION IN PATIENTS WITH DIALYSIS-DEPENDENT CHRONIC KIDNEY DISEASE: EFFECTIVENESS OF NEW DIAGNOSTIC TESTS
Oleksandr Susla1, Andriy Levytsky2, Zoriana Litovkina3, Vasyl Vodvud1, II. Horbachevsky Ternopil State Medical Univ, Dept Urgent and Emergency Medicine, Ternopil, UKRAINE, 2Ternopil Univ Hosp, Dept Ultrasound Diagnostics, Ternopil, UKRAINE, 3Ternopil Univ Hosp, Dept Hemodialysis, Ternopil, UKRAINE.

SP576
IMPACT OF LEFT VENTRICULAR DIASTOLIC DYSFUNCTION FOR PREDICTING CARDIOVASCULAR EVENTS IN HEMODIALYSIS PATIENTS WITH PRESERVED SYSTOLIC FUNCTION
Tatsunori Toida1,2, Reiko Toida3,4, Norihiko Koyama3, Shigehiro Uezono5, Hirohito Komatsu6, Yuji Sato7, Tetsunori Ishikawa4, Kazuo Kitamura4, Shouichi Fujimoto1, 1Univ Miyazaki, Dept Hemovascular Medicine and Artificial Organs, Fac Medicine, Miyazaki, JAPAN, 2Miyazaki Prefectural Nobeoka Hosp, Dept Internal Medicine, Nobeoka city, Miyazaki, JAPAN, 3Chiyoda Hosp, Dept Cardiology, Hyuga city, Miyazaki, JAPAN, 4Univ Miyazaki, Div Circulatory and Body Fluid Regulation, Dept Internal Medicine, Miyazaki, JAPAN, 5Chiyoda Hosp, Dept Nephrology, Hyuga city, Miyazaki, JAPAN, 6Univ Miyazaki Hosp, First Dept Internal Medicine, Miyazaki, JAPAN, 7Univ Miyazaki Hosp, Dialysis Div, Miyazaki, JAPAN.

SP577
PULSE WAVE VELOCITY IS ASSOCIATED WITH AMBULATORY BLOOD PRESSURE PARAMETERS IN PATIENTS ON MAINTENANCE HEMODIALYSIS
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DIALYSIS - VASCULAR ACCESS I

SP578
PATIENT PERCEPTIONS OF A NEW NON-SURGICAL APPROACH TO ARTERIOVENOUS FISTULA CREATION AND USE FOR HEMODIALYSIS
Charmaine Lok, on behalf of NEAT investigators, Univ Health Network, Div Nephrology, Toronto, ON, CANADA.

SP579
USE OF INFANT FEEDING TUBE FOR ARTERIOVENOUS FISTULA CREATION BY NEPHROLOGIST-SURGICAL TECHNIQUE AND OUTCOMES
Sunil Prakash, Jaydev Kumhar, Kunal Gandhi, Divyesh Engineer, Amit Kumar, Ashwini Goel, Dulee Yadav, BLK Super-speciality Hosp, Dept Nephrology, New Delhi, INDIA.

SP580
THE ARTERIOVENOUS GRAFT BETWEEN THE BRACHIAL ARTERY AND VENA COMITANS: A RELIABLE VASCULAR ACCESS IN PATIENTS WITH INADEQUATE SUPERFICIAL VEINS
Giordano Fumagalli, Stefano De Pietro, Massimiliano Migliori, Vincenzo Panichi, USL Toscana Nordovest Osp Versilia, Nephrology and Dialysis, Lido di Camaiore (LU), ITALY.

SP581
NEW METHOD TO DECREASE BUTTONHOLE LOCAL INFECTION RATE TO LESS THAN 1 IN 10,000
Kazuhiko Shibata1, Shigeki Toma2, Hidehisa Satta3, Tadashi Kuji4, Masahiro Nishihara3, Kiyotaka Imoto5, Seiichi Kawa1, Naoaki Koguchi4, Gen Yasuda6, Takahiro Shinzato7, Yokohama Minami Clinic, Internal Medicine, Yokohama, JAPAN, 2Toma Naika Clinic, Internal Medicine, Nishihara, JAPAN, 3Toshin Clinic, Internal Medicine, Yokohama, JAPAN, 4Yokodai Central Clinic, Internal Medicine, Yokohama, JAPAN, 5Kasama clinic, Internal Medicine, Yokohama, JAPAN, 6Yokohama City Univ Medical Center, Internal Medicine, Yokohama, JAPAN, 7Daiko Medical Engineering Research Inst, Internal Medicine, Nagoya, JAPAN.

SP582
VASCULAR ACCESS IN ELDERLY PATIENTS ON HEMODIALYSIS: BALANCING BETWEEN LOCAL AND SYSTEMIC COMPLICATIONS. WHERE IS THE COMPROMISE?
Alexey Zulkarnaev, Andrey Vatazin, Natalia Fominikh, Zurab Kardanahishvili, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, RUSSIAN FEDERATION.

SP583
VASCULAR ACCESS OUTCOMES REPORTED IN RANDOMISED TRIALS CONDUCTED IN PATIENTS REQUIRING HAEMODIALYSIS: A SYSTEMATIC REVIEW
Andrea K. Vieceelli1, Emma O’Lone2, Bénédicte Sautenet2, Jonathan C. Craig2, Allison Tong2, Eric Chemla3, Lai-Seong Hooi4, Timmy Lee5, Charmaine Lok6, Kevan R. Polkinghorne7, Robert R. Quinn8, Raymond Vanholder1, 1Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 2Children’s Hosp Westmead, Centre Kidney Research, Sydney, AUSTRALIA, 3St George’s Univ NHS Foundation Trust, Dept Medicine, London, UK, 4Hosp Sultanah Aminah, Dept Medicine and Haemodialysis Unit, Johor Bahru, MALAYSIA, 5Veterans Affairs Medical Center, Dept Medicine and Div Nephrology, Birmingham, AL, 6Univ Toronto, Dept Medicine, Toronto, ON, CANADA, 7Monash Univ, Dept Medicine & School Public Health and Preventive Medicine, Melbourne, AUSTRALIA, 8Univ Calgary, Dept Medicine & Community Health Sciences, Calgary, AB, CANADA, 9W.G. (Bill) Hefner Veterans Affairs Medical Center, Div Nephrology, Salisbury, NC, 10Ghent Univ, Fac Medicine and Health Sciences, Ghent, BELGIUM, 11Peking Univ People’s Hosp, Dept Medicine, Beijing, CHINA, 12Univ Western Australia, School Medicine and Pharmacology, Perth, AUSTRALIA.

SP584
PLACEMENT OF TUNNELED CUFFED VASCULAR CATHETER THROUGH SUPERIOR VENA CAVA PUNCTURE
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SP585
PREVENTIVE SURGERY FOR HEMODIALYSIS VASCULAR ACCESS SAVING
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SP586
SMART FLOW: A FASTER AND VALUABLE METHOD FOR BLOOD FLOW MEASUREMENT IN ARTERIOVENOUS FISTULAS
Marco Colucci1,2, Massimo Torreggiani2, Giuseppe Sileno2, Vittoria Esposito2, Davide Catucci1,2, Alice Mariotto1,2, Grazia Dea Bonelli2, Gabriella Adamo2, Luca Semeraro2, Giovanni Montagna2, Emanuela Efficac2, Fabrizio Calliada3, Cor Esposito2,1, Univ Studi Pavia, Scuola Specializzazione Nefrologia, Pavia, ITALY, 2ICS Maugeri, Dept Medicine & Health Sciences, Pavia, ITALY, 3IRCCS Policlinico San Matteo, Ist Radiologia, Pavia, ITALY.
SP587
OMEGA-3 PUFA SUPPLEMENTATION TO PREVENT ARTERIOVENOUS FISTULA AND GRAFT FAILURE: SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS
Andrea K. Viecelli1, Ashley B. Irish2, Carmel M. Hawley1, Charmaine Lok3, David W. Johnson1, Elaine M. Pascoe1, Giovanni F. Strippoli4, Kevan R. Polkinghorne5, Trevor A. Moni2, Sueetona Palmer6, 1Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 2Univ Western Australia, School Medicine and Pharmacology, Perth, AUSTRALIA, 3Univ Toronto, Dept Medicine, Toronto, ON, CANADA, 4Diaverum, Medical Scientific Office, Lund, SWEDEN, 5Monash Univ, Dept Medicine & School Public Health and Preventive Medicine, Melbourne, AUSTRALIA, 6Univ Otago Christchurch, Dept Medicine, Christchurch, NEW ZEALAND.

SP588
BALLON ANGIOPLASTY AS TREATMENT OF CENTRAL VENOUS CATHETER DYSFUNCTION BY FIBRIN SHEATH
Mario Jimenez Hernandez1, Marta Barrufet2, Patricia Bermúdez2, Marta Burrel2, Fernando Gómez2, Francesc Maduell3, Néstor Fontseré1, 1Hosp Clinic Barcelona, Vascular Access Unit, Nephrology and Renal Transplantation Inst, Barcelona, SPAIN, 2Hosp Clinic Barcelona, Interventional Vascular Radiology Unit, Barcelona, SPAIN.

SP589
PREDIALYSIS VASCULAR ACCESS CREATION: TO WHOM AND WHEN
Rachele Escoli, Ivan Luz, Paulo Santos, Ana Vila Lobos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

SP590
CORONARY ARTERY CALCIFICATION PREDICTS MICROCALCIFICATION OF VASCULAR ACCESS IN HEMODIALYSIS PATIENTS
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SP591
PATIENT CHARACTERISTICS AND OUTCOME OF HAEMODIALYSIS VASCULAR ACCESS PATENCY - A SINGLE CENTRE EXPERIENCE
Pablo Justo Avila1, Terrina Abd Rahim2, Kumar Abayasekara3, Paul Owen1, 1Derby Hosp NHS Trust, Renal medicine, Derby, UK, 2Kettering General Hosp NHS Trust, Renal medicine, Kettering, UK, 3Derby Hosp NHS Trust, Vascular surgery, Derby, UK.

SP592
BRACHIOBASILISIC ARTERIOVENOUS FISTULA WITH SUPERFICIALIZATION AND TRANSPOSITION THE BASILIC VEIN IN A ONE STAGE SURGICAL TECHNIQUE: 5 YEARS OF SINGLE CENTER EXPERIENCE
Mario Jimenez Hernandez1, Gaspar Mestres2, Xavi Yagueos2, Vicens Riambau2, Francesc Maduell1, Néstor Fontseré1, 1Hosp Clinic Barcelona, Vascular Access Unit, Nephrology and Renal Transplantation Inst, Barcelona, SPAIN, 2Hosp Clinic Barcelona, Vascular Surgery Service, Vascular access unit, Barcelona, SPAIN.

SP593
REGIONAL DIFFERENCES IN ARTERIOVENOUS FISTULA FAILURE OBSERVED IN THE FAVOURED TRIAL
Andrea K. Viecelli1, Elaine M. Pascoe1, Kevan R. Polkinghorne5, Darsy Darssan1, Trevor A. Moni2, Carmel M. Hawley1, David W. Johnson1, Ashley B. Irish3, 1Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 2Monash Univ, Dept Medicine & School Public Health and Preventive Medicine, Melbourne, AUSTRALIA, 3Univ Western Australia, School Medicine and Pharmacology, Perth, AUSTRALIA.

SP594
HEMODIALYSIS VASCULAR ACCESS PRACTICES AMONG MAINTENANCE HEMODIALYSIS PATIENTS IN A LARGE, NATIONAL, DIALYSIS COHORT IN INDIA AND IMPACT ON SURVIVAL
Vivekanand Jha1,2, Kamal D. Shah1, Manik Chhabra1, Kamlesh Parikh1, Venkatraman G1, Guruvulu S1, 1NephroPlus Dialysis Centres, Dialysis, Hyderabad, INDIA, 2George Inst Global Health, India, New Delhi, INDIA.

SP595
IDENTIFICATION OF EARLY BIOMARKERS OF ARTERIOVENOUS FISTULA (AVF) STENOSIS: THE ROLE OF CIRCULATING PLASMA MICROVESICLES (MV)
Marita Marengol1, Elisabetta Radin2, Davide Medica3, Pier Eugenio Nebiolo2, Alfonso Pacitti4, Marco Formica1, Vincenzo Cantaluppi3, 1Nephrology and Dialysis Unit, ASL CN1, Medical Dept, Cuneo, ITALY, 2Nephrology and Dialysis Unit, Medical Dept, Aosta, ITALY, 3Nephrology and Kidney Transplantation Unit, Dept Translational Medicine, Univ Eastern Piedmont, Novara, ITALY, 4Nephrology and Dialysis Unit, Medical Dept, Cuneo, ITALY.
SP596  
SUPPERFICIALIZATION OF BRACHIAL ARTERY IS ASSOCIATED WITH BETTER SURVIVAL COMPARED TO TUNNELED CENTRAL VENOUS CATHETER PLACEMENT IN HEMODIALYSIS PATIENTS WITH HEART FAILURE
Kaneyasu Nakagawa1, Yusuke Kuroki1, Yushi Uchida1, Hokuto Arase1, Yuta Matsukuma2, Kensuke Izumaru1, Koji Mitsuiki1, 1Japanese Red Cross Fukuoka Hosp, Div Nephrology and Dialysis Center, Fukuoka, JAPAN, 2Kyushu Univ, Dept Medicine and Clinical Science, Graduate School Medical Sciences, Fukuoka, JAPAN.

SP597  
DEVELOPING A CORE OUTCOME MEASURE FOR VASCULAR ACCESS FOR TRIALS IN HAEMODIALYSIS: AN INTERNATIONAL MULTISTAKEHOLDER CONSENSUS WORKSHOP
Andrea K. Viecelli1, Allison Tong2, Angela Ju2, Bénédicte Sautenet2, Braden Manns3, Camilla Hanson2, Emma O’Lone2, Jonathan C. Craig2, Carmel M. Hawley1, 1Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 2Children’s Hosp Westmead, Centre Kidney Research, Sydney, AUSTRALIA, 3Univ Calgary, Dept Medicine and Community Health Sciences, Calgary, AB, CANADA.

SP598  
INFLUENCE OF THE VASCULAR ACCESS PUNCTURE NEEDLE CALIBER IN THE CHARACTERISTICS OF ONLINE HEMODIAFILTRATION (OLHDF)
Isabel Galán, Almudena Vega, Soraya Abad, Nicolás Macías, Santiago Cedeño, Juan Manuel López-Gómez, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

SP599  
SUCCESSFUL TREATMENT OF A BRACHIOBASILIC FISTULA PSEUDOANEURYSM BY MANUAL ULTRASOUND GUIDED COMPRESSION: TWOCASE REPORTS
Mohamed Amine Rahil, Bachir Ben Nacer Hosp, Nephrology and Dialysis, Biskra, ALGERIA.

SP600  
COMPARISON OF CITRATE 0.04 AND HEPARIN AS TUNNELED-CATHETERS-LOCKING SOLUTIONS IN CHRONIC HEMODIALYSIS
Guillaume Chazot, Manolie Mehdi, Christie Lorriaux, Patrik Delevaal, Brice Mayor, Guillaume Jean, Charles Chazot, Oriane Moncel, Cyril Vo-Van, Jean-Marc Hurot, NephroCare Tassin-Charcot, Nephrology, Lyon, FRANCE.

SP601  
SUPRACLAVICULAR APPROACH TO THE SUBCLAVIAN VEIN - ONE WELL FORGOTTEN TECHNIQUE WITH IMPRESSIVE RESULTS
Biser Borisov1, Vasil Todorov1, Sergey Iliev2, Kiril Nedayalkov2, 1Medical Univ, Clinic Nephrology and Dialysis, Pleven, BULGARIA, 2Medical Univ, Dept surgery, Pleven, BULGARIA.

SP602  
CAROTID INTIMA-MEDIA THICKNESS PREDICTS DIALYSIS VASCULAR ACCESS FAILURE IN HEMODIALYSIS PATIENTS
Hong Joo Lee, Sang Jo Han, Seoul Red Cross Hosp, Dept Nephrology, Seoul, SOUTH KOREA.

SP603  
ERYTHROPOIETIN RESISTANCE INDEX AND MORTALITY OF HEMODIALYSIS PATIENTS: MULTICENTER STUDY
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SP604  
HIGHER HEMOGLOBIN LEVEL MAY BE ASSOCIATED WITH USE OF DIPEPTIDYL-PEPTIDASE 4 INHIBITOR IN DIABETIC DIALYSIS PATIENTS
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SP605  
FUNCTIONAL EPO-HEPCIDIN AXIS IN RECOMBINANT HUMAN EPO INDEPENDENT HEMODIALYSIS PATIENT
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SP606  
**HEPCIDIN-25-TO-ERYTHROFERRONE RATIO PREDICTS IMPROVEMENT OF ANEMIA IN HEMODIALYSIS PATIENTS TREATED BY FERRIC CITRATE HYDRATE**
Masaki Haral, Yuya Nakamura1, Masahiro Inagaki2, Mayumi Tsujii3, Yuji Kiuchi3, Isao Ohsawa1, Yoshikazu Goto1, Hiromichi Gotoh1, Isaiyu Soka Hospital, Mochi Hospital, Dept Internal Medicine, Saitama, JAPAN, 2Hosei Univ Ohashi Hospital, Dept Nephrology, Tokyo, JAPAN, 3Hospital Yamaguchi, Div Internal Medicine, Saitama, JAPAN.

SP607  
**RESISTANCE TO ERYTHROPOIESIS STIMULATING AGENTS IN PRE-DIALYSIS PHASE AND MORTALITY AFTER STARTING DIALYSIS IN JAPANESE INCIDENT HEMODIALYSIS PATIENTS: A PROPENSITY SCORE MATCHING STUDY**
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SP608  
**LIVER AND CARDIAC IRON CONCENTRATION MEASURED BY MRI IN HEMODIALYSIS PATIENTS**
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SP609  
**HEMOGLOBIN VARIABILITY DURING TREATMENT WITH DIFFERENT ERYTHROPOIESIS STIMULATING AGENTS - MULTICENTER STUDY**
Zorica Dimitrijevic1, Nada Dimkovic2, Aleksandar Jankovic2, Radmila Velickovic Radovanovic1, Tanja Lazarevic3, Ivko Maric4, Miomir Prokopenovic5, Biserka Terasjajf Jankovic6, Branimir Havidza Lolic7. 1Clinical Center Nis, Nephrology, Nis, SERBIA, 2Zvezdara Univ Medical Center, Nephrology, Belgrade, SERBIA, 3Clinical Center Krugjevac, Nephrology, Krugjevac, SERBIA, 4Dialysis center Lazarevac, Nephrology, Lazarevac, SERBIA, 5Dialysis center Leskovac, Nephrology, Leskovac, SERBIA, 6Dialysis center Zajecar, Nephrology, Zajecar, SERBIA, 7Dialysis center Piro, Nephrology, Piro, SERBIA.

SP610  
**DETERMINANTS OF HEPCIDIN/FERRITIN RATIO IN PATIENTS UNDERGOING MAINTENANCE HEMODIALYSIS**
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SP611  
**DOES INTERDIALYTIC WEIGHT GAIN EFFECT HEMOGLOBIN VARIABILITY**
Cenk Gokalp1, Ender Hür2, Merve Günsel Ulusoy3, Elif Duman4, Hüseyin Taşkın5, Selahattin Başak6, Özge Timur7, Neşe Büyükölçü8, Necati Özkan9, Ertugrul Cakır10, Gürçan Yurtman11, İlhan Akşın11, Zeki Malçoğlu11, Soner Duman1, Ege Univ Medical School, Nephrology, Izmir, TURKEY, 2Manisa Merkezefendi State Hospital, Nephrology, Manisa, TURKEY, 3Ege Univ Medical School, Biostatistics, Izmir, TURKEY, 4Bozyaka Training and Research Hospital, Thoracic Surgery, Izmir, TURKEY, 5Als lee Devlet Hastanesi, Internal Medicine, Manisa, TURKEY, 6Ege University State Hospital, Internal Medicine, Ankara, TURKEY, 7Erzurum Training and Research Hospital, Internal Medicine, Erzurum, TURKEY, 8Söke Dialysis Center, Nephrology, Aydın, TURKEY, 9Bodrum Dialysis Center, Nephrology, Mugla, TURKEY, 10Milas Dialysis Center, Nephrology, Mugla, TURKEY, 11Karşıyaka Dialysis Center, Nephrology, Izmir, TURKEY.

SP612  
**DIALYZER REUSE, DOES IT HAVE AN IMPACT ON ERYTHROPOEITIN RESISTANCE? AN OBSERVATIONAL STUDY**
Soumava Gupta, Rabindranath Tagore International Inst Cardiac Sciences, Nephrology, Kolkata, INDIA.

SP613  
**MANAGING ANEMIA VIA ADJUSTING RESTITUTION VOLUMES IS AN EFFECTIVE, SAFE AND ECONOMICAL WAY TO CONTROL ANEMIA**
Burcin Aydemir1, Bilser Gunes1, Canan Mirza2, Aysel Gozkonan3, Rabia Papila2, Emine Uenal2, Fatih Kircelli2, 1FMC Avciar Dialysis Center, Nephrology, Istanbul, TURKEY, 2Fresenius Medical Care Turkey, Medical, Istanbul, TURKEY, 3FMC Sevgi Dialysis Center, Nephrology, Izmir, TURKEY.

SP614  
**THE UTILITY OF VERY LOW DOSE DARBEPOETIN FOR RENAL ANEMIA UNDER HEMODIALYSIS**
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SP615
LIVER IRON CONTENT BY MAGNETIC RESONANCE IN CHRONIC KIDNEY DISEASE AT THE START OF MAIN-
TENANCE HEMODIALYSIS AND 12 MONTHS LATER
Patricia Carrilho1, Inês Santiago2, Marta Alves3, Pedro Fidalgo4, Elsa Rodrigues5, Bruno Rodrigues1, 1Hosp Prof Dr 
Fernando Fonseca, Nephrology, Amadora, PORTUGAL, 2Champalimaud Foundation, Radiology, Lisboa, PORTUGAL, 
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rology, Carnaxide, PORTUGAL, 5Hosp Prof Dr Fernando Fonseca, Radiology, Amadora, PORTUGAL.

SP616
EFFECT ON HEART RATE VARIABILITY IN HEMODIALYSIS PATIENTS
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SP617
ASSOCIATION OF VITAMIN D DEFICIENCY WITH RENAL ANEMIA AND ERYTHROPOIETIN HYPORESPON-
SIVENESS IN HEMODIALYSIS PATIENTS
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Posters

**DIALYSIS - EPIDEMIOLOGY & OUTCOME I**

- **SP618**
  PERFORMANCE OF BLEEDING RISK SCORES IN DIALYSIS PATIENTS
  Gurbey Ocak1, Chava Ramspkek2, Maarten B. Rookmaker1, Marianne C. Verhaar1, Friedo W. Dekker2, Merel van Denpen2, 1Univ Medical Center Utrecht, Dept Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS.

- **SP619**
  NEUROCOGNITION IN PATIENTS WITH ESRD: THE COURSE OF COGNITIVE FUNCTION IN THE EARLY PHASE OF PERITONEAL AND HEMODIALYSIS
  Denise Neumann1, Wilfried Mau1, Andreas Wienke2, Matthias Girndt3, 1Martin Luther Univ Halle-Wittenberg, Medical Fac, Inst Rehabilitation Medicine, Halle (Saale), GERMANY, 2Martin Luther Univ Halle-Wittenberg, Medical Fac, Inst Medical Epidemiology, Biostatistics, and Informatics, Halle (Saale), GERMANY, 3Martin Luther Univ Halle-Wittenberg, Medical Fac, Dept Internal Medicine II, Halle (Saale), GERMANY.

- **SP620**
  DIETARY N-3 AND N-6 POLYUNSATURATED FATTY ACID INTAKE AND RISK OF MORTALITY IN PEOPLE ON HEMODIALYSIS: THE DIET-HD MULTINATIONAL COHORT STUDY
  Valeria Saglimbene1,2, Germaine Wong2, Marinella Ruospo1,3, Suetonia C. Palmer4, Patrizia Natale1, Marietta Török1, Delia Timofte1, Jörgen Hegasbrandt1, Jonathan C. Craig2, Giovanni F. M. Strippoli1,5,2, on behalf of the DIET-HD Investigators, 1Diaferum, Medical Scientific Office, Lund, SWEDEN, 2Univ Sydney, School Public Health, Sydney, AUSTRALIA, 3Amedeo Avogadro Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 4Univ Otago Christchurch, Medicine, Christchurch, NEW ZEALAND, 5Univ Bari, Emergency and Organ Transplantation, Bari, ITALY.

- **SP621**
  PROGNOSTIC VALUE OF LEFT ATRIAL VOLUME IN ESKF PATIENTS
  Giovanni Tripepi, Graziella D’Arrigo, Carmine Zoccali, Francesca Mallamaci, CNR-IFC, Research Unit Reggio Calabria, Reggio Calabria, ITALY.

- **SP622**
  HOW DO SOCIAL SUPPORT AND SOCIAL INTEGRATION DIFFER IN EARLY STAGE PERITONEAL VS. HEMODIALYSIS PATIENTS?
  Denise Neumann1, Juliane Lamprecht1, Maxi Robinski1, Wilfried Mau1, Matthias Girndt2, 1Martin Luther Univ Halle-Wittenberg, Medical Fac, Inst Rehabilitation Medicine, Halle (Saale), GERMANY, 2Martin Luther Univ Halle-Wittenberg, Medical Fac, Dept Internal Medicine II, Halle (Saale), GERMANY.

- **SP623**
  ASSOCIATIONS OF COPING STRATEGIES WITH QUALITY OF LIFE, DEPRESSION AND MORTALITY AMONG HEMODIALYSIS PATIENTS IN THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)
  Elodie Speyer1, Morgenstern Hal2,3, Peter G. Kerr4, Antonio Lopez5, Hugh Rayner6, Francesca Tentori1, Bruce M. Robinson1, Ronald L. Pisoni1, 1Arbor Research Collaborative For Health, DOPPS, Ann Arbor, MI, 2School Public Health, Dept Epidemiology and Environmental Health Sciences, Ann Arbor, MI, 3School School, Univ Michigan, Dept Urology, Ann Arbor, MI, 4Monash Health & Monash Univ, Monash Health & Monash Univ, Clayton, AUSTRALIA, 5Fac Medicina Bahia, Univ Federal Bahia, Salvador, BRAZIL, 6Birmingham Heartlands Hosp, Birmingham, UK.

- **SP624**
  PERIODONTITIS AND EARLY MORTALITY AMONG ADULTS TREATED WITH HEMODIALYSIS: A MULTINATIONAL PROPENSITY-MATCHED COHORT STUDY
  Marinella Ruospo1,2, Suetonia C. Palmer3, Patrizia Natale1, Valeria Saglimbene1,4, Marietta Török1, Jörgen Hegasbrandt1, Jonathan C. Craig2, Giovanni F. M. Strippoli1,5,4, on behalf of the ORAL-D Study Investigators, 1Diaferum, Medical Scientific Office, Lund, SWEDEN, 2Amedeo Avogadro Univ Eastern Piedmont, Translational Medicine, Novara, ITALY, 3Univ Otago Christchurch, Medicine, Christchurch, NEW ZEALAND, 4Univ Sydney, School Public Health, Sydney, AUSTRALIA, 5Univ Bari, Emergency and Organ Transplantation, Bari, ITALY.

- **SP625**
  PREDICTING SIX MONTH MORTALITY IN ELDERLY DIALYSIS PATIENTS: A SIMPLE PROGNOSTIC SCORE
  Josefina Santos Lascasas1, Isabel Fonseca1, Jorge Malheiro1, Andreia Campos1, Pedro Oliveira2, Antonio Cabrita1, Luisa Lobato1, 1Hosp Santo António, Centro Hosp Porto, Nephrology, Porto, PORTUGAL, 2Inst Ciências Biomédicas Abel Salazar Porto (ICBAS), Univ Porto, Dept Population Studies, Porto, PORTUGAL.
SP626
A SYSTEMATIC REVIEW OF NON-PHARMACOLOGICAL INTERVENTIONS TO PROMOTE ADHERENCE TO DIETARY SALT AND FLUID INTAKE RESTRICTIONS IN END-STAGE KIDNEY DISEASE
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SP627
PRE-ESRD DEMENTIA AND POST-ESRD MORTALITY IN ADVANCED CKD PATIENTS TRANSITIONING TO DIALYSIS
Miklos Z. Molnar1,2, Keichi Sumida1, Abduzhappar Gaipov3, Praveen K. Potukuchi1, Jun Ling Lu1, Elani Streja4, Kamyar Kalantar-Zadeh4, Csaba P. Kovesdy1, 1Univ Tennessee Health Science Center, Div Nephrology, Dept Medicine, Memphis, TN, 2Semmelweis Univ, Dept Transplantation and Surgery, Budapest, HUNGARY, 3National Scientific Medical Research Center, Dept Extracorporeal Hemocorrection, Astana, KAZAKHSTAN, 4Univ California-Irvine, Div Nephrology, Dept Medicine, Orange, CA.

SP628
USING STATISTICAL ANALYSIS TOOLS TO DETECT MORTALITY CLUSTERS IN DIALYZED WOMEN
Cécile Couchoud, Nicolas Beix, Florian Bayer, Agence Biomédecine, REIN Registry, Saint Denis La Plaine, FRANCE.

SP629
METABOLICALLY ABNORMAL NON-OBESE PHENOTYPE IS SIGNIFICANTLY ASSOCIATED WITH INCREASED MORTALITY IN INCIDENT DIALYSIS PATIENTS
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SP630
FUNCTIONAL IMPAIRMENT IN HEMODIALYSIS
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SP631
A COMPARISON OF GRAFT AND PATIENT OUTCOMES FOLLOWING KIDNEY TRANSPLANTATION IN EXTENDED HOUR AND CONVENTIONAL HAEMODIALYSIS PATIENTS
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SP632
PROTON PUMP INHIBITOR USAGE, HYPOMAGNESEMIA AND RISK OF MORTALITY IN HEMODIALYSIS PATIENTS: A PROPENSITY SCORE MATCHED COHORT STUDY
Ángel L. Martín de Francisco1, Rosa Ramos2, Javier Varas2, José I. Merello2, Bernard Canaud3, Stefano Stuard4, Julio Pascual5, Pedro Aljama6, ORD Group, 1Hosp Marques de Valdecilla, Nephrology, Santander, SPAIN, 2Fresenius Medical Care España, Medical, Madrid, SPAIN, 3Fresenius Medical Care, Excellence Medical, Bad Homburg, GERMANY, 4Fresenius Medical Care, Clinical & Therapeutical Governance, Bad Homburg, GERMANY, 5Hosp del Mar, Nephrology, Barcelona, SPAIN, 6Hosp Univ Reina Sofia, Nephrology, Córdoba, SPAIN.

SP633
RED BLOOD CELL DISTRIBUTION WIDTH ASSOCIATES WITH ALL-CAUSE MORTALITY
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SP634
CHANGES IN PRACTICE ASSOCIATED WITH AN INCREASE IN RECOVERY OF KIDNEY FUNCTION IN AN ESTABLISHED HEMODIALYSIS COHORT
Nicole Williams1, Elizabeth Lindley1,2, David Keane1,3, Sarah Espiritu1, Matthew Wellberry-Smith1, Isma Kazmi1, Richard Hoefield1, 1Leeds Teaching Hosp NHS Trust, Dept Renal Medicine, Leeds, UK, 2Leeds Teaching Hosp NHS Trust, Dept Medical Physics, Leeds, UK, 3NIHR Devices Dignity, Dept Medical Imaging and Clinical Engineering, Sheffield, UK.
Posters

SP635
SINGLE-FREQUENCY AND MULTI-FREQUENCY BIOIMPEDANCE ANALYSIS: WHAT IS THE DIFFERENCE?
Serkan F. Yalin, Sibel Gulcicek, Suna Avci, Banu Erkalma Senates, Mehmet R. Altıparmak, Sinan Trabulus, Selma Alagoz, Meric Oruc, Nurhan Seyahi, Istanbul Univ, Cerrahpasa Medical Fac, Internal Medicine, Div Nephrology, Istanbul, Turkey.

SP636
VARIABILITY OF BLOOD PRESSURE ALONG DIALYSIS: RELATION WITH MORTALITY
Eduardo Baamonde Laborda, Nicanor Vega Diaz, Elena Oliva Dama, Patricia Perez Bongesn, Nestor Oliva Dama, Roberto Gallego Samper, Silvia Marrero Robaynal, Yanet Parody Lopez, Liliana Moran Caicedo, Jose Carlos Rodriguez Perez, IHosp General Univ Gran Canaria Dr. Negrín, Nephrology, Las Palmas, Spain, 2Hosp Costa del Sol, Nephrology, Malaga, Spain.

SP637
EFFECT OF DIALYSIS MODALITY ON FRAILTY PHENOTYPE, DISABILITY, AND HEALTH RELATED QUALITY OF LIFE IN MAINTENANCE DIALYSIS PATIENTS
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SP638
PREDICTING SURVIVAL OUTCOMES FOR ELDERLY PATIENTS STARTING DIALYSIS
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SP639
QUALITY OF LIFE IN OLDER PATIENTS WITH END-STAGE RENAL DISEASE: COMPARISON OF COMPREHENSIVE CONSERVATIVE CARE AND DIALYSIS
Wouter Verberne, Tom Geers, Wilbert Jellema, Jeroen Vincent, Hans van Delden, Willem Jan Bos, 1St Antonius Hosp, Nephrology, Nieuwegein, Netherlands, 2Univ Medical Center Utrecht, Julius Center Health Sciences, Utrecht, Netherlands.

SP640
PREVALENCE AND CORRELATES OF SEXUAL DYSFUNCTION IN WOMEN ON HEMODIALYSIS: A MULTINATIONAL CROSS-SECTIONAL STUDY
Valeria Saglimbene, Patrizia Natale, Suetonia C. Palmer, Marinella Ruospo, Jonathan C. Craig, Letizia Gargano, Marietta Torok, Eduardo Celia, Ruben Gelfman, Anna Bednarek-Skubieska, Jan Dulawa, Paul Stroumsa, Miguel Leal, Domingo Del Castillo, Marco Murgo, Jorgen Hegbrant, Charlotte Wollheim, Giovanni F. M. Strippoli, on behalf of the CDS Investigators, 1Diaverum, Medical Scientific Office, Lund, Sweden, 2Univ Sydney, School Public Health, Sydney, Australia, 3Univ Otago Christchurch, Medicine, Christchurch, New Zealand, 4Amedeo Avogadro Univ Eastern Piedmont, Translational Medicine, Novara, Italy, 5Univ Bari, Emergency and Organ Transplantation, Bari, Italy.

SP641
ASSESSING QUALITY OF LIFE AND ITS PREDICTORS IN CAREGIVERS OF HEMODIALYSIS PATIENT USING THE WHOQOL-BREF QUESTIONNAIRE
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SP642
THE UREA KINETIC MODELLING IS THE KEYSSTONE FOR CONDUCTING A RANDOMIZED CONTROLLED TRIAL ON INCREMENTAL HEMODIALYSIS
Francesco G. Casino, Carlo Basile, Miulli General Hosp, Clinical Research Branch, Div Nephrology, Acquaviva delle Fonti, Italy.

SP643
DIFFERENT DIAGNOSTIC AND PROGNOSTIC POWER OF ALL CAUSES AND CARDIOVASCULAR MORTALITY BETWEEN PHOSPHORUS AND C-ReACTIVE PROTEIN
Luciano De Paola, Marco Vatrano, Giuseppe Coppolino, Cinzia Donato, Maria Teresa Panzino, Giuseppina D’Onofrio, Salvatore Chiarella, Antonio Panzino, Salvatore Mileti, Angela Rosa Pinciaroli, A.O. Pugliese-Ciaccio, Medicine, Catanzaro, Italy, 2AO Pugliese-Ciaccio Catanzaro, SOC Cardiology and ICU, Catanzaro, Italy, 3AO Pugliese-Ciaccio Catanzaro, Nephrology, Catanzaro, Italy.

SP644
RELATIONSHIP BETWEEN SERUM URIC ACID AND MORTALITY IN KOREAN HEMODIALYSIS PATIENTS RESULTS FROM END-STAGE RENAL DISEASE REGISTRY
Chang Seong Kim, Minah Kim, Hong Sang Choi, Ha Yeon Kim, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, South Korea.
SP645
DIALYSIS PARTICULARITIES BETWEEN TWO EAST (LA REUNION) AND WEST (SENEGAL) AFRICAN DIALYSIS CENTERS IN A SIX MONTHS PERIOD: A RETROSPECTIVE STUDY
Serban Ardeleanu1,2, Mohamed Dabahab3, Univ Medicine and Pharmacy Iasi, Nephrology, Iasi, ROMANIA, 2AURAR St Louis Center Dialysis, Nephrology, St Louis, Réunion, 3Touba Dialysis Center, Nephrology, Touba, SENEGAL.

SP646
NUTRITIONAL STATUS AND QUALITY OF LIFE IN END STAGE RENAL DISEASE PATIENTS UNDERGOING HEMODIALYSIS IN INDONESIA
Kalis Waren, Prio Wibisono, Karunia V. Japar, Akhil D. Vatvani, Denny Hartanto, Theo A. Yanto, Univ Pelita Harapan, Fac Medicine, Tangerang, INDONESIA.

SP647
EVALUATION OF GERIATRIC PATIENTS UNDERWENT EMERGENCY HEMODIALYSIS IN A TERTIARY CARE HOSPITAL
Zeynep Toker Dincer, Mevlut Tamer Dincer, Serkan Feyyaz Yalin, Sinan Trabulus, Nurhan Seyahi, Mehmet Riza Altıparmak, Cerrahpasa Medical Fac, Internal Medicine/Nephrology, Istanbul, TURKEY.

SP648
RISK FACTORS OF TUBERCULOSIS IN THE PATIENTS WITH HEMODIALYSIS
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SP649
CHARACTERISTICS AND OUTCOME OF MIGRANT PATIENTS WITHOUT A STABLE RESIDENT STATUS STARTING HEMODIALYSIS IN A SWISS UNIV HOSP

SP650
CHOOSING HOME HEMODIALYSIS: A CRITICAL REVIEW OF THE EFFECT ON OUTCOMES
Monica A. Timmerman1,2, Dixie-Ann Sawin1, Jeeseon Kim1, Rainer Himmele1, 1Fresenius Medical Care North America, Medical Information and Communication, Charlotte, NC, 2Wingle Univ, School Pharmacy, Wingate, NC.

SP651
ANXIETY AND DEPRESSION IN END STAGE RENAL DISEASE PATIENTS AND ITS ASSOCIATION WITH CLINICAL AND LABORATORY DATA
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SP652
DIALYSIS SCHEDULE AND DAY-OF-WEEK MORTALITY IN A NATIONAL DIALYSIS COHORT
Connie M. Rhee1, Amy You1, Elani Streja1, Rajnish Mehrotra2, Matthew Rivara2, Yoshitsugu Obi1, Csaba Kovessy3, Kamyar Kalantar-Zadeh1, 1Univ California Irvine, Nephrology, Orange, CA, 2Univ Washington, Nephrology, Seattle, WA, 3Univ Tennessee Health Science Center, Nephrology, Memphis, TN.

SP653
A NEW METHOD TO PREDICT SURVIVAL IN HEMODIALYSIS PATIENTS IMPEDANCE RATIO
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SP654
LOW POSTDIALYTIC CALCIUM WOULD DETERIORATE ALL CAUSE AND CARDIOVASCULAR MORTALITY IN THE PATIENTS WITH MAINTENANCE DIALYSIS
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SP655
FLUID OVERLOAD IN HAEMODIALYSIS PATIENTS - ASSOCIATION WITH CARDIAC BIOMARKERS, NUTRITIONAL AND INFLAMMATORY STATUS
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SP656  
TIMING FOR THE FIRST ACESS AND FIRST DIALYSIS  
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SP657  
RELATIONSHIP BETWEEN VASCULAR ACCESS (VA) TRIAGE AND CLINICAL EVENTS IN HAEMODIALYSIS (HD)  
Maria Luisa Muci, Lida Tartaglione, Silverio Rotondi, Luciano Carbone, Sandro Mazzaferrro, Polo Pontino Sapienza Univ Rome, Nephrology and Dialysis Unit, ICOT Hosp, Latina, ITALY.

SP658  
DIALYSIS WITHDRAWAL: CAUSE OF MORTALITY ALONG A DECADE (2004-2014)  
Milagros Ortiz, Carmen Mon, Juan Carlos Herrero, Olimpia Ortega, Isabel Rodriguez, Ana Oliet, Maria Sanchez, Rosa Camacho, Ana Vigo, Hosp Severo Ochoa, Nephrology, Madrid, SPAIN.

SP659  
INTRADIALYTIC HYPERTENSION IN INDONESIAN END STAGE RENAL DISEASE PATIENTS: PREVALENCE AND CLINICAL CHARACTERISTICS  
Karunia V. Japar, Kalis Waren, Prio Wibisono, Akhil D. Vatvani, Pebe P. Lam, Theo A. Lemuel, 1Pelita Harapan Univ, Fac Medicine, Tangerang, INDONESIA, 2Pelita Harapan Hosp, Dept Internal Medicine, Tangerang, INDONESIA.

SP660  
VISUALIZATION OF SYMPTOMS ONTOLOGY IN MAINTENANCE HEMODIALYSIS PATIENTS  
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SP661  
SURVIVAL OF HEMODIALYSIS PATIENTS: A NEW REALITY?  

SP662  
STUDY OF RELATION OF HEPATITIS C SEROPOSITIVITY TAND THYROID DISEASES IN PREVALENT HEMODIALYSIS PATIENTS  
Mohamed A. Ibrahim, Doaa Elwasly, Ahmed Emmam, Neveen Hassan, Ain Shams Univ, Nephrology, Cairo, EGYPT.

SP663  
DOES BODY COMPOSITION INFLUENCE MORTALITY IN HEMODIALYSIS GERIATRIC PATIENTS?  
Ana Valente1, Cristina Garagarza1, Cristina Caetano1, Telma Oliveira1, Sandra Ribeiro1, Ana Paula Silva2, 1Nephrocare Portugal, Nutrition, Lisbon, PORTUGAL, 2Nephrocare Faro, Nephrology, Faro, PORTUGAL.

SP664  
ELDERLY HEMODIALYSIS PATIENTS. ARE THERE ANY SPECIAL ISSUES?  
Edina Juhász, Csaba Rikker, Renátá Gaspár, Judit Greguschik, FMC, Péterfy 1. Dialysis Center, Budapest, HUNGARY.

SP665  
SEVERE THROMBOCYTOPENIA AS A PRESENTING SIGN OF SERONEGATIVE HEPATITIS C INFECTION IN AN END-STAGE KIDNEY DISEASE PATIENT  
Younes Bathish1,2, Gai Milo2, Suheir Assady2,3, 1Ziv Medical Center, Nephrology, Zefat, ISRAEL, 2Rambam Health Care Campus, Nephrology, Haifa, ISRAEL, 3Technion, IIT, Rappaport Fac Medicine, Haifa, ISRAEL.

SP666  
ESTIMATED GFR TO EVALUATE RENAL FUNCTION IN PREDIALYSIS PATIENTS: A SHOT IN THE DARK  
DIALYSIS - NUTRITION & INFLAMMATION

SP667  TUBERCULOSIS TREATMENT IN DIALYSIS PATIENTS  
Sana Barrahi1, Hela Jebali1, Nihe’d Khouja1, Rania Khedher1, Lila Ben Fatma1, Wided Smaoui1, Madiha Krid1, Fathi Ben Hmidia2, Lamia Rais1, Mohamed Karim Zouaghi1, 1Rabta Hosp, Dept Nephrology, Dialysis and Transplantation, Tunis, TUNISIA, 2Research Lab Renal Pathology, Hosp Charles Nicolle, Tunis, TUNISIA.

SP668  BEST ABSTRACT ON GERIATRIC NephroLOGY (see page 31)  
ASSOCIATION BETWEEN NUTRITIONAL MARKERS AND MORTALITY IN ELDERLY ON HEMODIALYSIS  

SP669  RELATIONSHIP BETWEEN DEPRESSION AND MALNUTRITION-INFLAMMATION STATUS IN PATIENTS ON MAINTENANCE HEMODIALYSIS - A MULTICENTRIC STUDY  
Jasna Trbojevic-Stankovic1,2, Bratislav Andric3, Edwin Hadzibulic4, Zoran Marianovic5, Fatmir Birdjozlic4, Snezana Pesic6, Verica Djordjevic5. 1Univ Hosp Dr Dragisa Misovic, Hemodialysis, Belgrade, SERBIA, 2Univ Belgrade, School Medicine, Belgrade, SERBIA, 3General Hosp Krusevac, Nephrology and Dialysis, Krusevac, SERBIA, 4General Hosp Novi Pazar, Nephrology and Dialysis, Novi Pazar, SERBIA, 5General Hosp Stefan Visoki, Nephrology and Dialysis, Smederevska Palanka, SERBIA, 6Univ Hosp Center Zvezdara, Nephrology and Dialysis, Belgrade, SERBIA.

SP670  IN CENTER MEALS IN HEMODIALYSIS PATIENTS: EFFECTS OF PROTEIN RICH AND HIGH CALORIC OPTIONS  
Ana Valente, Cristina Caetano, Telma Oliveira, Sandra Ribeiro, Cristina Garagarza, Nephrocare Portugal, Nutrition, Lisbon, PORTUGAL.

SP671  ASSOCIATION OF HIGH LEVEL OF FERRITIN WITH HIGH-DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS UNDER HEMODIALYSIS  
Misa Ikeda1, Hirokazu Honda2, Keiko Takahashi3, Kanji Shishido4, Takanori Shibata1, 1Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, JAPAN, 2Showa Univ Koto Toyosu Hosp, Div Nephrology, Dept Medicine, Tokyo, JAPAN, 3Ktami Higashiyama Clinic, Div Dialysis, Tokyo, JAPAN, 4Kawasaki Clinic, Div Dialysis, Kawasaki, JAPAN.

SP672  VITAMIN D MODIFY THE RELATIONSHIP BETWEEN INCREASED BODY FAT MASS AND VASCULAR CALCIFICATION IN HEMODIALYSIS PATIENTS  
Jwa-Kyung Kim1, Yong Deok Jeon2, Sung Joon Moon3, Hyung Jik Kim4, Sung Gyun Kim4, 1Hallym Univ, Internal medicine, Anyang, SOUTH KOREA, 2National Medical Center, Internal Medicine & Kidney Research Inst, Seoul, SOUTH KOREA, 3International St. Mary’s Hosp, Catholic Kwandong Univ College Medicine, Internal Medicine, Incheon, SOUTH KOREA, 4Hallym Univ Sacred Heart Hosp, Internal Medicine & Kidney Research Inst, Anyang, SOUTH KOREA.

SP673  IMPLICATION OF GERIATRIC NUTRITIONAL RISK INDEX IN CHRONIC PERITONEAL DIALYSIS PATIENTS  
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SP674  THE EFFECT OF POMEGRANATE EXTRACT ON INFLAMMATORY BIOMARKERS AND NUTRITION OF HEMODIALYSIS PATIENTS  
Vahideh Yavari, Jamshid Roozbeh2, Zynab Karimi2, Mansooreh Faghihi3, Ramin Radmehr4, 1Shiraz Univ Medical Sciences, Dept Nephrology, Shiraz, IRAN, 2Shiraz Nephro-urology Research Center, Dept Nephrology, Shiraz, IRAN, 3Namazi Hosp Hemodialysis Unit, Dept Nephrology, Shiraz, IRAN, 4Faghihi Hosp Hemodialysis Unit, Dept Nephrology, Shiraz, IRAN.

SP675  CIRCULATING CELL FREE DNA AND MITOCHONDRIAL DNA IN THE PATIENTS ON HEMODIALYSIS AND MEDICAL STAFFS DURING ISOLATION BY MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS IN KOREA  
Da Wun Jeong1, Yang-Gyun Kim1, Sang-Ho Lee1, Ju Young Moon1, Yu-Ho Lee1, Kippy Kim1, Young-Ki Lee2, Ajin Cho2, Jong-Woo Yoon2, Hee Jung Jeon2, Yoo Jin Choi2, Eun Ji Bae2, Eun Yi Kim2, Chang-Hee Lee3, Kyung Don Yoo4, 1Kyoung Hee Univ College Medicine, Nephrology, Seoul, SOUTH KOREA, 2Hallym Univ College Medicine, Internal Medicine, Nephrology, Seoul, SOUTH KOREA, 3Gangneung Medical Center, Anesthesiology, Gangneung, SOUTH KOREA, 4Dongguk Univ Medical Center, Internal Medicine, Nephrology, Gyeongju, SOUTH KOREA.
Posters

SP676
THE ROLE OF AGE-RELATED T CELL DIFFERENTIATION IN DIALYSIS PATIENTS
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SP677
MUSCLE MASS ASSESSMENT BY CREATININE MODELING IMPROVES PROTEIN ENERGY WASTING
Gregoire Pasquier1, Annie Rodriguez1,2, Jean-Sebastien Souweine3, Laure Patrier4, Isabelle Ohresser2, Leila Chenine3, Helene Leray3, Marion Morena1, Georges Mourad3, Jean-Paul CRISTOL1, 1CHU Lapeyronie, Biochemistry, Montpellier, FRANCE, 2AIDER, Dialysis, Montpellier, FRANCE, 3CHU Lapeyronie, Nephrology, Montpellier, FRANCE, 4AIDER, Dialysis, Nimes, FRANCE.

SP678
BEYOND THE ORIGINAL CONCEPT OF THE TIME-AVERAGED FLUID OVERLOAD IN HEMODIALYSIS PATIENTS
Byoung-Geun Han, Jae-Won Yang, Jinsae Yoo, Jae-Seok Kim, Yonsei Univ Wonju College Medicine, Nephrology, Wonju, Kangwon, SOUTH KOREA.

SP679
PHYSICAL ACTIVITY AND MALNUTRITION INFLAMMATION COMPLEX SYNDROME CONSPIRE TO MUSCLE WEAKNESS AND ATROPHY IN HAEMODIALYSIS
Jean Sebastien Souweine1, Nils Kuster2, Leila Chenine1, Annie Rodriguez1, Laure Patrier3, Eric Badia2, Helene Leray1, Georges Mourad1, Maurice Hayot4, Moglie Le Quintrec1, Fares Gouzi4, Jean Paul Cristol2, 1Univ Hosp Montpellier, Dept Nephrology, Montpellier, FRANCE, 2Univ Hosp Montpellier, Dept Biochemistry, Montpellier, FRANCE, 3AIDER, Dept Nephrology, Montpellier, FRANCE, 4Univ Hosp Montpellier, PhyMedExp, UMR CNRS 9214, Montpellier, FRANCE.

SP680
N-3 POLYUNSATURATED FATTY ACIDS IN PLASMA PHOSPHOLIPIDS AND ADIPOSE TISSUE IN PATIENTS ON CHRONIC DIALYSIS
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SP681
DECREASE OF INFLAMMATION AND BLEEDING TIMES IN CHRONIC DIALYSIS PATIENTS BY LONG-TERM USE OF CITRATE-EINRICHED DIALYSE
Wolfgang Weiss1, Johannes Bunia2, Hartmut Wolfs3, Peter Ahrenholz4, 1MZV, Diaverum, Neubrandenburg, GERMANY, 2Dialyse-u. Apherese-Zentrum, Iserlohn, GERMANY, 3Biomedical Consulting, Biomedical Consulting, Hohen Neuendorf, GERMANY, 4BioArtProducts GmbH, Rostock, GERMANY.

SP682
RELATIONSHIP BETWEEN SERUM 25-HYDROXYVITAMIN D LEVELS AND MUSCLE STATUS IN AMBULATORY PATIENTS ON HEMODIALYSIS
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SP683
COMPARISON OF THE EFFICACY OF SIX NUTRITIONAL SCREENING TOOLS IN PREDICTING MALNUTRITION IN HEMODIALYSIS PATIENTS
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SP684
TOTAL GHRELIN AND ACYLGHRELIN DETERMINANTS IN HEMODIALYSIS PATIENTS
Crina-Claudia Rusu1, Simona Racasan2, Ina-Maria Kacso1, Diana Moldovan1, Alina Potra1, Cosmina Bondor2, Remus Orasan2, Ioan Mihai Patiu2, Cristian Budurea2, Dacian Tirinescu1, Alexandra Danu3, Dan Delean2, 1Univ Medicine and Pharmacy, Nephrology, Cluj-Napoca, ROMANIA, 2NFirmed Dialysis Center Cluj-Napoca, Dialysis, Cluj-Napoca, ROMANIA, 3NephroCare Dej, Dialysis, Dej, ROMANIA.

SP685
THE ANNUAL RATE OF CHANGE IN GERIATRIC NUTRITIONAL RISK INDEX IMPROVES THE PREDICTABILITY OF MORTALITY IN DIALYSIS PATIENTS
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SP686
THE ASSOCIATION BETWEEN UREMIC PRURITUS AND SERUM IL-31 LEVELS IN HEMODIALYSIS PATIENTS
Mehtap Kidir1, Veyesl Kidir2, Havva Kocak3, Erim Gulcan4, Nazhi Dizen Namdar1, Gulben Sarici1, Hasan Tak1, 1Dumlupinar Univ Fac Medicine, Dept Dermatology, Kütahya, TURKEY, 2Dumlupinar Univ Evliya Celebi Research and Training Hosp, Dept Nephrology, Kütahya, TURKEY, 3Dumlupinar Univ Fac Medicine, Dept Medical Biochemistry, Kütahya, TURKEY, 4Dumlupinar Univ Fac Medicine, Dept Nephrology, Kütahya, TURKEY.

SP687
HIGH CONVECTIVE VOLUME DECREASE CARDIOVASCULAR MONOCYTES IN ONLINE HEMODIAFILTERATION
Almudena Vega1, Julia Carracedo2, Rafael Ramírez3, Soraya Abad1, Nicolás Macias1, Inés Aragoncillo1, Tania Linares1, Ana García-Prieto1, José Luñol1, 1Hosp General Univ Gregorio Marañón, Nephrology, Madrid, SPAIN, 2Univ Complutense, Physiology, Madrid, SPAIN, 3Univ Alcalá, Physiology, Madrid, SPAIN.

SP688
LACK OF LINEAR RELATIONSHIP BETWEEN COMORBIDITY, NUTRITIONAL MARKERS, AND DIALYSIS EFFICIENCY IN A FRENCH AND ITALIAN COHORT OF ELDERLY, IN-HOSPITAL HEMODYALYSIS PATIENTS (CALLEIDO STUDY), NEED FOR RECONSIDERING OUR MARKERS IN HIGH COMORBIDITY POPULATIONS
Antico Fois1, Maria Rita Moio2,3, Andreea Sofronie2, Ida Molitino4, Marilisa Biocatì5, Stefania Maxia1, Gianfranca Cabiddù1, Giorgia Barbara Piccolo2,3, 1Azienda Osp Brotzu, Nefrologia e Dialisi, Cagliari, ITALY, 2Centre Hosp, Néphrologie, Le Mans, FRANCE, 3Univ Studi Torino, Osp San Luigi Gonzaga, Torino, ITALY, 4Seconda Univ Studi Napoli, Nefrologia e Dialisi, Napoli, ITALY, 5Univ Studi Torino, Dip Scienze Chirurgiche, Torino, ITALY.

SP689
STATINS, FIBRATES AND OXIDATIVE SALIVA CAPACITY IN MAINTENANCE HEMODIALYSIS PATIENTS
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SP690
COMPLEMENT AND CONTACT SYSTEM ACTIVATION DURING HEMODIALYSIS
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SP691
PREDICTING CLINICAL OUTCOMES USING PHASE ANGLE AS ASSESSED BY BIOELECTRICAL IMPEDANCE ANALYSIS IN MAINTENANCE HEMODIALYSIS PATIENTS
Eunghyun Lee, Jin Ho Hwang, Su Hyun Kim, Jung-ho Shin, Chung-Ang Univ Hosp, Internal medicine, Seoul, SOUTH KOREA.

SP692
IMPACT OF NUTRITIONAL STATUS ON SKIN AUTOFLUORESCENCE IN HEMODIALYSIS PATIENTS
Daniela Viramontes Horner, Nicholas Selby, Maarten Taal, Univ Nottingham; Royal Derby Hosp, Centre Kidney Research and Innovation, Derby, UK.

SP693
INSULIN LIKE GROWTH FACTOR 1 AS ASSESSMENT TOOLS FOR PROTEIN ENERGY WASTING IN DIFFERENT DIALYSIS MODALITIES
Hisham M. Al-Sayed, Yahya M. Makkeyah, Ezzat A. Mohamed, Ahmed N. Alghitany, Ain Shams Univ, Internal Medicine & Nephrology, Cairo, EGYPT.

SP694
TELOMERE LENGTH OF HEMODIALYSIS PATIENTS
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SP695
REDUCED OXIDATIVE STRESS IN HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM TREATED WITH CINACALCET
Piotr Kuczera1, Marcin Adamczak1, Grzegorz Machnik2, Boguslaw Okopie2, Andrzej Wisiec1, 1Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND, 2Medical Univ Silesia, Dept Internal Medicine and Clinical Pharmacology, Katowice, POLAND.
Posters

SP696
SOLUBLE TLR4 IN HEMODIALYSIS PATIENTS
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SP697
A LOW DENSITY LIPOPROTEIN APERHESIS INHIBITS OXIDATIVE STRESS AND IMPROVES ENDOTHELIAL CELL FUNCTION IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE AND END-STAGE RENAL
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SP698
PREGNANCY-ASSOCIATED PLASMA PROTEIN A2 IN HEMODIALYSIS PATIENTS: SIGNIFICANCE FOR PROGNOSIS
Marta Kalousova1, Sylvie Dusilova-Sulkova2, Ales A. Kubenai1, Oskar Zakiyanov3, Katerina Levova1, Marketa Bockova4, Erika Gedeonova4, Xue Chadtova Song4, Maria Laura Ermini4, Tomas Springer4, Jiri Homola4, Vladimir Tesar3, Tomas Zima1, 1First Fac Medicine, Charles Univ and General Univ Hosp, Inst Medical Biochemistry and Lab Diagnostics, Prague, CZECH REPUBLIC, 2Univ Hosp Hradec Kralove, Hemodialysis Centre, Hradec Kralove, CZECH REPUBLIC, 3First Fac Medicine, Charles Univ and General Univ Hosp, Dept Nephrology, Prague, CZECH REPUBLIC, 4Inst Photonics and Electronics CAS, Optical Biosensors Team, Prague, CZECH REPUBLIC.

SP699
CORRELATION BETWEEN HANDGRIP STRENGTH AND MUSCLE MASS WITH BIOCHEMICAL AND BODY COMPOSITION PARAMETERS
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SP700
MUSCLE MASS EVALUATION BY QUADRICEPS FEMORIS ULTRASOUND IN ESRD PATIENTS ON HEMODIALYSIS
Alice Sabatino1, Chiara Cantarelli1, Tommaso di Motta1, Sarah Pioli2, Giulia Grassi3, Roberto Bigazzi3, Stefano Bionchi3, Sara Samoni3, Franco Schito2, Valentina Batini3, Giuseppe Regolisti1, Enrico Fiaccadori1, 1Parma Univ Hosp, Medical School, Parma, ITALY, 2ASL Parma, Dialysis Unit, Parma, ITALY, 3ASL Livorno, Nephrology and Dialysis Unit, Livorno, ITALY.

SP701
INFLUENCE OF A STRENGTH AND INTRADIALYTIC RESISTANCE PROGRAM IN A VERY LOW-INCOME POPULATION RECEIVING HEMODIALYSIS
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SP702
ROLE OF INFLAMMATION IN MALNUTRITION AND COGNITIVE IMPAIRMENT IN DIALYSIS PATIENTS
Benedetta Aquino, Martina Bonofiglio, Danilo Lofaro, Agata Mollica, Paolo Gigliotti, Pierangela Presta, Francesca Leone, Anna Perri, Donatella Vizza, Antonella La Russa, Renzo Bonofiglio, Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

SP703
IMPACT OF SARCOPENIA ON LONG-TERM MORTALITY AND CARDIOVASCULAR EVENTS IN PATIENTS UNDERGOING HEMODIALYSIS
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SP704
ALKALOSIS A GOOD MARKER OF CACHEXIA AND MORTALITY IN HEMODIALYSIS
Carmen Mon, Milagros Ortiz, Juan Carlos Herrero, Cristina Di Gioia, Olimpia Ortega, Paloma Gallar, Isabel Rodriguez, Aniana Ollet, Maria Sanchez, Rosa Camacho, Zsofia Baranyi, Ana Vigil, Hosp Severo Ochoa, Nephrology, Madrid, SPAIN.
SP705
EFFECT OF LACTOBACILLUS RHAMNOSUS ON SERUM UREMIC TOXINS IN HEMODIALYSIS PATIENTS
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SP706
IS REPORTED FISH INTAKE REFLECTED IN THE PLASMA PHOSPHOLIPID CONTENT OF MARINE N-3 POLYUNSATURATED FATTY ACIDS IN PATIENTS WITH END STAGE RENAL DISEASE?
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SP707
END-DIALYSIS OVERWEIGHT AND CHRONIC INFLAMMATION: A DANGEROUS CONNECTION
Ezio Movii1, Corrado Camerini2, Paola Gaggia2, Roberto Zubani2, Elisabetta Marta2, Giovanni Cancarini2, 1UO Nephrology Spedali Civili and Univ Brescia, ASST Spedali Civili and Univ Brescia, Brescia, ITALY, 2UO Nephrology, ASST Spedali Civili and Univ Brescia, Brescia, ITALY.

SP708
PROINFLAMMATORY MONOCYTES IS ASSOCIATED WITH MORTALITY IN HEMODIALYSIS PATIENTS
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SP709
SERUM NT-PROBNP, ACYLGHRELIN, DESACYLGHRELIN, OBESTATIN, AND FATTY ACID BINDING PROTEIN 4 LEVELS IN HEMODIALYSIS PATIENT
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SP710
NUTRITIONAL STATUS AND IMPACT ON MORTALITY IN HEMODIALYSIS PATIENTS
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SP711
DETERMINANTS OF MALNUTRITION-INFLAMMATION COMPLEX SYNDROME AMONG END STAGE RENAL DISEASE PATIENTS
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SP712
A MALNUTRITION-INFLAMMATION SCORE IS CORRELATED WITH MORTALITY IN HEMODIALYSIS PATIENTS
Yanet Parodis Lopez1, Nery Sablon Gonzalez1, Yaiza Rodriguez Vela1, Liliana Moran Caicedo1, Francisco Javier Rodriguez Esparragon2, Jesus Maria Gonzalez Martin2, Noel Lorenzo Villalba3, Elena Oliva1, Eduardo Baamonde Laborda1, Jose Carlos Rodriguez Perez1, 1Dr. Negrin Hosp, Nephrology, Las Palmas de Gran Canarias, SPAIN, 2Dr. Negrin Hosp, Investigation Unit, Las Palmas de Gran Canarias, SPAIN, 3Centre Hosp Saint Cyr, Internal Medicine, FRANCE.

SP713
BLOOD FLOW RATE DURING HEMODIALYSIS AFFECTS MALNUTRITION-INFLAMMATION SCORE IN CHRONIC KIDNEY DISEASE PATIENTS
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SP714 SHEAR WAVE ELASTOGRAPHY IN KIDNEY TRANSPLANTATION: NONINVASIVE ALTERNATIVE TO ALLOGRAFT BIOPSY?
Anna Laura Croci Chiocchini1, Camilla Sportoletti2, Stefano Brocchi2, Giorgia Comai1, Paolo Ferdinando Brunolo2, Fabio Conti3, Carla Serra4, Maurizio Zompator2, Gaetano La Manna1, 1Univ Bologna, Experimental Diagnostic and Specialty Medicine, Nephrology, Dialysis and Renal Transplant Unit, Bologna, ITALY, 2Univ Bologna, Dept Radiology, Bologna, ITALY, 3Univ Bologna, Medical and Surgical Science Dept, Bologna, ITALY, 4Univ Bologna, Organ Insufficiency and Transplant Dept, Bologna, ITALY.

SP715 OMEGA3 ATTENUATES ISCHEMIA REPERFUSION RENAL INJURY VIA ENHANCEMENT OF AUTOPHAGY FLUX
Jwa-Jin Kim1, Jin Young Jeong2, Dae Eun Choi3, Ki-Ryang Na3, Kang Wook Lee3, 1Chungnam National Univ, Anatomymy, Daejeon, SOUTH KOREA, 2Chungnam National Univ, Dept Medical Science, Daejeon, SOUTH KOREA, 3Chungnam National Univ, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA.

SP716 THE LEVEL OF INTRACELLULAR TACROLIMUS IS AFFECTED BY INFLAMMATION TRIGGERED BY CD44+ABCB1+ ACTIVITIES
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SP717 EFFECT OF UNILATERAL NEPRECHTOMY ON URINARY ANGIOTENSINOGEN LEVELS IN LIVING KIDNEY DONORS: 1 YEAR FOLLOW UP STUDY
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SP718 GRANZYME B POSITIVE CYTOTOXIC-T CELLS ARE ASSOCIATED WITH CHRONIC ACTIVE ANTIBODY MEDIATED REJECTION
Narayan Prasad1, Brijesh Yadav, Vikas Agrawal2, Vinita Agrawal, Manoj Jain3, 1Sanjay Gandhi Postgraduate Inst Medical Sciences, Nephrology, Lucknow, INDIA, 2SGPGIMS, Nephrology, Lucknow, INDIA, 3SGPGIMS, Pathology, Lucknow, INDIA.

SP719 IMPAIRED CELLULAR IMMUNITY PREDISPOSES KIDNEY TRANSPLANT RECIPIENTS TO THE DEVELOPMENT OF CANCER
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SP720 STRATIFICATION OF KIDNEY TRANSPLANTAT RECIPIENTS INTO THOSE WITH LOW AND HIGH ALLOGENIC T-CELLS MAY ALLOW SAFE CONVERSION TO mTOR-INHIBITOR-BASED IMMUNOSUPPRESSION
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SP721 IDENTIFICATION OF URINARY BIOMARKERS FOR CHRONIC ALLOGRAFT NEPHROPATHY USING PROTEOMIC METHODS
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SP722 B CELL CLUSTERS IN T CELL MEDIATED ACUTE KIDNEY ALLOGRAFT REJECTION IN MAN AND MICE
Faikah Gueler1, Jan Hinrich Bram2, Song Rong1,3, Wilfried Gwinner1, Flavia Wehler1, Anja Thorenz1, Beina Teng1, von Vietinghoff1 Sybille1, Hermann Haller1, Michael Menge1, Mario Schiffer1, Lena Schiffer1, 1Medical School Hannover, Nephrology, Hannover, GERMANY, 2Medical School Hannover, Pathology, Hannover, GERMANY, 3Zunyi Medical College, Transplantation Center Affiliated Hosp, Hannover, CHINA, 4Univ Alberta, Lab Medicine & Pathology, Edmonton, AB, CANADA.
SP723

EXPRESSION OF CXCR3 MONOCYTES INCREASES SIGNIFICANTLY IN THE GRAFT BLOOD COMPARED TO PERIPHERAL BLOOD IN PATIENTS WITH STABLE RENAL FUNCTION

Abelardo Caballero1, Pedro Ruiz-Esteban2, Eulalia Palma2, Alberto Torio3, Mercedes Cabello2, Veronica Lopez2, Ana Duarte2, Teresa Vazquez2, Domingo Hernandez2, 1Regional Univ Hosp Malaga and Univ Malaga, IBIMA, REDINREN (RD16/0009/0006), Immunology, Malaga, SPAIN, 2Regional Univ Hosp Malaga and Univ Malaga, IBIMA, REDINREN (RD16/0009/0006), Nephrology, Malaga, SPAIN, 3Complejo Hosp General Univ Albacete, Immunology, Albacete, SPAIN.
RENAL TRANSPLANTATION - EPIDEMIOLOGY & OUTCOME I

SP724
THE NEW KIDNEY ALLOCATION SYSTEM IN FRANCE: RESULTS 21 MONTHS BEFORE AND AFTER ITS IMPLEMENTATION
Christian Jacquelinet1,2, Benoît Audry1, Florian Bayer1, Marie-Alice Macher1, 1Agence Biomédecine, Direction médicale et scientifique, Saint Denis la Plaine, FRANCE, 2CESP Inserm, Univ Paris-Sud, UVSQ, Univ Paris-Saclay, France, U1018, Renal and Cardiovascular Epidemiology, Villejuif, FRANCE.

SP725
VALIDATION OF THE RISK INDEX FOR LIVING DONOR KIDNEY TRANSPLANTATION (LKDPI) IN A EUROPEAN COHORT
Oliver Staeck, Gregor Rehse, Dmytro Khadzhynov, Lukas Lehner, Michael Duerr, Eva Schrezenmeier, Klemens Budde, Fabian Halleck, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY.

SP726
INCIDENCE, RISK FACTORS AND OUTCOMES OF STROKE IN SCOTLAND’S RENAL TRANSPLANT RECIPIENTS
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SP727
BEST ABSTRACT ON GERIATRIC NEPHROLOGY (see page 31)
VERY HIGH KDPI KIDNEYS IN ELDERLY TRANSPLANT RECIPIENTS - NO NEED TO DISCARD
Fabian Halleck, Dmytro Khadzhynov, Gregor Rehse, Lukas Lehner, Eva Schrezenmeier, Michael Dürr, Klemens Budde, Oliver Staeck, Charité Campus Mitte, Nephrology, Berlin, GERMANY.

SP728
NON-WHITE DONORS AND KIDNEY TRANSPLANT OUTCOMES: A POPULATION COHORT STUDY
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SP729
KIDNEYS FROM DECEASED DONORS AGED OVER 80 YEARS ARE USEFUL FOR KIDNEY TRANSPLANTATION
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SP730
THE EFFECT OF DELAYED GRAFT FUNCTION ON LONG TERM GRAFT SURVIVAL STRATIFIED BY KDPI BASED DONOR KIDNEY QUALITY CATEGORIES
Lukas J. Lehner, Fabian Halleck, Dmytro Khadzhynov, Eva Schrezenmeier, Klemens Budde, Oliver Staeck, Charité Universitätsmedizin Berlin, Dept Nephrology Campus Charité Mitte, Berlin, GERMANY.

SP731
C-TERMINAL FIBROBLAST GROWTH FACTOR 23 DETERMINES IRON DEFICIENCY-ASSOCIATED RISK OF MORTALITY IN RENAL TRANSPLANT RECIPIENTS
Michele F. Eisenga1, Marco Van Londen1, David E. Leaf2, Gerjan J. Navis1, Stephan J. Bakker1, Martin H. De Borst1, Carla A. Gaillard1, 1Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS, 2Brigham and Women’s Hosp, Renal Medicine, Boston, MA.

SP732
GRAFT LOSS FROM ANTI GLOMERULAR BASAL MEMBRANE NEPHRITIS: A RARE EVENT IN ALPORT SYNDROME, EVEN WITH A SEVERE MUTATION
Valentine Gillion1, Karin Dahan2, Eric Geoffrin1, Jean-Pierre Cosyns3, Michel Jadoul1, Martine De Meyer4, Michel Mourad4, Yves Pirson1, Nada Kanaan1, 1Cliniques Univ Saint-Luc, Nephrology, Brussels, BELGIUM, 2Inst Pathology and Genetics, Genetics, Gosselies, BELGIUM, 3Cliniques Univ Saint-Luc, Anatomopathology, Brussels, BELGIUM, 4Cliniques Univ Saint-Luc, Surgery and Abdominal Transplantation, Brussels, BELGIUM.

SP733
DIAGNOSIS OF ANTIBODY-MEDIATED REJECTION: COMPLEMENT-BINDING DSA VS. DSA MFI INTENSITY
Marta Crespo1, Dolores Redondo1, Maria José Pérez-Sáez1, Javier Gimeno2, Carme García3, Marisa Mrl1, Juan Jose Hernández3, Julio Pascual1, 1Hosp del Mar, Nephrology, Barcelona, SPAIN, 2Hosp del Mar, Pathology, Barcelona, SPAIN, 3Reference Lab, Immunology, Barcelona, SPAIN.
SP734

THE BREADTH AND CONSISTENCY OF OUTCOMES REPORTED IN RANDOMISED TRIALS CONDUCTED IN ADULT KIDNEY TRANSPLANT RECIPIENTS

Bénédicte Sautenet1, Allison Tong2, Jeremy R. Chapman3, Anthony N. Warrens4, David L. Rosenbloom5, Germaine Wong3, John Gill6, Klemens Budde7, Lionel Rostaing8, Lorna Marsor9, Michelle A. Josephson10, Peter P. Reese11, Timothy L. Pruett12, Nicole Evangelidis2, Jonathan C. Craig2, 1CHU Bretonneau, Nephrology and Clinical Immunology, Tours, FRANCE, 2Children’s Hosp Westmead, Centre Kidney Research, Westmead, AUSTRALIA, 3Westmead Hosp, Centre Transplant and Renal Research, Westmead, AUSTRALIA, 4Queen Mary Univ London, School Medicine and Dentistry, London, UK, 5ESRD Network 18, ESRD Network 18, Los Angeles, CA, 6Univ British Columbia, Div Nephrology, Vancouver, BC, CANADA, 7Charité Universitätsmedizin, Dept Nephrology, Berlin, GERMANY, 8Clique Univ Nephrologie, CHU Michallon, Grenoble, FRANCE, 9Univ Edinburgh, Transplant Unit, Edinburgh, UK, 10Univ Chicago, Dept Medicine, Chicago, IL, 11Univ Pennsylvania Perelman School Medicine, Renal Div, Philadelphia, PA, 12Univ Minnesota, Dept Surgery, Minneapolis, MN.

SP735

OLDER ADULTS: THE RACE OF TWO RISKS - TRANSPLANTATION VERSUS TIME IN THE “WAITING LIST”. HOW CAN A COMPROMISE BE FOUND?

Aleksei Zulkarnaev, Andrey Vatazin, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, RUSSIAN FEDERATION.

SP736

CCR4HIGHCD4+ CELL POPULATIONS IN KIDNEY GRAFT BLOOD AFTER STEROID WITHDRAWAL: A PROSPECTIVE, RANDOMIZED, CONTROLLED, PARALLEL GROUP STUDY. PRELIMINARY RESULTS

Juana Alonso-Titos1, Pedro Ruiz-Esteban1, Eulalia Palma1, Abelardo Caballero2, Veronica Lopez1, Eugenia Sola1, Mercedes Cabello1, Teresa Vazquez1, Ana Duarte1, Cristina Jironda1, Domingo Hernandez1, 1Regional Univ Hosp, IBIMA, Univ Malaga, REDinREN (RD16/0009/0006), Nephrology, Malaga, SPAIN, 2Regional Univ Hosp, IBIMA, Univ Malaga, REDinREN (RD16/0009/0006), Immunology, Malaga, SPAIN.

SP737

IMPACT OF BODY MASS INDEX AND WAIST CIRCUMFERENCE IN KIDNEY TRANSPLANT RECIPIENTS

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SP738

MUSCLE MASS IS PREDICTIVE OF MORTALITY IN OBESE RENAL TRANSPLANT PATIENTS

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SP739

CAN WE TRUST IN ESTIMATED GFR DECLINE IN RENAL TRANSPLANTATION? THE NEPHROLOGIST IN THE MIST

Sergio Luis-Lima1, Domingo Marrero-Miranda1, Ana Gonzalez-Rinne1, Armando Torres1, Natalia Negrín-Mena1, Alejandra Gonzalez-Delgado2, Laura Diaz-Martín1, Federico Gonzalez-Rinne1, Esteban Porrini3, 1Hosp Univ Canarias, Nephrology, La Laguna, SPAIN, 2Hosp Univ Canarias, Central Lab, La Laguna, SPAIN, 3Univ la Laguna, ITB, La Laguna, SPAIN.

SP740

LYMPHOCELES IN KIDNEY TRANSPLANT RECIPIENTS: INCIDENCE, RISK FACTORS AND IMPACT ON LONG-TERM OUTCOMES

Lukas J. Lehner, Arnim Holbberger, Llisanne Marschke, Tanja M. Flaig, Fabian Halleck, Dmytro Khadzhynov, Klemens Budde, Oliver Staeck, Charité Universitätsmedizin Berlin, Dept Nephrology Campus Charité Mitte, Berlin, GERMANY.

SP741

LEFT VENTRICULAR HYPERTROPHY AS PROGNOSTIC FACTOR AFTER KIDNEY TRANSPLANTATION. SIZE MATTERS MORE THAN PATTERNS

Edoardo Mellili1, Manonelles Anna1, Alejandro Ruiz-Majoral2, Miquel Sanchez-Corral2, Ariel Tango1, Nuria Montero1, Maria Quero1, Oriol Bestard1, Josepmaria Cruzado1, Eduard Claver1, 1Bellvitge Univ Hosp, Renal Transplantation Unit, Barcelona, SPAIN, 2Bellvitge Univ Hosp, Cardiology, Barcelona, SPAIN.

SP742

ENDOSCOPIC ULTRASOUND GUIDED BIOPSY SAMPLING OF THE PANCREAS TRANSPLANT- THE FUTURE OF GRAFT SURVEILLANCE?

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Posters

SP743
COMPARISON OF THE EFFECT OF ANASTOMOSIS TYPE ON EARLY GRAFT FUNCTIONS AND COMPLICATIONS IN KIDNEY TRANSPLANT PATIENTS WITH MULTIPLE ARTERIES
Aykut Sönmez1, Yakup Kordan1, Onur Kaygısız1, Burhan Coşkun1, Hakan Vuruşkan1, Abdülmeclit Yıldız2, Ayselgül Oruç2, Yavuz Ayar2, Mehmet Fethullah Aydin2, Alparslan Ersoy2, 1Uludağ Univ Medical Fac, Dept Urology, Bursa, TURKEY, 2Uludağ Univ Medical Fac, Dept Nephrology, Bursa, TURKEY.

SP744
THE EUROPEAN NETWORK FOR COLLABORATION ON KIDNEY EXCHANGE PROGRAMS (ENCKEP) IS ON TRACK
Christian Jacquelinet1, Rita Fleiner2, Peter Biró3, Lisa Burnapp4, Bernadette Hasse5, Paolo Tubertini6, Jiri Fronek7, Xeniya Klimentova8, Ana Viana9, David Manlove10, Joris Van De Klundert11, on behalf the ENCKEP study group, 1Agence Biomedecine, Direction médicale et scientifique, Saint Denis la Plaine, FRANCE, 2Oduba Univ, Neumann Fac Informatics, Budapest, HUNGARY, 3Inst Economics, Research Centre Economic and Regional Studies, Budapest, HUNGARY, 4NHSBT, Living Donation, Bristol, UK, 5Nederlandse Transplantatie Stichting, Leiden, NETHERLANDS, 6Univ Bologna, Dip Energia Elettrica e Informazione, Bologna, ITALY, 7Inst Clinical and Experimental Medicine, Prague, CZECH REPUBLIC, 8Inst Systems and Computer Engineering, Porto, PORTUGAL, 9Inst Engenharia Sistemas e Computadores, Tecnologia e Ciência, Porto, PORTUGAL, 10Univ Glasgow, School Computing Science, Glasgow, UK, 11Erasmus Univ Rotterdam, Inst Health Policy & Management, Rotterdam, NETHERLANDS.

SP745
INFLUENCE OF HIP POSITION ON OXYGENATION OF RENAL TRANSPLANTS AS MEASURED BY FUNCTIONAL MRI METHODS-THE BENT KNEE STUDY
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SP746
NEPHRECTOMY OF THE FAILED FIRST KIDNEY ALLOGRAFT PREDISPOSES KIDNEY TRANSPLANT RECIPIENTS TO PRESENSITIZATION WITH ALLOREACTIVE T-CELLS AND INFERIOR ALLOGRAFT SURVIVAL AFTER RETRANSPANTATION
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SP747
DELAYED GRAFT FUNCTION IN LIVE RELATED RENAL TRANSPLANT
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SP748
RISK FACTORS AND PREVALENCE OF HYPOMAGNESEMIA IN KIDNEY TRANSPLANTATION
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SP749
IMMUNOSUPPRESSIVE TREATMENT WITH MYCOPHENOLIC ACID IS NOT ASSOCIATED WITH MALFORMATIONS IN THE OFFSPRING OF MALES AFTER KIDNEY TRANSPLANTATION
Isabel Lopez-Lopez1, Cristian Rodelo-Haad1,2, Maria Luisa Agüera-Morales1,2, María Dolores Navarro1,2, Alberto Rodríguez-Benito1,2, Pedro Aljama1,2, 1Reina Sofia Univ Hosp, Nephrology, Cordoba, SPAIN, 22Maimonides Biomedical Research Inst Cordoba (IMIBIC)/Reina Sofia Univ Hosp/Univ Cordoba, Nephrology, Cordoba, SPAIN.

SP750
RENA L CELL CARCINOMA IN KIDNEY TRANSPLANT RECIPIENTS - INCIDENCE RATES AND CLINICAL COURSE
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SP751
KIDNEY TRANSPLANTATION OUTCOMES STRATIFIED BY AGE: A CONTEMPORARY POPULATION COHORT ANALYSIS USING NATIONAL REGISTRY DATA
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SP752
CARD8 POLYMORPHISM PREDICT URINARY TRACT INFECTION ONSET AFTER RENAL TRANSPLANTATION
Francesca Leone, Paolo Gigliotti, Antonella La Russa, Martina Bonofiglio, Danilo Lofaro, Anna Perri, Donatella Vizza, Simona Lupinacci, Giuseppina Toteda, Pierangela Presta, Roberta Talarico, Renzo Bonofiglio, Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

SP753
OUTCOMES IN RENAL TRANSPLANT RECIPIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS: A SINGLE CENTER EXPERIENCE
Ana Castro, Vanda Guardado, Jorge Malheiro, La Salete Martins, Manuela Almeida, Sofia Pedroso, Leonidio Dias, António Castro Henriques, António Cabrita, Oporto Hosp Center, Nephrology and Transplantation Dept, Oporto, PORTUGAL.

SP754
IS THERE A LONG TERM RISK FOR DONORS WITH HETEROZYGOUS MEFV MUTATION AFTER KIDNEY DONATION?
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SP755
IMPACT OF CYTOMEGALOVIRUS INFECTION ON LONG-TERM ALLOGRAFT FUNCTION AND SURVIVAL IN RENAL TRANSPLANT RECIPIENTS
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SP756
RISK FACTORS FOR NEW-ONSET DIABETES IN KIDNEY TRANSPLANT RECIPIENTS
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SP757
LONGITUDINAL EVALUATION OF CLASSIC AND NOVEL ECHOCARDIOGRAPHIC INDICES OF LEFT VENTRICULAR FUNCTION AFTER KIDNEY TRANSPLANTATION
Lampros Lakkas1, Evangelia Ntounoussi2, Aris Bechlioulis1, Anila Dun2, Ioannis Gkirdis1, Charalampos Pappas2, Katerina N. Nakai, Lampros K. Michalis1, 1Univ Ioannina, Second Cardiology, Ioannina, GREECE, 2Univ Ioannina, Nephrology and Renal Transplant Unit, Ioannina, GREECE.

SP758
IMMUNOPHENOTYPIC PROFILE AND CLINICAL OUTCOME OF MONOCLONAL B-CELL LYMPHOCYTOSIS (MBL) IN KIDNEY TRANSPLANTATION
Gaetano Alfano1, Francesco Fontana1, Elisabetta Colaci2, Andrea Messerottii1, Leonardo Potenza2, Mario Luppiz1, Gianni Cappelli1, 1Policlinico Modena, Nephrology, Modena, ITALY, 2Policlinico Modena, Hematology, Modena, ITALY.

SP759
RISK DETERMINANTS OF SOLID ORGAN CANCER AFTER KIDNEY TRANSPLANTATION
Anna Buxeda, Dolores Redondo, Maria José Pérez, Álvaro Bartolomé, Marisa Mir, Ana Pascual, Ana Sans, Marta Crespo, Julio Pascual, Hosp del Mar, Barcelona, SPAIN.

SP760
THE EFFECT OF RENAL ARTERIAL ANASTOMOSIS TECHNIQUES ON THE DEVELOPMENT OF COMPLICATIONS AND GRAFT DYSFUNCTION IN RECIPIENTS AFTER KIDNEY TRANSPLANTATION
Feyzi Mutlu Kana1, Yakup Kordan1, Onur Kaygisiz1, Burhan Coskun1, Hakan Vuruskan1, Aysegul Orcu2, Abdulmeit Yildizi2, Yavuz Ayar1, Alparslan Ersoy2, 1Uludag Univ Medical Fac, Urology, Bursa, TURKEY, 2Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY.

SP761
URINARY CONCENTRATION ABILITY IN KIDNEY TRANSPLANT PATIENTS AS PREDICTOR FOR CKD
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SP762
LONG TERM EVOLUTION OF THE MINERAL METABOLISM AFTER RENAL TRANSPLANTATION
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SP763
THE EFFECT OF ANGIOTENSIN RECEPTOR TYPE ONE ANTIBODY ON ALLOGRAFT FUNCTION
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SP764
TELL ME YOUR WEIGHT BEFORE RENAL TRANSPLANT AND I’LL TELL YOU THE RISKS
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SP765
SURVIVAL OF LUPUS NEPHRITIS IN RENAL TRANSPLANTATION IN MÁLAGA
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SP766
LEVEL OF TACROLIMUS AND CLINICAL OUTCOMES IN RENAL TRANSPLANT RECIPIENTS IN A SINGLE CENTER. LIMA PERU
Giannina Bazan, Carmen Berrios, Evelyn Castañeda, María Chambi, Cesar Cruzalegui, Jungmei Galvez, Martín Gomez, Rodolfo Mendoza, Augusto Nakachi, Esté Sifuentes, Heinrich Soto, Hosp Rebagliati Essalud, Lima, PERU.

SP767
PROVISION OF HIGHLY SPECIALIZED AFTERCARE BY THE TRANSPLANT CENTER STRONGLY IMPROVES PATIENT AND ALLOGRAFT SURVIVAL IN LONG-TERM FOLLOW-UP AFTER KIDNEY TRANSPLANTATION
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SP768
RISK OF ALLOGRAFT THROMBOSIS AND USE OF THROMBOPHILIA SCREEN IN HIGH RISK KIDNEY TRANSPLANT RECIPIENTS (KTRs) - A SINGLE CENTRE EXPERIENCE
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SP769
RITUXIMAB AND MTOR INHIBITORS IN POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER. IS PROGNOSIS CHANGING?
Agustín Carreño1, Esther González2, Belén Hernández3, Paola Villabón2, Natalia Polanco2, Lech Mayor2, Ana Hernández2, Luis Piccione1, Amado Andrés2, 1HU Ciudad Real, Nefrología, Ciudad Real, SPAIN, 2H. Virgen de la Victoria, hemotología, Ciudad Real, SPAIN.

SP770
FACTORS AND OUTCOME OF DELAYED GRAFT FUNCTION AFTER KIDNEY TRANSPLANTATION OVER A PERIOD OF 8 YEARS - A SINGLE CENTER STUDY
Laura Jahn1, Christiane Rüster1, Yvonne Winkler2, Marcus-Oliver Grimm2, Gunter Wolff1, Martin Busch1, 1Univ Hosp Jena, Internal Medicine III, Jena, GERMANY, 2Univ Hosp Jena, Dept Urology, Jena, GERMANY.

SP771
POST RENAL TRANSPLANTATION HYPOPHOSPHATEMIA IS ASSOCIATED WITH HIGH FGF23 LEVEL
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SP772
THE INCREASING IMPORTANCE OF ANTI-ANGIOTENSIN II TYPE 1 RECEPTOR ANTIBODIES (ANTI-AT1R) IN RENAL TRANSPLANT PATIENTS WITH DETERIORATION OF TRANSPLANT FUNCTION
Agnieszka Sas1, Mirosław Basnik1, Katarzyna Kościelska Ksaprzas2, Piotr Dionizy3, Dorota Bartoszek2, Dorota Kamińska1, Oktawia Mazanowska1, Magdalena Krajewska1, Paweł Chudoba4, Agnieszka Halon3, Maria Boratyńska1, Marián Klinger1, 1Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 2Wrocław Medical Univ, Research Lab, Wrocław, POLAND, 3Wrocław Medical Univ, Dept Pathomorphology and Oncological Cytology, Wrocław, POLAND, 4Wrocław Medical Univ, Dept General, Vascular and Transplant Surgery, Wrocław, POLAND.

SP773
HYPOACTIVE SEXUAL DESIRE DISORDERS IN FEMALE PATIENTS AFTER KIDNEY TRANSPLANTATION
Nihat Yılmaz1, Alparslan Ersoy1, Abdulmecit Yıldız1, Ayşegül Oruç1, Yavuz Ayar1, Canan Ersoy2, 1Uludag Univ Fac Medicine, Dept Nephrology, Bursa, TURKEY, 2Uludag Univ Fac Medicine, Endocrinology, Bursa, TURKEY.
RENAL TRANSPLANTATION - TREATMENT & IMMUNOSUPPRESSION

SP774
OUTCOME OF PEDIATRIC ABO-INCOMPATIBLE LIVING KIDNEY TRANSPLANTATION BETWEEN 2002 AND 2014: AN ANALYSIS OF THE JAPANESE KIDNEY TRANSPLANT REGISTRY
Motoshi Hattori1, Makiko Mieno2, Atushi Aikawa3, Shinichi Ohshima4, Seiichiro Shishido5, Kota Takahash6, Akira Hasegawa7, Norio Yoshimura8, on behalf of the Japanese Society for Clinical Renal Transplantation (JSCR), 1Tokyo Women’s Medical University, Pediatric Nephrology, Tokyo, JAPAN, 2Chiba Medical University, Medical Informatics Center/Information, Tochigi, JAPAN, 3Toho University, Nephrology, Tokyo, JAPAN, 4National Center for Geriatrics and Gerontology, President, Aichi, JAPAN, 5Toho University, Pediatric Nephrology, Tokyo, JAPAN, 6Niigata Organ Transplant Foundation, President, Niigata, JAPAN, 7Kamata Minami-guchi Kidney Clinic, President, Tokyo, JAPAN, 8Kyoto Prefectural University Medicine, Transplantation and Regenerative Surgery, Kyoto, JAPAN.

SP775
DIRECT-ACTING ANTIVIRALS IN KIDNEY TRANSPLANT RECIPIENTS WITH HEPATITIS C VIRUS INFECTION: A SPANISH MULTICENTER STUDY
M. Angel Gentil Govantes1, Carmen Gonzalez Corvillo1, Ana Sanchez Fructuoso2, Manel Perello Carrascosa3, Sofia Zarraza4, Carlos Jimenez5, Isabel Beneyto6, Alberto Rodriguez Benet7, Angel Alonso Hernandez8, Domingo Hernandez9, Antonio Franco10, Marta Crespo11, M. Auxiliadora Mazuecos12, Grupo Español Actualizacion Trasplante, 1H.U. Rocio, Kidney Transplant, Sevilla, SPAIN, 2Hospital Clinico San Carlos, Kidney Transplant, Madrid, SPAIN, 3Hospital Vall d’Hebron, Kidney Transplant, Barcelona, SPAIN, 4Hospital de Cruces, Kidney Transplant, Baracaldo, SPAIN, 5Hospital La Paz, Kidney Transplant, Madrid, SPAIN, 6Hospital La Fe, Kidney Transplant, Valencia, SPAIN, 7Hospital Reina Sofia, Kidney Transplant, Cordoba, SPAIN, 8Hospital A Coruña, Kidney Transplant, A Coruña, SPAIN, 9Hospital Carlos Haya, Kidney Transplant, Malaga, SPAIN, 10Hospital Alicante, Kidney Transplant, Alicante, SPAIN, 11Hospital Del Mar, Kidney Transplant, Barcelona, SPAIN, 12Hospital Puerta Del Mar, Kidney Transplant, Cadiz, SPAIN.

SP776
EXPANDED CRITERIA DONORS AFTER CARDIAC DEATH: AN INCREASING AND USEFUL SOURCE FOR KIDNEY TRANSPLANTATION
J Portoles1,2,3, MJ Perez-Saez1, B Sanchez-Sobrin01, D Hernandez1, ML Rodriguez-Ferrero1, F Moresol0, O Lafuente1, R Valero1, MA Mazuecos1, J Juega1, A Alonso1, C Jimenez2, A Ramos1, E Melilli1, J Pascual1, GEODAS/SENTRA Group, 1H.U. Puerta de Hierro, Nephrology, Madrid, SPAIN, 2RedinRen 016/009/009 ISCIII, Nephrology, Madrid, SPAIN, 3GEODAS/SENTRA Group, Nephrology, Madrid, SPAIN.

SP777
TAILORED IMMUNOSUPPRESSION IN DE NOVO RENAL TRANSPLANTATION BASED ON IMMUNE FUNCTION MONITORING: A RANDOMISED CONTROLLED TRIAL
Steven Van Laecke1, Wim Terryn2, Evi Nagler1, Wim Van Biesen1, Griet Glorieux1, Eva Schepers1, Raymond Vanholder1, 1Ghent University Hospital, Nephrology, Ghent, BELGIUM, 2Jan Yperman, Nephrology, Ieper, BELGIUM.

SP778
EFFECTIVENESS AND SAFETY OF SOFOSBUVIR-BASED THERAPY OF CHRONIC HEPATITIS C PATIENTS AFTER KIDNEY TRANSPLANTATION
Joanna Musialik1,2, Aureliusz Kolonko1, Katarzyna Kwiecień1, Andrzej Więcek1, 1Medical University of Silesia Katowice, Dept Nephrology, Transplantology and Internal Diseases, Katowice, POLAND, 2Medical University of Silesia Katowice, Dept Basic Medical Science, Sosnowiec, POLAND.

AVESTA STUDY- AN IRANIAN VERIFICATION OF EVEROLIMUS SUCCESS IN TRANSPLANTATION ASPECTS
Fatemeh Poor-Reza Gholi, Nooshin Dalili, Morvarid Alinezhad, Maryam Moosavi, Shahid Beheshti University Medical Sciences, Nephrology, Tehran, IRAN.

EXTENDING VALGANCICLOVIR PROPHYLAXIS IN KIDNEY TRANSPLANT RECIPIENTS IS ASSOCIATED WITH LOWER INCIDENCE OF CYTOMEGALOVIRUS INFECTION
Boštjan Bizjak1, Željka Vecerica-Haler1, Karmen Romozil1, Miha Arnol1,2, 1University Medical Centre Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA, 2Medical University of Ljubljana, Fac Medicine, Ljubljana, SLOVENIA.

THE EFFECT OF IN VITRO TACROLIMUS EXPOSURE AND PHARMACOGENETIC VARIATION ON MULTILEVEL CYPA35, ABCB1 EXPRESSION AND CTGF PRODUCTION IN HUMAN PROXIMAL TUBULE CELLS
Noël Knops1,2, Yasaman Ramazani2, Bert P. van den Heuvel1,2,3, Elena Levchenko1,2, Dirk J. Kuypers4, 1UZ Leuven, Pediatric Nephrology and Solid Organ Transplantation, Leuven, BELGIUM, 2KU Leuven, Pediatric Nephrology, Leuven, BELGIUM, 3Radboud University Medical Center, Translational Metabolic Lab, Nijmegen, NETHERLANDS, 4UZ Leuven and KU Leuven, Nephrology and Renal Transplantation, Leuven, BELGIUM.
SP782  EXTRACORPOREAL PHOTOPHERESIS IN RENAL TRANSPLANTATION
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SP783  IMPACT OF THE MAINTENANCE IMMUNOSUPPRESSIVE THERAPY ON THE FECAL MICROBIOME OF RENAL TRANSPLANT RECIPIENTS: COMPARISON BETWEEN AN EVEROLIMUS- VERSUS A STANDARD TACROLIMUS-BASED REGIMEN
Gianluigi Zaza1, Alessandra Dalla Gassa1, Simona Granata1, Giovanna Felis2, Antonio Lupol1, 1Univ Verona, Renal Unit, Medicine, Verona, ITALY, 2Univ Verona, Dept Biotechnology, Verona, ITALY.

SP784  RENAL TRANSPLANT ISCHEMIA/REPERFUSION INJURY CORRECTION WITH CYTOKINES ADSORPTION: EARLY AND LONG-TERM RESULTS
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SP785  HIGH- VERSUS LOW-TITER ANTI-ABO ANTIBODY IN ABO INCOMPATIBLE LIVING DONOR KIDNEY TRANSPLANTATION
Jin M. Kong1, Sung S. Son1, Eun J. Whang2, Chul S. Yoon3, Hyuk H. Kwon1, 1Hanseo Hosp, Nephrology, Busan, SOUTH KOREA, 2Hanseo Hosp, Lab Medicine, Busan, SOUTH KOREA, 3Hanseo Hosp, Urology, Busan, SOUTH KOREA.

SP786  INFLUENCE OF SOfosbuvir-BASED THERAPY OF CHRONIC HEPATITIS C ON BLOOD CONCENTRATION OF CALCINEURIN INHIBITORS IN KIDNEY TRANSPLANT PATIENTS
Joanna Musialik1,2, Aureliusz Kolonko1, Katarzyna Kwiecier1, Andrzej Więcek1, 1Medical Univ Silesia Katowice, Dept Nephrology, Transplantology and Internal Diseases, Katowice, POLAND, 2Medical Univ Silesia Katowice, Dept Basic Medical Science, Sosnowiec, POLAND.

SP787  PLASMA EXCHANGE AND DOUBLE FILTRATION PLASMAPHERESIS IN THE TREATMENT OF RENAL GRAFT ANTIBODY MEDIATED REJECTION
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SP788  EFFECTS OF IL-1β RECEPTOR ANTAGONIST IN KIDNEY TRANSPLANT RECIPIENTS
Erol Demir, Seher Tacar, Irem Sarihan, Ege Sinan Torun, Yasar Caliskan, Halil Yazici, Aydin Turkmen, Mehmet Sukru Sever, Istanbul Medical Fac, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

SP789  HEMOLYTIC ANEMIA AFTER KIDNEY TRANSPLANT WITH POLyclonal ANTIBODIES
Alice Lancal1, Rita Birna2, Ivo Laranjinha2, Sofia Coelho3, Liliana Cunha4, Tiago Carvalho5, Cristina Jorge2, André Weigert2, Domingos Machado2, 1Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL, 2Centro Hosp Lisboa Ocidental, Nephrology, Lisboa, PORTUGAL, 3Centro Hosp Setúbal, Nephrology, Setúbal, PORTUGAL, 4Hospital Fernando Fonseca, Nephrology, Lisboa, PORTUGAL, 5Centro Hosp Lisboa Ocidental, Nephrology, Torres Novas, PORTUGAL.

SP790  LOW DOSE VALGANCICLOVIR PROPHYLAXIS AMONG RENAL TRANSPLANTS: COST BENEFIT ANALYSIS
Osama Gheith, Medhat A Halim, Torki Alotaibi, Prasad Nair, Tarek Said, Naryanam Nampoory, OTC, Nephrology, Kuwait, KUWAIT.

SP791  SNPS PROFILING OF RENAL ALLOGRAFT RECIPIENTS WITH ACUTE REJECTION
Elisa Scalzotto1, Valentina Corradi1, Alberto Salini1, Carlotta Caprara1, Manuela Cannone1, Anna Chiara Frigo2, Reka Szomolá3, Stefano Chiaramonti1, Fiorenza Ferrari1, Claudio Roncol1, 1International Renal Research Inst Vicenza (IR-RIV), Nephrology, Dialysis and Transplantation, San Bortolo Hosp, Vicenza, ITALY, 2Univ Padova, Unit Biostatistics, Epidemiology and Public Health, Dept Cardiology, Thoracic and Vasc, Padova, ITALY, 3Univ Pecs, Janos Szentagothai Research Center, Pecs, HUNGARY.
SP792
DE NOVO DONOR-SPECIFIC HLA ANTIBODIES AFTER STEROID WITHDRAWAL IN KIDNEY TRANSPLANT RECIPIENTS: A PROSPECTIVE, RANDOMIZED, CONTROLLED, PARALLEL GROUP STUDY. PRELIMINARY RESULTS
Juana Alonso-Titos1, Pedro Ruiz-Esteban1, Eulalia Palma1, Veronica Lopez1, Abelardo Caballero2, Myriam Leon3, Maria Angeles Cobos4, Josep Maria Cruzado5, Joana Sellares6, Armando Torres4, Domingo Hernandez, 1Regional Univ Hosp, IBIMA, Univ Malaga, REDinREN (RD16/0009/0006), Nephrology, Malaga, SPAIN, 2Regional Univ Hosp, IBIMA, Univ Malaga, REDinREN (RD16/0009/0006), Immunology, Malaga, SPAIN, 3Regional Univ Hosp, IBIMA, Univ Malaga, REDinREN (RD16/0009/0006), Pathology, Malaga, SPAIN, 4Hosp Univ Canarias, CIBICAN, Univ La Laguna, REDinREN (RD16/0009/0031) Tenerife and Inst Reina Sofia Investigación Renal (IRSIM), Nephrology, Tenerife, SPAIN, 5DIBELL, Hosp Bellvitge, REDinREN (RD16/0009/0003), Nephrology, Barcelona, SPAIN, 6Hosp Univ Vall d’Hebron, REDinREN (RD 16/0009/0030), Nephrology, Barcelona, SPAIN.

SP793
C3D BINDING ANTI DQ IS ASSOCIATED WITH HIGH RISK FOR ABMR AND GRAFT FAILURE IN STABLE KIDNEY TRANSPLANT RECIPIENTS
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SP794
IMPACT OF DECEASED DONOR CORTICOSTEROID TREATMENT ON KIDNEY TRANSPLANT OUTCOME
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SP795
METABOLIC AND RENAL OUTCOMES OF KIDNEY TRANSPLANTATION IN OVERWEIGHT OR OBESE PATIENTS: THE IMPACT OF EARLY STEROID WITHDRAWAL
Thomas Jouve1,2, Ecaterina Griscenco2, Rachel Tetaz1, Benedicte Janbon1, Nicolas Terrier3, Paolo Malvezzi1, Fitsum Guebre Egziabher1,2, Lionel Rostaing1,2, 1Grenoble Univ Hosp, Nephrology, Apheresis, Dialysis and Transplantation, Grenoble, FRANCE, 2Univ Grenoble Alpes, Health, Grenoble, FRANCE, 3Grenoble Univ Hosp, Urology and Kidney Transplantation, Grenoble, FRANCE.

SP796
RENAL TRANSPLANTATION IN AVERAGE SENSITIZED RECIPIENTS
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SP797
RESULTS OF STEM CELL AND RENAL TRANSPLANTATION IN PATIENTS WITH END STAGE RENAL DISEASE AFTER PLASMA CELL DYSCRASIA
Beatriz Redondo1, Candela Moliz1, Maria Molina1, Enrique Morales1, Jimena Cabrera2, Esther Gonzalez1, Amado Andres1, 1Hosp Univ 12 de Octubre, Nephrology Dept, Madrid, SPAIN, 2Hosp Evangelico y Hosp Militar, Nephrology Dept, Montevideo, URUGUAY.

SP798
TECHNICAL CHARACTERISTICS, OPTIMIZATION AND OUTCOMES OF ULTRASOUND GUIDED BIOPSY PERFORMED ON KIDNEY TRANSPLANT PATIENTS
Javier Juega, Maribel Troya, Ioana Bancu, Fredzia Graterol, Laura Cañas, Josep Bonet, Ricardo Lauzurica, Germans Trias i Pujol Hosp, Nephrology, Badalona, Barcelona, SPAIN.

SP799
HEPATITIS E AND IMMUNOSUPPRESSION
Samina Hussain, Ninewells Hospital Dundee, Nephrology, Dundee, UK.

SP800
THE TANGENTIAL EXTRAPERITONEAL RETRORENAL APPROACH: A SPECIFIED FORM TECHNIQUE FOR RENAL TRANSPLANT BIOPSY
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SP801
TRANSPLANTATION AND DIALYSIS CENTER BACTERIAL PROFILE ANALYSIS: NINETEEN-YEAR REPORT (1998-2016)
Aleksii Zulkarnaev, Andrey Vatazin, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, RUSSIAN FEDERATION.
Posters

SP802
MEDICATION ADHERENCE AND SELF MANAGEMENT IN KIDNEY TRANSPLANT RECIPIENTS
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SP803
COMBINATION THERAPY OF RITUXIMAB AND INTRAVENOUS IMMUNOGLOBULIN AS AN EFFECTIVE TREATMENT FOR CHRONIC ANTIBODY-MEDIATED REJECTION IN KIDNEY TRANSPLANT RECIPIENTS
Woo Yeong Park, Seong Sik Kang, Kyubok Jin, Sung Bae Park, Seungyeup Han, Keimyung Univ School Medicine, Keimyung Univ Kidney Inst, Internal Medicine, Daegu, SOUTH KOREA.

SP804
VISUAL EVOKED POTENTIALS IN STABLE KIDNEY TRANSPLANT RECIPIENTS TREATED EITHER WITH CYCLOSPORINE A- OR TACROLIMUS-BASED REGIMENS
Aureliusz Kolonko1, Malgorzata Jurys2, Jerzy Chudek3, Dorota Pojda-Wilczek2, Andrzej Wiecek4, 1 Medical Univ Silesia, Dept Nephrology, Endocrinology and Metabolic Diseases, Katowice, POLAND, 2 Medical Univ Silesia, Ophthalmology, Katowice, POLAND, 3 Medical Univ Silesia, Pathophysiology, Katowice, POLAND, 4 Medical Univ Silesia, Nephrology, Transplantation and Internal Medicine, Katowice, POLAND.

SP805
IMPACT OF IMMUNOSUPPRESSIVE MOLECULES ON T-CELL METABOLIC REPROGRAMMING
Ana A Fernandez Ramos1,2, Catherine Marchetti-Laurent1,2, Virginie Poindessous1,2, Samantha Antonio3,2, Sylvie Bortoli3,2, Marie-Anne Loriot1,2,4, Nicolas Pallet1,2,4, INSERM, INSERM UMR-S 1147, Paris, FRANCE, 2 Univ Paris Descartes, Sorbonne Paris Cité, Paris, FRANCE, 3 INSERM, INSERM UMR-S 1124, Paris, FRANCE, 4 Assistance publique-Hôp Paris, Hôp Européen Georges Pompidou, Biochimie, Pharmacogénétique et Oncologie Moleculaire, Paris, FRANCE.

SP806
TACROLIMUS CONCENTRATION/DOSE RATIO INFLUENCES FIVE YEAR SURVIVAL RATE AFTER KIDNEY TRANSPLANTATION
Gerold Thölking, Julia Steinke, Katharina Schuette-Nuetgen, Hermann Pavenstädt, Barbara Suwelack, Stefan Reuter, Univ Hosp Münster, Dept Medicine D, Div General Internal Medicine, Nephrology and Rheumatology, Münster, GERMANY.

SP807
COMPARISON BETWEEN THREE DOSAGES OF THYMOCYTOBLIN FOR INDUCTION IN KIDNEY TRANSPLANTATION
Mohsen Nafar1, Nooshin Dalili1,2, Shahid Beheshti Univ Medical Sciences, Nephrology, Tehran, IRAN, 2 Chronic Kidney Disease Research Center Shahid Beheshti Medical Univ, Tehran, IRAN.

SP808
CLINICAL OUTCOME IN RENAL TRANSPLANT RECIPIENTS WITH THROMBOPHILIA - A SINGLE CENTER EXPERIENCE
Agnesia Furmańczyk-Zawiska1, Teresa Bączkowska1, Dominika Dęborska-Materkowska1, Sławomir Nazarewski1, Maciej Kosieradzki3, Magdalena Durlik1, 1 Dept Jesus Teaching Hosp, Dept Transplantation Medicine, Nephrology and Internal Medicine, Warsaw, POLAND, 2 Medical Univ Warsaw, Dept General and Vascular and Transplant Surgery, Warsaw, POLAND, 3 Dept Jesus Teaching Hosp, Dept General and Transplantation Surgery, Warsaw, POLAND.

SP809
HIGH RISK HUMAN PAPILLOMAVIRUS INFECTION IN FEMALE KIDNEY TRANSPLANT RECIPIENTS
Ieva Ziedina1,2, Baiba Lesina-Korne3, Maksims Cistjakovs4, Alina Sultanova4, Svetlana Chapenko4, Vadims Suhoru-kovs1,2, Janis Jushinskis1,2, Modra Murovska4, 1 Riga Stradins Univ, Transplant Research Lab, Riga, LATVIA, 2 Paul Stradins Clinical Univ Hosp, Transplantation Dept, Riga, LATVIA, 3 Paul Stradins Clinical Univ Hosp, Gynecology and Maternity Dept, Riga, LATVIA, 4 Riga Stradins Univ, August Kirchenstein Inst Microbiology and Virology, Riga, LATVIA.

SP810
THE ASSOCIATION OF BODYWEIGHT AND CYP3A5 GENOTYPE WITH TACROLIMUS TROUGH LEVEL IN CHINESE RENAL TRANSPLANT RECIPIENTS
Jang-Tao Tang1, Yun-Ying Shi2, Yi Li1, Lin Yan1, Ting-Li Wang2, Yang-Juan Bai1, Yuan-Gao Zou1, Ye Tao2, Lan-Lan Wang1, 1 West China Hosp Sichuan Univ, Dept Lab Medicine, Chengdu, CHINA, 2 West China Hosp Sichuan Univ, Dept Nephrology, Chengdu, CHINA.
SP811  EFFECT OF DOUBLE-FILTRATION PLASMAPHERESIS FOR CHRONIC ANTIBODY-MEDIATED REJECTION ON COAGULATION PARAMETERS  Paolo Malvezzi1, Raphaël Marlu2, Landry Seyve2, Jocelyne Maurizz1, Pierre-Louis Carron1, Benoit Polack2, Lionel Restaing1, 1Grenoble-Alpes Univ Hosp, Nephrology, Dialysis and Transplantation, Grenoble, FRANCE, 2Grenoble-Alpes Univ Hosp, Lab Hemostasis, Grenoble, FRANCE.

SP812  VITAMIN D RECEPTOR ACTIVATION REDUCES KLOTHO PROMOTER METHYLATION  Javier Donate Correa1, Fernando Henríquez Palop2, Ernesto Martín Núñez1, Carla Ferril1, Nayra Pérez Delgado3, Anabel Rodríguez Muñoz4, Carlos Marín Delgado4, Mercedes Muros de Fuentes3, Carmen Morà Fernández1, Juan Navarro-González5, 1Univ Hosp Nuestra Señora de Candelaria, Research Unit, Santa Cruz de Tenerife, SPAIN, 2Univ Hosp Gran Canaria Dr. Negrín, Nephrology Service, Las Palmas de Gran Canaria, SPAIN, 3Univ Hosp Nuestra Señora de Candelaria, Clinical Analysis Service, Santa Cruz de Tenerife, SPAIN, 4Univ Hosp Nuestra Señora de Candelaria, Nephrology Service, Santa Cruz de Tenerife, SPAIN, 5Univ Hosp Nuestra Señora de Candelaria, Research Unit and Nephrology Service, Santa Cruz de Tenerife, SPAIN.

SP813  INFLUENCE OF CYTOCHROME P450 3A5 (CYP3A5) GENTEIC POLYMORPHISM ON SHORT-TERM OUTCOMES IN KIDNEY TRANSPLANT RECIPIENTS TREATED WITH TACROLIMUS  Tania Linares, Nicolás Macías, Esther Torres, Luis Sánchez-Cámara, Ana García-Prieto, Esther Hurtado, Alba Santos, Rodríguez Marisa, Fernando Anaya, Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

SP814  ADVANTAGES OF CONVERSION FROM TWICE DAILY TO ONCE DAILY TACROLIMUS INTAKE IN KIDNEY TRANSPLANTATION  Inkar Mansurova1, Bagdat Sultanova1, Meruet Mukanova2, Shynar Sarsenenova1, 1Kazakh Medical Univ Continuous Education, Nephrology, Almaty, KAZAKHSTAN, 2Municipal Clinical Hosp 7, Nephrology, Almaty, KAZAKHSTAN.

SP815  TWEAK/FN14 IN CNT  Meike Claus1,2, Rana Herro2, Dennis Wolf3, Konrad Buscher3, Stefan Rudloff1, Uyen Huynh-Do1, Linda Burkl4, Michael Croft2, Daniel Siderl1, 1Univ Hosp Bern, Nephrology, Bern, SWITZERLAND, 2La Jolla Inst Allergy and Immunology, Immune Regulation, La Jolla, CA, 3La Jolla Inst Allergy and Immunology, Inflammation Biology, La Jolla, CA, 4Biogen, Immunology, Cambridge, MA.

SP816  TRANSIENT SUPPRESSION OF PRO-INFLAMMATORY T-CELL SUBSETS AFTER LPS CHALLENGE IN A HUMAN, EXPERIMENTAL ENDOTOXINAEMIA MODEL  Alexandra Brinkhoff1,2, Annette Sieberich3, Sebastian Dollf, Johannes Korth1, Manfred Schedlowski2, Witzke Oliver3, Andreas Krübben1, Benjamin Wild1, 1Dept Nephrology, Univ Hosp Essen, Univ Duisburg-Essen, Essen, GERMANY, 2Inst Medical Psychology and Behavioral Immunobiology, Univ Hosp Essen, Univ Duisburg-Essen, Essen, GERMANY, 3Dept Infectious Diseases, Univ Hosp Essen, Univ Duisburg-Essen, Essen, GERMANY.

SP817  POST-RENAL TRANSPLANT LEUCOPENIA AND ITS IMPACT ON GRAFT AND PATIENT OUTCOME  Medhat A Halim1, Osama Gheith1, Torki Alotaibi1, Mohamed Balaha2, Tarek Said1, Prasad Nair1, Hasnein Aboatteya1, 1OTC, Nephrology, Kuwait, KUWAIT, 2OTC, Nephrology, Mansoura, KUWAIT.

SP818  IS THE VALACYCLOVIR PROPHYLAXIS EFFECTIVE FOR PREVENTION OF CYTOMEGALOVIRUS INFECTION IN KIDNEY TRANSPLANT RECIPIENTS?  Woo Yeong Park, Seong Sik Kang, Sung Bae Park, Seungyeup Han, Keimyung Univ School Medicine, Keimyung Univ Kidney Inst, Internal Medicine, Daegu, SOUTH KOREA.

SP819  INTRAPATIENT VARIABILITY IN PATIENTS SWITCHED FROM TWICE DAILY TO ONCE DAILY TACROLIMUS  Zeina Mechref1, Dania Chehala1, Issam Hadi Al2, Hiba Azaar1, 1Hotel Dieu de France Univ Hosp, Nephrology, Beirut, LEBANON, 2Central Military Hosp, Nephrology, Beirut, LEBANON.

SP820  HEPATITIS C VIRUS IN KIDNEY TRANSPLANT RECIPIENTS: DIRECT ACTING ANTIVIRALS TREATMENT. ERADICATION OF A PROBLEM  Carmen Gonzalez Corvillo1, Alejandro Suarez Benjumea1, Francisco Gonzalez Ronceiro1, Gabriel Bernal Blanco1, Miguel Angel Perez Valdivia1, Marta Suñer Poblet1, Jose Manuel Pascasio2, Miguel Angel Gentil Covantes3, 1HUV Rocío, Transplante Renal, Sevilla, SPAIN, 2HUV Rocío, Digestivo, Sevilla, SPAIN, 3HUV Rocío, Nefrologia, Sevilla, SPAIN.
SP821
ACUTE REJECTION AFTER KIDNEY TRANSPLANTATION INVOLVEMENT OF THE Fcγ RECEPTORS AND MANAGEMENT USING IVIG PN and F IVIG AND CD28 MONOCLONAL ANTIBODY
Juan Jin, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

SP822
CHANGES OF A BODY SHAPE INDEX IN KIDNEY RANSPLANT RECIPIENTS WHO RECEIVED CALCINEURIN INHIBITOR BASED IMMUNOSUPPRESSIVE REGIMEN
Emel I. Sayılır1, Alpaslan Ersoy1, Ayşegül Oruç1, Abdulmecit Yıldız1, Deniz Sigirli2, Yavuz Ayar1, Canan Ersoy3, 1Uludag Univ Fac Medicine, Dept Nephrology, Bursa, TURKEY, 2Uludag Univ Fac Medicine, Biostatistics, Bursa, TURKEY, 3Uludag Univ Fac Medicine, Endocrinology, Bursa, TURKEY.

SP823
FETUIN-A LEVELS IN KIDNEY TRANSPLANT RECIPIENTS WITH CARDIAC VALVULAR CALCIFICATION
Nizameddin Koca1, Alparslan Ersoy1, Baris Sensoy2, Emine Kirhan3, Aysegul Oruc1, Sumeyye Gullulu2, Canan Ersoy4, Melehat Dirican3, Emre Sarandol3, 1Uludag University Medical Fac, Nephrology, Bursa, TURKEY, 2Uludag University Medical Fac, Cardiology, Bursa, TURKEY, 3Uludag University Medical Fac, Biochemistry, Bursa, TURKEY, 4Uludag University Medical Fac, Endocrinology, Bursa, TURKEY.

SP824
CHOLECALCIFEROL SUPPLEMENTATION AND ITS EFFECT ON PROTEINURIA IN BULGARIAN KIDNEY TRANSPLANT RECIPIENTS
Jean J. Filipov1,2, Tanya Metodieva1,2, Vera Stamenova1,2, Nikolay Houbanov3,1, Maia Petrova1,2, Emil P. Dimitrov4,2, Dobrin A. Stamenova1,2, Univ Hosp Alexandrovska, Dept Nephrology and Transplantation, Sofia, BULGARIA, 2Medical Univ, Clinical Center Nephrology, Sofia, BULGARIA, 3Univ Hosp Alexandrovska, Emergency Dept, Sofia, BULGARIA, 4Univ Hosp, Dept Nephrology and Transplantation, Sofia, BULGARIA, 5Univ Hosp Alexandrovska, Lab Therapeutic Drug Management & Clinical Pharmacology, Sofia, BULGARIA, 6Medical Univ, Dept Clinical Lab, Sofia, BULGARIA.

SP825
EFFICIENT WORK UP KIDNEY TRANSPLANTATION/KIDNEYDONATION, IN A NON ACADEMIC HOSP
Daènne Scheuter-van Oers1, René Dorpel van den2, Hans Boots2, Ton Kooij van2, Dianne Dongen van2, Ellen Versluijs2, Tahnee Marel van de2, 1Maasstadziekenhuis, Rotterdam, NETHERLANDS, 2Maassstadziekenhuis, Rotterdam, NETHERLANDS.

SP826
TREATMENT OF HEPATITIS C VIRUS IN RENAL TRANSPLANT PATIENTS. RESULTS FROM A SINGLE CENTRE WITH THE USE OF DIRECT ANTIVIRAL AGENTS
Jordi Soler Majoral1, Laura Cañas Solé1, Mercè Ardevol2, Mónica Pérez Mir1, Francisco-Javier Juega Mariño1, Josep Bonet Soi1, Ricardo Lauzurica Valdemoros1, 1Hosp Univ Germans Trias i Pujol, Nephrology, Badalona, SPAIN, 2Hosp Univ Germans Trias i Pujol, Pharmacy, Badalona, SPAIN.

SP827
DIAGNOSTIC BRONCHOSCOPY IN KIDNEY TRANSPLANT RECIPIENTS WITH ACUTE RESPIRATORY FAILURE
Dmytro Khadzhynov, Fabian Halleck, Lukas Lehner, Jonas Deissler, Klemens Budde, Oliver Staeck, Charité Universitätsmedizin, Nephrology, Berlin, GERMANY.
PATIENTS EDUCATION & TRAINING

SP828
RENEAL PRESERVATION EFFECT OF OUT-PATIENT CLINIC BASED MULTIDISCIPLINARY PATIENTS EDUCATION FOR DM NEPHROPATHY - A PROPENSITY SCORE MATCHED ANALYSIS
Fumika Taki, Naoto Matsumoto, Taisuke Ishii, Yugo Ito, Takamasa Miyauchi, Sawako Kobayashi, Miyuki Futayuyama, Masahiko Nagahama, Yasuhiro Komatsu, St. Lukes’ International Hosp, Nephrology, Tokyo, JAPAN.

SP829
DEVELOPMENT AND VALIDATION OF A CLINICAL COMPETENCE TEST FOR DIETITIANS REGARDING EARLY CHRONIC KIDNEY DISEASE (CKD)
Roxana Marquez-Herrera, Laura Cortes-Sanabria, Erika Gómez-Garcia, Ramón Martínez-Ramírez, Jorge López-Leal, Alfonso Cueto-Manzano, Mexican Social Security Institution, Unit Medical Research Renal Diseases, Guadalajara, MEXICO.

SP830
MICROCRYSTALLINE DRUG-INDUCED ENTEROPATHY AMONG ESRD PATIENTS ON NON-CALCIUM BASED PHOSPHATE BINDERS: PREVALENCE AND CLINICAL FEATURES
Francesco Iannuzzella1, Mattia Corradini1, Loredana De Marco2, Riccardo Bertolini1, Sonia Pasquali1, Alfredo Stefani1, Mariacristina Gregorini1, 1ASMN, Nephrology and Dialysis Unit, Reggio Emilia, ITALY, 2ASMN, Human Pathology, Reggio Emilia, ITALY.

SP831
ROUTINE USE OF DECISION MAKING TOOLS INCREASES PERITONEAL DIALYSIS CHOICE AND TAKE ON IN AN INTERNATIONAL SETTING
Belén Marrón1, Janusz Ostrowski2, Delia Timofte3, Marietta Törökö4, Michael Roesch5, Claudia Martin6, Pawel Kochman2, Attila Orosz7, Jose C. Divino-Filho8, Jörgen Hegbrant9, 1Diaverum Renal Services, Home Therapies, Medical Office, Madrid, SPAIN, 2Diaverum Renal Services, Wloclawek Diaverum Clinic, Wloclawek, POLAND, 3Diaverum Renal Services, Sema Clinic, Bucharest, ROMANIA, 4Diaverum Renal Services, Rokus Clinic, Budapest, HUNGARY, 5Diaverum Renal Services, Schlankeley Clinic, Hamburg, GERMANY, 6Diaverum Renal Services, Barracas Clinic, Buenos Aires, ARGENTINA, 7Diaverum Renal Services, Bajcsy Clinic, Budapest, HUNGARY, 8Karolinska Inst, CLINTEC, Stockholm, SWEDEN, 9Diaverum Renal Services, Dialyse Medical Office, Lund, SWEDEN.

SP832
PSYCHOLOGICAL IMPACT OF CHRONIC KIDNEY DISEASE ON DIALYSIS TEAM
Marica Mule’1, Anna Berti2, Sara Molgora2, Massimo Sandrini3, Ezio Movilli3, Valerio Vizzardi3, Paola Gaggia3, Giovanni Cancarin4, 1Psychology, Univ Cattolica Sacro Cuore, Milan, ITALY, 2Catholic Univ, Psychology Dept, Milan, ITALY, 3AASST-Spedali Civili, UO Nephrology, Brescia, ITALY, 4AASST-Spedali Civili, SSD Nephrology, Dept DSMC, Brescia, ITALY.

SP833
EVALUATING PHARMACIST MEDICATION INTERVENTIONS IN EMERGENCY ADMISSIONS WITH COMMUNITY ACQUIRED ACUTE KIDNEY INJURY IN A LARGE TEACHING HOSPITAL
Lynne Sykes1, Amelia Reed2, Elizabeth Lamerton2, 1Salford Royal Foundation Hosp, Emergency Admissions Unit, Salford, UK, 2Salford Royal Foundation Trust, Pharmacy, Salford, UK.

SP834
KIDNEY DIALOGUE; AN ADDED VALUE
Geerdina C. A. van Dongen, Anthony C. van Kooij, Ellen E. Versluijs-Rovers, Tahnee van der Marel, Bianca Folkers, Maastadziekenhuis, Dialyse / nefrologie, Rotterdam, NETHERLANDS.

SP835
ULTRASOUND SIMULATOR IN NEPHROLOGY- A NEW METHOD OF TEACHING
Mirela Giligia1,2, Paula Maria Giliga3, Christian Nicolai Chirila3, Mihail Gheorghi Giliga4, Zsuzsanna Jeremias5, 1Univ Medicine and Pharmacy Tg Mures, Nephrology, Tirgu Mures, ROMANIA, 2Diaverum Dyalisis Centre, Nephrology, Tirgu Mures, ROMANIA, 3Univ Medicine and Pharmacy Tg Mures, student, Tirgu Mures, ROMANIA, 4Univ Medicine and Pharmacy Tg Mures, Physiology, Tirgu Mures, ROMANIA, 5Univ Medicine and Pharmacy Tg Mures, Internal Medicine, Tirgu Mures, ROMANIA.

SP836
AN EXPERIENCED BASED DECISION AID FOR RRT
Hans A. J. Bart1, Caroline M. Douma2, 1Dutch Kidney Patients Association (NVN), Director, Bussum, NETHERLANDS, 2Spaarnestad, Nephrology, Hoofddorp, NETHERLANDS.
Posters

SP837
MASSIVE OPEN ONLINE COURSE AS A NEW TOOL IN THE EDUCATION OF RENAL PATIENTS. TOXOER PROJECT
Laura Vicente Vicente1,2,3, Marta Prieto1,2,3, Moises Pescador1,2, Alfredo G. Casanova1,2,3, María T. Hernández-Sánchez1,2,3, Fernando E. Almaraz-Menendez4, Ana I. Morales1, 1Toxicology Unit, Univ Salamanca, Salamanca, SPAIN, 2Translation Research Renal and Cardiovascular Diseases (TRECARD), Physiology and Pharmacology, Univ Salamanca, Salamanca, SPAIN, 3Salamanca Inst Biomedical Research (IBSAL), Univ Hosp Salamanca, Salamanca, SPAIN, 4Innovation and Digital Production Service, Univ Salamanca, Salamanca, SPAIN.

SP838
WHAT IS THE LEVEL OF AWARENESS ABOUT THE FOODS CONTAINING INORGANIC PHOSPHORUS IN PATIENTS WITH CHRONIC RENAL FAILURE
Nihan Tekkarismaz, Dilek Torun, Ruya Ozelsancak, Baskent Univ Fac Medicine, Nephrology, Adana, TURKEY.

SP839
PRE-END STAGE RENAL DISEASE CARE UNIT FIVE YEAR OF EXPERIENCE
Ana Berni Wennekers, Beatriz Bergasa Liberal, Pilar Martin Azara, Vanessa Guerrero Granados, Almàlia Perona Caro, Alba Martinez, Rafael Alvarez Lipe, Univ Hosp Lozano Blesa, Nephrology, Zaragoza, SPAIN.

SP840
A NEW APP FOR HELPING PATIENTS WITH CHRONIC KIDNEY DISEASE IN DIALYSIS AND AFTER TRANSPLANTION
Juliana Gomes Ramalho de Oliveira1, Marcel Rodrigo Barros de Oliveira2, José Eurico Vasconcelos Filho3, Geraldo Bezerra da Silva Junior1, 1Univ Fortaleza, Public Health Graduate Program, Fortaleza, BRAZIL, 2Hosp Geral Fortaleza, Div Nephrology, Fortaleza, BRAZIL, 3Univ Fortaleza, Technology Innovation Lab, Fortaleza, BRAZIL.

SP841
LET’S TALK ABOUT IT; EARLY GROUP EDUCATION FOR FAMILY AND FRIENDS OF CKD PATIENTS
Geerdina C. A. van Dongen, Ellen E. Versluijs-Rovers, Tahnee van der Marel, Anthony C. van Kooij, Daènne A. F. Scheuter-van Oers, Marinus A. van den Dorpel, Maasstadziekenhuis, Dialyse / nefrologie, Rotterdam, NETHERLANDS.
LATE BREAKING CLINICAL TRIALS

SP842
EFFECT OF SPIRONOLACTONE ON LEFT VENTRICULAR MASS IN HEMODIALYSIS PATIENTS: THE MIRENDA STUDY - A RANDOMIZED CONTROLLED TRIAL
Fabian Hammer1,2, Uwe Malzahn3, Julian Donhauser4, Christoph Betz5, Clemens Grupp6, Thomas Doeltz6, Nils Pollak4, Soeren Grebe4, Esther Murril4, Severin Bausch4, Tobias Hauser4, Monika Mehlng5, Stefanie Palm3, Kirsten Hofmann4, Christian Ritter7, Stefan Störk4,2, Christoph Wanner4,2, Vera Krane4,2, 1Univ Medicine, Greifswald, GERMANY, 2Comprehensive Heart Failure Centre, Würzburg, GERMANY, 3Clinical Trial Center, Würzburg, GERMANY, 4Univ Hosp, Würzburg, GERMANY, 5Univ Hosp, Frankfurt, GERMANY, 6KfH Kidney Centre, Bamberg, GERMANY, 7Univ Hosp, Göttingen, GERMANY.

SP843
LONG-TERM MIGALASTAT TREATMENT STABILIZES RENAL FUNCTION IN PATIENTS WITH FABRY DISEASE: RESULTS FROM A PHASE 3 CLINICAL STUDY (AT1001-041)
Raphael Schiffmann1, Kathleen Nicholls2, Daniel G. Bichet3, Ulla Feldt-Rasmussen4, Derralynn Hughes5, Jeffrey Castelli6, Nina Skuban6, Jay A. Barth6, Study 041 Investigators, 1Baylor Research Inst, Inst Metabolic Disease, Dallas, TX, 2Royal Melbourne Hosp, Parkville, AUSTRALIA, 3Hop Sacré-Coeur, Univ Montreal, Montreal, QC, CANADA, 4Rigs-hospitalet, Univ Copenhagen, Copenhagen, DENMARK, 5Royal Free NHS Foundation Trust and Univ College London, London, UK, 6Amicus Therapeutics, Inc., Cranbury, NJ.

SP846
EFFECTS OF PENTOXIFYLLINE ON REDUCING ACUTE KIDNEY INJURY AND OXIDATIVE STRESS AFTER CARDIAC SURGERY
Nooshin Dalili1, Alireza Jahangiri Fard2, 1Shahid Beheshti Univ Medical Science, Nephrology, Tehran, IRAN, 2Shahid Beheshti Univ Medical Sciences, Cardiac Anesthesiology, Tehran, IRAN.

SP847
THE EFFECT OF SYMPTOMS ON HEALTH RELATED QUALITY OF LIFE IN PRE-DIALYSIS PATIENTS; EQUAL STUDY
Pauline Voskamp1, Merel v Diepen1, Marie Evans2, Fergus J. Caskey3, Maurizio Postorino4, Maciej Szymczak5, Moniek vd Luitgaarden6, Christoph Wanner7, Kitty J. Jager6, Friedo W. Dekker1, 1Leiden Univ Medical Center, Clin Epidemiology, Leiden, NETHERLANDS, 2Karolinska Univ Hosp Huddinge, Dept Clin Sciences Intervention and Technology, Stockholm, SWEDEN, 3Southmead Hosp, UK Renal Registry, Bristol, UK, 4Azienda Osp Bianchi Melacrino Morelli, Clin Epidemiology and Pathophysiology of Renal Diseases and Hypertension, Reggio Calabria, ITALY, 5Wroclaw Medical Univ, Dept Nephrology and Transplantation Medicine, Wroclaw, POLAND, 6Academic Medical Center, ERA-EDTA registry, Dept Medical Informatics, Amsterdam, NETHERLANDS, 7Univ Hosp Würzburg, Div Nephrology, Würzburg, GERMANY.

SP848
RESULTS OF A RANDOMIZED MULTICENTRE PILOT STUDY OF SACUBITRIL/VALSARTAN VERSUS IRBESARTAN IN PATIENTS WITH CHRONIC KIDNEY DISEASE: UNITED KINGDOM HEART AND RENAL PROTECTION (HARP)-III TRIAL

SP849
A RANDOMIZED CONTROLLED TRIAL OF ORAL POSTDIALYSIS CHOLECALCIFEROL SUPPLEMENTATION IN PATIENTS ON MAINTENANCE HEMODIALYSIS
Fernando F. Hadad Arrascue, Gabriela Pimentel Guzman, Barbara Fernandez Lopez, Maria D. Albagar Pujades, Lourdes Guardiola Belmonte, Lorena Aroca Vivancos, Irene Garcia Lopez, Silvia Jimenez Oliveres, Maria Abellan Belmonte, Luis Caravaca Vicente, Clinica RTS Murcia VII, Nephrology, Murcia, SPAIN.
SP850
GALACTOSE-DEFICIENT IGA1 LEVELS PREDICT RENAL OUTCOME IN THE STOP-IGAN TRIAL COHORT
Jürgen Floege1, Thomas Rauen1, Frank Eitner2, Zina Moldoveanu3, Christina Fitzner4, Nikol Mladkova5, David Lennartz1, Yifu Li5, Ali Gharavi5, Jan Novak3, Krzysztof Kiryluk5, 1Div Nephrology, Univ Aachen, Aachen, GERMANY, 2Bayer AG, Wuppertal, GERMANY, 3Dept Microbiology, Univ Alabama, Birmingham, AL, 4Dept Medical Statistics, Univ Aachen, Aachen, GERMANY, 5Div Nephrology, College Physicians and Surgeons, Columbia Univ, New York, NY.

SP851
A RANDOMIZED (DOUBLE BLIND) CONTROL TRIAL OF CORTICOSTEROIDS AND DOXYCYCLINE IN PATIENTS PRESENTING WITH ACUTE INTERSTITIAL NEPHRITIS FROM CHRONIC KIDNEY DISEASE OF UNCERTAIN ETIOLOGY ENDEMIC REGIONS
Zeid Badurdeen1, Nishantha Nanayakkara2, Neelakanthi Ratnatunga3, Abdul W. Wazil4, Tilak D. Abeysekera5, Premil N. Rajakrishna2, Jalitha P. Thinnarachchi2, Ranjith Kumarasiri6, Dulani D. Welagedera2, Needika Rajapaksha2, Adambarage P. Alwis2, Hemalika T. Abeysundara7, 1Univ Peradeniya, Centre Education Research and Training on Kidney Diseases (CERTKiD), Kandy, SRI LANKA, 2Teaching Hosp, Renal Transplant and Dialysis Unit, Kandy, SRI LANKA, 3Univ Peradeniya, Dept Pathology, Kandy, SRI LANKA, 4Renal Transplant and Dialysis Unit, Kandy, SRI LANKA, 5Centre Education Research and Training on Kidney Diseases (CERTKiD), Kandy, SRI LANKA, 6Univ Peradeniya, Dept Community Medicine, Kandy, SRI LANKA, 7Fac Science, Dept Statistics, Kandy, SRI LANKA.
REG 1
TURKEY
RENAL REGISTRY OF TURKEY: CHANGE OF RENAL REPLACEMENT MODALITIES IN THE LAST 10 YEARS
N Seyahi, Istanbul University, Cerrahpaşa Medical Faculty; K Ateş, Ankara University Medical Faculty; S Sezer, Başkent University Medical Faculty; MR Altıparmak, Istanbul University, Cerrahpaşa Medical Faculty; Z Tonbul, Necmettin Erbakan University, Medical Faculty; S Duman, Ege University Medical Faculty; I Kocyiğit, Erciyes University Medical Faculty; G Suleymanlar, Antalya University Medical Faculty, Turkey

REG 2
SWITZERLAND
DEMOGRAPHY OF THE DIALYSIS POPULATION IN SWITZERLAND
PM Ambühl and R Winzeler for the Swiss Renal Registry and Quality Assessment Program (srrqap), and Institute of Nephrology, Stadtpital Waid, Zurich, Switzerland

REG 3
SWITZERLAND
MORTALITY AND OTHER RELEVANT CLINICAL ENDPOINTS IN THE SWISS DIALYSIS POPULATION FOR THE 2015 CENSUS
PM Ambühl and R Winzeler for the Swiss Renal Registry and Quality Assessment Program (srrqap), and Institute of Nephrology, Stadtpital Waid, Zurich, Switzerland

REG 4
F.Y.R. OF MACEDONIA
TRENDS IN THE INCIDENCE AND PREVALENCE OF PATIENTS ON RRT OVER THE PERIOD 2002-2015 IN THE REPUBLIC OF MACEDONIA
O Stojceva-Taneva, G Selim, J Spasovska-Masin, and G Spasovki, University Clinic of Nephrology, University Sts Cyril and Methodius, Medical Faculty, Skopje, Republic of Macedonia

REG 5
LITHUANIA
EPIDEMIOLOGICAL DATA OF RENAL REPLACEMENT THERAPY IN LITHUANIA, 2013-2015
E Ziginskiene, Lithuanian Nephrology, Dialysis and Transplantation Association and Department of Nephrology, Medical Academy, Lithuanian University of Health Sciences; I Nedzelskiene, Lithuanian Nephrology, Dialysis and Transplantation Association; V Vainauskas, Lithuanian Nephrology, Dialysis and Transplantation Association; R Gaidelyte, Department of Health Statistics, Institute of Hygiene, Lithuania; R Vaiciuniene, Lithuanian Nephrology, Dialysis and Transplantation Association and Department of Nephrology, Medical Academy, Lithuanian University of Health Sciences, Lithuania

REG 6
SPAIN, ANDALUSIA
BASELINE CHARACTERISTICS PATIENTS UNDERGOING RENAL REPLACEMENT THERAPY IN ANDALUSIA: YEAR 2016
L Fuentes Sanchez, Department of Nephrology, Hospital Regional de Málaga; R Santamaria Olmo, Department of Nephrology, Hospital Reina Sofia, Córdoba; N Arete Fonsalva, Department of Nephrology, Hospital Virgen Macarena, Sevilla; R Garofano López, Department of Nephrology, Hospital Torrecardenas, Almeria; G Velasco Barreno, Department of Nephrology, Hospital de Jerez, Cadiz; C Manero Rodriguez, Department of Nephrology, Complejo Hospitalario de Granada; C Suarez Rodriguez, Department of Nephrology, Hospital Juan Ramón Jimenez, Huelva; P Perez del Barrio, Department of Nephrology, Hospital de Jaen; P Castro de la Nuez, Autonomous Coordination of Transplants of Andalusia (CATA); M Alonso Gil, Autonomous Coordination of Transplants of Andalusia (CATA), Spain

REG 7
SPAIN, ANDALUSIA
EVOLUTION OF THE INCIDENCE AND PREVALENCE OF PATIENTS IN RENAL REPLACEMENT THERAPY IN ANDALUSIA
R Santamaria Olmo, Department of Nephrology, Hospital Reina Sofia, Córdoba; L Fuentes Sánchez, Department of Nephrology, Hospital Regional de Málaga; N Arete Fonsalva, Department of Nephrology, Hospital Virgen Macarena, Sevilla; R Garofano López, Department of Nephrology, Hospital Torrecardenas, Almeria; G Velasco Barreno, Department of Nephrology, Hospital de Jerez, Cadiz; C Manero Rodriguez, Department of Nephrology, Complejo Hospitalario de Granada; C Suarez Rodriguez, Department of Nephrology, Hospital Juan Ramón Jimenez, Huelva; P Perez del Barrio, Department of Nephrology, Hospital de Jaen; P Castro de la Nuez, Autonomous Coordination of Transplants of Andalusia (CATA); M Alonso Gil, Autonomous Coordination of Transplants of Andalusia (CATA), Spain
REG 8
SPAIN
SURVIVAL OF ELDERLY PATIENTS WITH RENAL DISEASE. DATA FROM THE SPANISH RENAL DISEASE REGISTRY (2004-2015)
B Mahillo, Spanish Renal Disease Registry (REER), ONT, Madrid; E Martín-Escobar, Spanish Renal Disease Registry (REER), ONT, Madrid; E Sánchez, Registro de la Sociedad Española de Nefrología (SEN), Oviedo; F Castro de la Nuez, Sistema de Información de la Coordinación Autonómica de Trasplantes de Andalucía (SICATA), Sevilla; R Alonso de la Torre, Registro de Enfermedades Renales Crónicas de Asturias (RERCA), Oviedo; F Eduardo Arribas Monzón, Registro de Enfermos Renales de Aragón, Zaragoza; C Garrigó Campins, Registre Balear de Malalts Renals, Palma de Mallorca, Islas Baleares; H Sánchez Janáriz, Registro de Enfermedades Renales Crónicas de Canarias, Las Palmas, Gran Canaria; O García Ruiz, Registro de Enfermos Renales de Cantabria, Santander; A Palencia García, Registro de diálisis y trasplante renal de Castilla y León, Valladolid; G Gutiérrez Avila and Inmaculada Moreno Alía, Registro de Enfermos Renales en Tratamiento Sustitutivo de Castilla-la Mancha, Toledo; E Arcos Enviar, Registre de Malalts Renals de Catalunya (RMRC), Barcelona; J Comas Enviar, Registre de Malalts Renals de Catalunya (RMRC), Barcelona; J Ramos Aceitero, Registro de Enfermos Renales de Extremadura, Cáceres; M de los Ángeles García Bazaga, Registro de Enfermos Renales de Extremadura, Cáceres; E Bouzas Caamaño, Rexistro de Enfermos Renais de Galicia (REXERGA), Santiago de Compostela; M Aparicio Madre, Registro Madrileño de Enfermos Renales (REMER), Madrid; M Carmen Santiuute de Pablos, Registro de Enfermos Renales de Murcia, Murcia; M Artamendi Larrañaga, Registro de Enfermos Renales de La Rioja, Logroño; A Magaz Lago, Giltzurrun-Gaixoei Buruzko eae-ko Informazio-Unitatea (GINFOR,EAE) (UNIPAR), Bilbao; M Ferrer Alamar, Registro de Malalts Renals de la Comunitat Valenciana (REMRENAL), Valencia; F Slon Robrero, Registro de Enfermos Renales Crónicos de Navarra, Pamplona, Spain

REG 9
SERBIA
REPORT ON DIALYSIS AND KIDNEY TRANSPLANTATION IN SERBIA 2011-2014. COMPARE TO OTHERS
N Maksimovic, Institute of epidemiology, Medical school, University of Belgrade; R Naumovic, Clinic of nephrology, CCS, Belgrade; N Dinkovic, Clinical department of nephrology and dialysis, General hospital Zvezdara, Belgrade; R Velickovic, Clinic of nephrology and dialysis, Nis; I Mitic, Clinic of nephrology and immunology, CVC, N, Sad; T Lazarevic, Center of nephrology and dialysis, CCK, Kragujevac; D Jovanovic, Clinic of nephrology, Military hospital, Belgrade; S Pavlovic, Fresenius medical care, Belgrade; J Bogdanovic, Medical center Valjevo; M Antic, Medical center Vranje; J Jelacic, General hospital Zrenajnin; B Andric, General hospital Krusevac; G Voinovic, General hospital Pančevo; M Ilic, General hospital Cuprija; Z Nikolic, General hospital Sabac; A Cvetinacin, General hospital S.Mitrovica; B Milicevic, Medical center Studenica, Kraljevo; M Mutavelic, General hospital Uzice; B Cekovic, General hospital Cacak; S Simic Ogrizovic, Clinic of nephrology, CCS, Belgrade and study group, Serbia

REG 10
SPAIN, BASQUE COUNTRY
PROBABILITY OF RECEIVING TRANSPLANT IN THE BASQUE COUNTRY. PATIENTS ON THE WAITING LIST FROM 2011 TO 2015
Renal registry of the Basque Country, UNIPAR (Unidad de Información sobre Pacientes Renales del País Vasco), Spain
# Final Programme

## DAY AT A GLANCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<td>08:00 - 09:30</td>
<td><strong>Symposia</strong>&lt;br&gt;Novel drugs in chronic kidney disease&lt;br&gt;Bone loss in chronic kidney disease&lt;br&gt;Hepatitis C, hepatitis B and HIV in the era of effective antivirals&lt;br&gt;Therapeutic use of renal progenitor and adult renal cells for kidney regeneration&lt;br&gt;Nephrology outside the box (YNP)&lt;br&gt;New insights into progressive chronic kidney disease</td>
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<td><strong>Free Communications + Mini Lectures</strong>&lt;br&gt;Experimental renal pathology&lt;br&gt;AKI experimental&lt;br&gt;Experimental and clinical hypertension</td>
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<td>09:30 - 10:45</td>
<td><strong>Poster session</strong>&lt;br&gt;ERA-EDTA General Assembly (for ERA-EDTA members only)</td>
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<td>10:45 - 11:30</td>
<td><strong>Plenary Lecture Steven Benner</strong>&lt;br&gt;Re-creating life</td>
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<td>11:45 - 13:15</td>
<td><strong>Symposia</strong>&lt;br&gt;Prevalence and management of atrial fibrillation in CKD 4, 5 and 5D&lt;br&gt;Residual renal function in HD - an opportunity for improvement&lt;br&gt;Chronic kidney disease - a clinical model of premature ageing&lt;br&gt;Ethics in scientific research&lt;br&gt;Non-invasive biomarkers of renal fibrosis or progressive kidney diseases&lt;br&gt;Developmental origin of health and disease</td>
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<td><strong>Free Communications + Mini Lectures</strong>&lt;br&gt;Diabetes clinical&lt;br/Cardiovascular risk factors in dialysis&lt;br/AKI clinical</td>
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<td>13:15 - 15:15</td>
<td><strong>Industry Symposia</strong></td>
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<td>15:15 - 16:45</td>
<td><strong>Symposia</strong>&lt;br&gt;Optimizing care in advanced CKD and the transition to dialysis: Insights from DOPPS Program&lt;br&gt;Are we offering good care to the elderly with kidney disease?&lt;br&gt;Kidney biomimicry - what can nephrologists learn from the animal kingdom?&lt;br&gt;Long-term care of the peritoneal dialysis patient (ISPD)&lt;br&gt;Fibrosis complicating several scenarios in chronic kidney disease&lt;br&gt;Kinases in control of tubular transport</td>
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<td><strong>Free Communications + Mini Lectures</strong>&lt;br&gt;CKD nutrition and inflammation&lt;br/Biological treatments in nephrology&lt;br/Paediatric nephrology&lt;br/Vascular access</td>
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17:00 - 18:30 **Symposia**

Diabetic nephropathy - how should it be treated?  236
ERA-EDTA & ESH  
Salt and the diseased kidney: an evil relationship or a too blamed one?  237
Immunosuppression after renal transplantation - less, more or appropriate?  237
Focal segment glomerulosclerosis - new insights into pathomechanisms  238
Muscle mass and fat mass in chronic kidney disease - assessment and implications  238

**Free Communications + Mini Lectures**

CKD-MBD  
Peritoneal dialysis  241
Renal epidemiology  243
Genetics and CKD  244
HALL 10

Symposium 25

**Novel drugs in chronic kidney disease**

Chairs: Bo Feldt-Rasmussen, Copenhagen, Denmark
Johannes F.E. Mann, Munich, Germany

Update on endothelin and mineralocorticoid receptor antagonists
**Johannes F.E. Mann**, Munich, Germany

Update on anticoagulants in CKD
**Karolina Szummer**, Stockholm, Sweden

CCR2 inhibition: a panacea for diabetic kidney disease
**Matthew R. Weir**, Baltimore, U.S.A.

HIF prolyl hydroxylase inhibitors for the treatment of renal anaemia and beyond
**Kai-Uwe Eckardt**, Erlangen, Germany

HALL 10.A

Symposium 26

**Bone loss in chronic kidney disease**

Chairs: **Teresa Adragao**, Cascais, Portugal
**Emilio Gonzalez-Parra**, Madrid, Spain

Interrelations of Wnt inhibitors, vascular calcification and bone loss
**Jorge B. Cannata-Andía**, Oviedo, Spain

Vitamin D - a drug for all seasons?
**David Goldsmith**, London, United Kingdom

Sclerostin in CKD - is it a mediator of vascular and bone disease or just another biomarker?
**Vincent Brandenburg**, Aachen, Germany

Novel treatment of adynamic bone disease
**Mario Cozzolino**, Milan, Italy
Symposium 27

Hepatitis C, hepatitis B and HIV in the era of effective antivirals

Chairs: Fabrizio Fabrizi, Milan, Italy
Enrique Morales, Madrid, Spain

Hepatitis C and direct antivirals - clinical applications and indications
Annette Bruchfeld, Stockholm, Sweden

Hepatitis C treatment: before or after renal transplantation?
Michel Jadoul, Brussels, Belgium

Hepatitis B - update on treatment and vaccination
Fabrizio Fabrizi, Milan, Italy

Chronic kidney disease in the ageing HIV-positive population
Lene Ryom, Copenhagen, Denmark

Symposium 28

Therapeutic use of renal progenitor and adult renal cells for kidney regeneration

Chairs: Benedetta Bussolati, Turin, Italy
Josep M. Grinyó, Barcelona, Spain

Therapeutic use of renal progenitor cells for chronic kidney disease
Benedetta Bussolati, Turin, Italy

Use of renal progenitor cells for kidney regeneration, organoid creation and disease modeling
Joseph Bonventre, Boston, U.S.A.

Organoid models and applications in biomedical research
Giuseppe Remuzzi, Bergamo, Italy

Cell therapy with adult renal-derived cells - clinical experience
Torbjörn Lundgren, Stockholm, Sweden
HALL N 105-106

Symposium 29

*Young Nephrologists’ Platform (YNP) - Nephrology outside the box*

Chairs: Emilie Cornec-Le Gall, Brest, France
        Martin de Borst, Groningen, The Netherlands

Nephrology outside the box: why you should think genetic in daily practice
Albertien Van Eerde, Utrecht, The Netherlands

Reconstructing RCTs: patient-centered approach in pragmatic trials
Annie Leblanc, Quebec City, Canada

Mining the therapeutic potential of novel discoveries in renal genetics
Gentzon Hall, Durham, U.S.A.

HALL 10.B

Symposium 30

*New insights into progressive chronic kidney disease*

Chairs: João Frazão, Porto, Portugal
        Piero Ruggenenti, Bergamo, Italy

Progressive CKD - who is at risk?
Manuel Praga, Madrid, Spain

Effects of stress-induced dedifferentiation of renal epithelia in chronic kidney disease
Hermann-Josef Groene, Heidelberg, Germany

Clinical utility of biomarkers for CKD progression
Gunnar Heine, Homburg/Saar, Germany

Current treatment options for “fast” CKD progressors
Piero Ruggenenti, Bergamo, Italy
Free Communication Session 15 + Mini Lecture

**Experimental renal pathology**

Chairs: **Alexander Rosenkranz**, Graz, Austria  
**José M. Valdivielso**, Lleida, Spain

**Mini lecture**  
Does kidney hypoxia precede albuminuria?  
**Fredrik Palm**, Uppsala, Sweden

---

**FREE COMMUNICATIONS**

**MO001**  
MAFB IS ESSENTIAL FOR THE MAINTENANCE OF PODOCYTES IN BOTH MICE AND HUMANS  
**Toshiaki Usui**1, Naoki Morito1, Michito Hamada2, Akiko Fujita1, Keigyo Yoh1, Hideki Yokoï3, Masato Kasahara3, Joichi Usui1, Satoru Takahashi2, Kunihiro Yamagata1, 1Univ Tsukuba, Nephrology, Tsukuba, Japan, 2Univ Tsukuba, Anatomy and Embryology, Tsukuba, Japan, 3Univ Kyoto, Nephrology, Kyoto, Japan.

**MO002**  
APABETALONE (RVX-208) IMPACTS KEY BIOMARKERS AND PATHWAYS ASSOCIATED WITH CHRONIC KIDNEY DISEASE IN PATIENTS WITH SEVERE RENAL IMPAIRMENT  
**Ewelina Kulikowski**1, Sylwia Wasiak1, Laura Tsujikawa1, Dean Gilham1, Christopher Halliday1, Brooke Rakai1, Ravi Jahagirdar1, Kam Kalantar-Zadeh2, Mike Sweeney3, Jan Johansson3, Norman Wong1, Richard Robson4, 1Resverlogix Corp., R&D, Calgary, AB, Canada, 2Univ California Irvine, Nephrology and Hypertension, Irvine, CA, 3Resverlogix Corp., Clinical, San Francisco, CA, 4Christchurch Clinical Studies Trust, Clinical, Christchurch, New Zealand.

**MO003**  
CRUCIAL ROLE OF MESANGIAL CELL-DERIVED CONNECTIVE TISSUE GROWTH FACTOR IN ANTI-GLOMERULAR BASEMENT MEMBRANE GLOMERULONEPHRITIS  
**Hideki Yokoi**1, Naohiro Toda1, Kiyoshi Mori2,3, Masato Kasahara4, Akira Ishii1, Keita P. Mori1, Takashige Kuwabara1,5, Taiji Matsusaka6, Masashi Mukoyama1,5, Motoko Yanagit1, 1Kyoto Univ Graduate School Medicine, Dept Nephrology, Kyoto, Japan, 2Univ Shizuoka, School Pharmaceutical Science, Shizuoka, Japan, 3Shizuoka General Hosp, Dept Nephrology and Kidney Research, Shizuoka, Japan, 4Nara Medical Univ Hosp, Inst Clinical and Translational Science, Kashihara, Japan, 5Kumamoto Univ Graduate School Medical Sciences, Dept Nephrology, Kumamoto, Japan, 6Tokai Univ School Medicine, Dept Molecular Life Sciences, Isehara, Japan.

**MO004**  
REVERSAL OF RENAL DYSFUNCTION AND INJURY BY THERAPEUTIC ANGIOGENESIS IN CHRONIC RENAL DISEASE: NOT EVERYTHING IS LOST  
**Alejandro R. Chade**1, Erika Guise2, Maxx Williams2, Taylor Harvey2, Gene L. Bidwell3, 1Univ Mississippi Medical Center, Physiology and Biophysics, Medicine, and Radiology, Jackson, MS, 2Univ Mississippi Medical Center, Physiology and Biophysics, Jackson, MS, 3Univ Mississippi Medical Center, Dept Neurology; and Biochemistry, Jackson, MS.
MO005
REDUCED CORTICAL OXYGENATION PREDICTS PROGRESSIVE RENAL FUNCTION DECLINE IN HUMANS

Menno Pruim1, Bastien Milani2,3, Edward Pivin2, Agata Podhajska2, Bruno Vogt4, Matthias Stuber3, Michel Burnier2, 1Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, SWITZERLAND, 2Univ Hosp Lausanne (CHUV), Nephrology and Hypertension, Lausanne, SWITZERLAND, 3Univ Hosp Lausanne (CHUV), Radiology, Center Biomedical Imaging, Lausanne, SWITZERLAND, 4Bern Univ Hosp (Inselspital), Nephrology and Hypertension, Bern, SWITZERLAND.
Free Communication Session 16 + Mini Lecture

AKI experimental

Chairs: Andreas Kribben, Essen, Germany
Mårten Segelmark, Linköping, Sweden

Mini lecture
What should nephrologists know about microRNAs in kidney disease?
Amaryllis Van Craenenbroeck, Antwerp, Belgium

FREE COMMUNICATIONS

MICRORN26A INDUCED GOMERULAR DAMAGE IN PREECLAMPSIA
Janina Müller-Deile1, Patricia Schröder2, Hermann Haller1, Mario Schiffer1, 1Hannover medical school, Nephrology, Hannover, GERMANY, 2Mount Desert Island Biological Lab, Nephrology, Salisbury Cove, ME.

INDUCTION OF IMMUNOSUPPRESSIVE MICRO-RNA IN SPLEEN ATTENUATES SEPSIS INDUCED ACUTE KIDNEY INJURY
Yoshio Funahashi1, Noritoshi Kato1, Takuji Ishimoto1, Tomoki Kosugi1, Naotake Tsuboi1, Kenji Kadowatsui2, Shoichi Maruyama1, 1Nagoya Univ, Nephrology, Nagoya, JAPAN, 2Nagoya Univ, Biochemistry, Nagoya, JAPAN.

LPS BINDING PROTEIN AMPLIFIES TLR-4 SIGNALING AND PERICYTE TO MYOFIBROBLASTS TRANS-DIFFERENTIATION IN LPS-INDUCED ACUTE KIDNEY INJURY
Alessandra Stasi1, Fabio Sallustio1, Rossana Franzini1, Chiara Divella1, Alessandra Spinelli1, Margherita Gigante1, Giuseppe Grandaliano2, Giovanni Battista Pertosa1, Loreto Gesualdo1, Giuseppe Castellano1, 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, ITALY, 2Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.

COMPLEMENT MODULATES THE EXPRESSION OF GENES INVOLVED IN SENESCENCE BY DNA METHYLATION IN RENAL PROXIMAL TUBULAR EPITHELIAL CELLS
Rossana Franzin, Fabio Sallustio, Alessandra Stasi, Claudia Curci, Angela Picerno, Chiara Divella, Loreto Gesualdo, Giuseppe Castellano, Univ Bari, Dept Emergency and Organ Transplantation, Nephrology Unit, Bari, ITALY.

GENDER DIFFERENCES IN ISCHEMIA/REPERFUSION-INDUCED ACUTE KIDNEY INJURY
SALA NEPTUNO

Free Communication Session 17 + Mini Lecture

Experimental and clinical hypertension

Chairs: Laszlo Rosivall, Budapest, Hungary  
Pantelis A. Sarafidis, Thessaloniki, Greece

Mini lecture
Balancing wobbles in the body sodium  
Jens Titze, Nashville, U.S.A.

FREE COMMUNICATIONS

MO012
RESVERATROL REGULATES NUTRIENT SENSING PATHWAY AND GUT MICROBIOTA TO PREVENT THE DEVELOPMENT OF HYPERTENSION PROGRAMMED BY MATERNAL PLUS POST-WEANING HIGH-FAT CONSUMPTION
You-Lin Tain1, Chien-Ning Hsu2, 1Kaohsiung Chang Gung Memorial Hosp, Pediatrics, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Pharmacy, Kaohsiung, TAIWAN.

MO013
A COMPARISON OF ANTIBODY MARKERS IN EARLY PREGNANCY IN WOMEN WHO SUBSEQUENTLY DEVELOPED PRE-ECLAMPSIA COMPARED TO MATCHED HEALTHY CONTROLS
Nadia Sarween1,2, Ellen Knox3, Peter Nightingale4, Tim Plant2, Clara Day1, Mark Drayson2, Graham Lipkin1, 1Univ Hosp Birmingham, Renal Medicine, Birmingham, UK, 2Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 3Birmingham Women’s Hosp, Maternal Medicine, Birmingham, UK, 4Univ Hosp Birmingham, Medical Statistics, Birmingham, UK.

MO014
A LOW-SODIUM BREAD IMPROVES THE ADHERENCE TO A LOW-SODIUM DIET IN HYPERTENSIVE SUBJECTS
Carmela Cosola1, Valentina Maranzano1, Annapaola Zito2, Eustacchio Montemurro1, Giuseppe Dalfino1, Giovanni Pompa3, Giovanni Battista Pertosa1, Carlo Manni1, Marco Matteo Ciccone2, Giuseppe Grandaliano3, Loreto Gesualdo1, 1Univ Bari Aldo Moro, Dept Emergency and Organ Transplantation, Nephrology, Dialysis and Transplantation Unit, Bari, ITALY, 2Univ Bari Aldo Moro, Dept Emergency and Organ Transplantation, Cardiovascular Disease Unit, Bari, ITALY, 3Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.

MO015
MEDICATION ADHERENCE IN PATIENTS WITH APPARENT RESISTANT HYPERTENSION: FINDINGS FROM THE SYMPATHY TRIAL
Rosa L. de Jager1, Erik M. van Maarseveen2, Michiel L. Bots3, Peter J. Blankestijn1, 1UMC Utrecht, Nephrology & Hypertension, Utrecht, NETHERLANDS, 2UMC Utrecht, Clinical Pharmacy, Utrecht, NETHERLANDS, 3UMC Utrecht, Julius Center for Health Sciences and Primary Care, Utrecht, NETHERLANDS.
All ERA-EDTA members are invited to participate in the above mentioned annual meeting. The admission to the General Assembly is strictly reserved to ERA-EDTA Members only. Members should have their ERA-EDTA membership cards to show in order to enter the room for the General Assembly (access to the meeting room will be monitored). All ERA-EDTA Members (Full and Associate) can participate with voice during the meeting, however vote is only possible for Full Members.
HALL 10

Plenary Lecture 3

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
Alberto Ortiz, Madrid, Spain

Re-creating life
Steven Benner, Alachua, U.S.A.

HALL 10

11:45-13:15

Symposium 31

Prevalence and management of atrial fibrillation in CKD 4, 5 and 5D

Chairs: David Goldsmith, London, United Kingdom
Mårten Rosenqvist, Stockholm, Sweden

Prevalence and pathophysiology of atrial fibrillation in CKD 4 and 5
Marlies Antlanger, Vienna, Austria

Atrial fibrillation in CKD - should we anticoagulate our patients?
Gunnar Heine, Homburg, Germany

Anticoagulation in patients with CKD 4-5 and atrial fibrillation - Warfarin or NOAK?
Wolfgang Winkelmayer, Houston, U.S.A.

Novel treatment strategies for atrial fibrillation
Mårten Rosenqvist, Stockholm, Sweden
Symposium 32

Residual renal function in HD - an opportunity for improvement

Chairs: Ivan Rychlik, Prague, Czech Republic
Patricia de Sequera Ortiz, Madrid, Spain

Longer or more frequent dialysis: is residual renal function at stake?
Charles Chazot, Sainte Foy Les Lyon, France

“To pee or not to pee” - is there a place for diuretics in dialysis patients?
Àngel Argilés, Montpellier, France

Should we stop ACE/ARBs in CKD stage 5?
Muhammad Magdi Yaqoob, London, United Kingdom

Assessment of fluid overload in dialysis patients
Adrian Covic, Iasi, Romania

Symposium 33

Chronic kidney disease - a clinical model of premature ageing

Chairs: Manuel Naves Diaz, Oviedo, Spain
Paul Shiels, Glasgow, United Kingdom

Reasons why CKD patients undergo premature ageing
Peter Stenvinkel, Stockholm, Sweden

Ageing and chronic inflammation - lessons from non-renal chronic debilitating diseases
Jeroen Kooman, Maastricht, The Netherlands

Recovering Klotho in CKD - is this an achievable challenge?
Adriana Dusso, Oviedo, Spain

Can ageing be drugged?
Paul Shiels, Glasgow, United Kingdom
HALL N 101-102

Symposium 34

*Ethics in scientific research*

Chairs: Netar Mallick, Manchester, United Kingdom
       Judit Nagy, Pecs, Hungary

Ethics of intervention in small or large scale disasters
**Mehmet Sukru Sever**, Istanbul, Turkey

About renal and moral failure: the impact of the refugee crisis in Europe
**Wim Van Biesen**, Ghent, Belgium

What is more ethical for deceased graft donation: opting in or opting out?
**Uwe Heemann**, Munich, Germany

HALL N 105-106

Symposium 35

*Non-invasive biomarkers of renal fibrosis or progressive kidney diseases*

Chairs: **Rafael Kramann**, Aachen, Germany
        **Carlos Martinez Salgado**, Salamanca, Spain

Humoral factors
**Christos Chatziantoniou**, Paris, France

Non-invasive diagnostic of renal fibrosis
**Peter Boor**, Aachen, Germany

Proteomics for chronic renal diseases
**Harald Mischak**, Hannover, Germany

Metabolomics and-or Uremic Toxins
**Raymond Vanholder**, Ghent, Belgium
Symposium 36

Developmental origin of health and disease

Chairs: Karolina Kublickiene, Stockholm, Sweden
        Pierre Ronco, Paris, France

Birth weight and risk of CKD
Bjørn Egil Vikse, Haugesund, Norway

Fetal programming of renal aging
Uyen Huynh-Do, Bern, Switzerland

Targeting epigenetics of chronic kidney disease
Michael Zeisberg, Göttingen, Germany

Repair after nephron ablation reveals limitations of neonatal neo-nephrogenesis
Joseph Bonventre, Boston, U.S.A.
SALA RETIRO

Free Communication Session 18 + Mini Lecture

Diabetes clinical

Chairs: Ana Carina Ferreira, Lisbon, Portugal
        Juan F. Navarro González, Santa Cruz de Tenerife, Spain

Mini lecture
SGLT2 - from rare disorders to new treatment for diabetes
Luigi Gnudi, London, United Kingdom

FREE COMMUNICATIONS

MO016
CANCER DIAGNOSIS AND TREATMENT FOR PATIENTS UNDER HEMODIALYSIS; MULTICENTER SURVEILLANCE
Takeshi Matsubara1, Naoya Kondo1, Taro Funakoshi2, Takahiro Horimatsu2, Tatsuo Tsukamoto1, Manabu Muto2, Shunichi Fukuhara3, Motoko Yanagita1, 1Kyoto Univ Graduate School Medicine, Dept Nephrology, Kyoto, JAPAN, 2Kyoto Univ Graduate School Medicine, Dept Therapeutic Oncology, Kyoto, JAPAN, 3Kyoto Univ Graduate School Medicine, Dept Healthcare Epidemiology, Kyoto, JAPAN.

MO017
STRONG ASSOCIATION OF NON-ALCOHOLIC FATTY LIVER DISEASE WITH CARDIOVASCULAR OUTCOMES IN DIABETIC NEPHROPATHY
Rajkumar Chinnadurai, Darren Green, James Ritchie, Philip Kalra, Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK.

MO018
TIME TRENDS IN MORTALITY OF PATIENTS WITH TYPE 1 DIABETES, A NATIONWIDE STUDY
Fernanda Ortiz1, Valma Harjutsalo2, Ilkka Helanterä3, Marko Lempinen3, Carol Forsblom2, Per-Henrik Groop1,2, 1Helsinki Univ Hosp, Nephrology, Helsinki, FINLAND, 2Folkhälsan Inst Genetics, Folkhalsan Research Center, Helsinki, FINLAND, 3Helsinki Univ Hosp, Transplantation and Liver Surgery, Helsinki, FINLAND.

MO019
INCRETIN EFFECT IS REDUCED IN END-STAGE RENAL DISEASE
Morten B. Jørgensen1, Thomas Idorn1, Casper Rydahl2, Henrik P. Hansen2, Iain Bressendorff3, Lisbet Brandi3, Gerrit van Hall4,5, Jens J. Holst5,6, Filip K. Knop6,7, Mads Hornum1, Bo Feldt-Rasmussen1, 1RigsHospitalet, Dept Nephrology, Copenhagen, DENMARK, 2Herlev Hosp, Dept Nephrology, Herlev, DENMARK, 3North Zealand Hosp, Dept Nephrology, Hillerød, DENMARK, 4RigsHospitalet, CMCF, Clinical Biochemistry, Copenhagen, DENMARK, 5Univ Copenhagen, Dept Biomedical Sciences, Copenhagen, DENMARK, 6Univ Copenhagen, NNF Center Basic Metabolic Research, Copenhagen, DENMARK, 7Gentofte Hosp, Center Diabetes Research, Hellerup, DENMARK.

MO020
SAFETY, TOLERABILITY, PHARMACOKINETICS (PK), AND PHARMACODYNAMICS (PD) OF SINGLE DOSES OF TAK-272, A NOVEL RENIN INHIBITOR, IN HEALTHY MALE SUBJECTS
K Matsuno1, S Kuroda2, S Tanaka1, H Nakamichi3, E Komura4, 1Takeda Pharmaceutical Company Ltd, Clinical Pharmacology, Osaka, JAPAN, 2Takeda Pharmaceutical Company Ltd, Biostatistics, Osaka, JAPAN, 3Takeda Pharmaceutical Company Ltd, Pharmacovigilance, Osaka, JAPAN, 4Takeda Pharmaceutical Company Ltd, Clinical Science, Osaka, JAPAN.
Free Communication Session 19 + Mini Lecture

Cardiovascular risk factors in dialysis

Chairs: Luca Di Lullo, Colleferro (Rome), Italy
        Nynke Halbesma, Edinburgh, United Kingdom

Mini lecture
Biomarkers of cardiovascular disease and mortality risk in dialysis patients
Bengt Lindholm, Stockholm, Sweden

FREE COMMUNICATIONS

MO021
RISK FACTORS FOR VASCULAR CALCIFICATIONS IN HEMODIALYSIS PATIENTS: TO WHAT EXTENT IS VITAMIN K2 DEFICIENCY INVOLVED?
Mabel Aoun1,2, Maha Makki3, Hiba Azar2, Balsam Elghoul4, Siba Kallab5, Hiam Matta6, Ziad Malouf7, Dania Chelala2, 1Saint-Georges Hosp, Nephrology, Ajaltoun, LEBANON, 2Saint-Joseph Univ, Nephrology, Beirut, LEBANON, 3American Univ Beirut, Biostatistics, Beirut, LEBANON, 4Centre Hosp Nord, Nephrology, Zgharta, LEBANON, 5Keserwan Medical Center, Nephrology, Jouineh, LEBANON, 6Saint-Georges Hosp, Lab, Ajaltoun, LEBANON, 7BMP, Lab, Jouineh, LEBANON.

MO022
EFFICACY AND SAFETY OF FEBUXOSTAT ON ENDOTHELIAL DYSFUNCTION IN HEMODIALYSIS PATIENTS: A RANDOMISED PLACEBO CONTROLLED DOUBLE BLINDED STUDY
Mona G. Alshahawey1, Sara M. Shahin1, Tamer W. Elsaid2, Nagwa A. Sabri1, 1Ain Shams Univ, Clinical Pharmacy, Cairo, EGYPT, 2Ain Shams Univ, Nephrology, Cairo, EGYPT.

MO023
EFFECTS OF SODIUM THIOSULFATE ON VASCULAR CALCIFICATIONS IN HEMODIALYSIS PATIENTS: A INTERVENTIONAL DOUBLE BLINDED RANDOMISED PLACEBO CONTROLLED STUDY
Petar Djuric1, Georg Schlieper2, Zivka Djuric1, Milan Pantelic3, Milica Mitrovic4, Marko Milanov5, Aleksandar Jankovic1, Juergen Floege2, Nada Dimkovic1,6, 1Zvezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Rheinisch-Westfälische Technische Hochschule Aachen, Div Nephrology and Immunology, Aachen, GERMANY, 3Zvezdara Univ Medical Center, Center Radiology, Belgrade, SERBIA, 4Clinical Center Serbia, Inst Radiology, Belgrade, SERBIA, 5Zvezdara Univ Medical Center, Clinical Dept Cardiology, Belgrade, SERBIA, 6Medical Fac, Univ Belgrade, Internal Medicine, Belgrade, SERBIA.

MO024
EFFECTS OF L/N-TYPE CALCIUM CHANNEL BLOCKER CILNIDIPINE ON AMBULATORY BLOOD PRESSURE AND BLOOD PRESSURE VARIABILITY IN PATIENTS WITH INTRADIALYTIC HYPER-TENSION
Naoki Fujimoto1, Takayasu Ito2, Eiji Ishikawa2, Kaoru Dohi2, Michiyo Kiyohara3, Hideyuki Takeuchi3, Sukenari Koyabu4, Hiroyuki Nishimura5, Toshiaki Takeuchi5, Masaaki Ito2, 1Mie Univ Graduate School Medicine, Dept Molecular and Lab Medicine, Tsu, JAPAN, 2Mie Univ Graduate School Medicine, Dept Cardiology and Nephrology, Tsu, JAPAN, 3Takeuchi Hosp, Dept Internal Medicine, Tsu, JAPAN, 4Owase General Hosp, Dept Internal Medicine, Owase, JAPAN, 5Tohyama Hosp, Hemodialysis center, Tsu, JAPAN.
ARterial Gene Expression Signatures for Sirtuins and Klotho Associate with Biopsy-Verified Arterial Calcification in End-Stage Renal Disease

Anna Witasp1, Louise Nordfors1, Hannes Olausen1, Annika Wernerson1, Magnus Söderberg2, Lars Wennberg1, Anders Thorell3, Abdul Rashid Qureshi1, Paul G. Shiels4, Peter Stenvinkel1, 1Karolinska Inst, Dept Clinical Science, Intervention and Technology, Stockholm, SWEDEN, 2AstraZeneca, Pathology, Drug Safety and Metabolism, Gothenburg, SWEDEN, 3Karolinska Inst, Dept Clinical Sciences, Danderyd Hosp and Dept Surgery, Ersta Hosp, Stockholm, SWEDEN, 4Univ Glasgow, Wolfson Wohl Translational Research Centre, Inst Cancer Sciences, Glasgow, UK.
SALA NEPTUNO

11:45 - 13:15

Free Communication Session 20 + Mini Lecture

AKI clinical

Chairs: Garabed Eknoyan, Houston, U.S.A.
Norbert H. Lameire, Ghent, Belgium

Mini lecture
Points of concern in post-AKI follow up
Norbert H. Lameire, Ghent, Belgium

FREE COMMUNICATIONS

MO026
IMPROVED ACUTE KIDNEY INJURY (AKI) STAGING WITH SERUM CREATININE TRAJECTORIES
David G. Warnock1, Mirela Bojan2, Anupam Agarwal3, Marc Froissart4, 1UAB, Medicine, Birmingham, AL, 2Necker-Enfants Malades Univ Hosp, Anesthesia and Critical Care, Paris, FRANCE, 3Univ Alabama Birmingham, Medicine, Birmingham, AL, 4Univ Lausanne, CHUV, Lausanne, SWITZERLAND.

MO027
ACUTE KIDNEY INJURY IN CRITICALLY ILL PATIENTS REQUIRING EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)

MO028
IMPROVING THE PROCESS MEASURES IN ACUTE KIDNEY INJURY, DOES IT CO-RELATE WITH BETTER OUTCOMES?
Thangavelu Chandrasekar1, Kottarathil Abraham1, Amanda Balshaw-Greer1, Debbie Cowell2, 1Aintree Univ Hosp, Dept Nephrology, Liverpool, UK, 2Aintree Univ Hosp, Critical Care outreach team, Liverpool, UK.

MO029
A NATIONWIDE SURVEY OF ACUTE KIDNEY INJURY IN PATIENTS WITH MALIGNANCIES IN CHINA
Juan Jin, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MO030
COLISTIMETHATE SODIUM AND ACUTE KIDNEY INJURY: RISKS AND PROGNOSTIC FACTORS
Saul Pampa-Saico1, Estefania Yerovi1, Fernando Caravaca-Fontan1, Maite Tenorio1, Aurora Rojo-Sanchis2, Jose Manuel Del Rey3, Vicente Pintado4, Fernando Liano1, 1Hosp Univ Ramon y Cajal, Nephrology, Madrid, SPAIN, 2Hosp Univ Ramon y Cajal, Pharmacy Unit, Madrid, SPAIN, 3Hosp Univ Ramon y Cajal, Clinical Biochemical Unit, Madrid, SPAIN, 4Hosp Univ Ramon y Cajal, Infectious Disease Unit, Madrid, SPAIN.
HALL 10

Symposium 37

*Optimizing care in advanced CKD and the transition to dialysis: Insights from DOPPS Program*

Chairs: **Ziad Massy**, Paris, France
**Bruce Robinson**, Ann Arbor, U.S.A.

*The DOPPS Program: invitation to collaborators*
**Hugh Rayner**, Birmingham, United Kingdom

*CKDopps: Improving outcomes in advanced CKD and the transition to dialysis*
**Helmut Reichel**, Villingen-Schwenningen, Germany

*DOPOPS: Impact of clinical practices on early mortality among HD patients*
**Takeshi Hasegawa**, Yokohama, Japan

*PDOPPS: Predictors of early successful PD use*
**Martin Wilkie**, Sheffield, United Kingdom

*Recent results from the EURODOPPS*
**Ayesha Sajjad**, Amsterdam, The Netherlands

Panel discussion
HALL 10.A 15:15-16:45

Symposium 38

Are we offering good care to the elderly with kidney disease?

Chairs: Alejandro Martin-Malo, Cordoba, Spain
Drasko Pavlovic, Zagreb, Croatia

Recent time trends in characteristics of incident patients on RRT: age and co-morbidities
Kitty J. Jager, Amsterdam, The Netherlands

Elderly patients reaching end-stage renal disease: treat or not to treat?
Maurice Laville, Lyon, France

If we treat elderly patients with dialysis - is there a point to stop?
Edwina Brown, London, United Kingdom

Is advanced care planning the solution and do we apply it?
José Antonio Sanchez-Tomero, Madrid, Spain

HALL N 103-104 15:15-16:45

Symposium 39

Kidney biomimicry - what can nephrologists learn from the animal kingdom?

Chairs: Volker H. Haase, Nashville, U.S.A.
Gérard London, Fleury-Mérogis, France

What can hibernating bears teach us on how to prevent bone loss?
Peter Stenvinkel, Stockholm, Sweden

Epidemic of CKD in felids - wildlife veterinarians and human nephrologists working in symbiosis
Johanna Painer, Vienna, Austria

Lessons on how animals store water in relation to global warming, obesity and CKD
Richard J. Johnson, Denver, U.S.A.

What can we learn from the animal kingdom about renal sodium and water handling?
Nadine Bouby, Paris, France
Symposium in collaboration with ISPD (International Society for Peritoneal Dialysis)

**Long-term care of the peritoneal dialysis patient**

Chairs: **Simon Davies**, Stoke-On-Trent, United Kingdom  
**Isaac Teitelbaum**, Denver, U.S.A.

- e-monitoring and home visit programme in long term PD patient care  
  **Claudio Ronco**, Vicenza, Italy

- Long-term function of the peritoneal membrane: does fluid composition matter?  
  **Isaac Teitelbaum**, Denver, U.S.A.

- Does the risk of EPS warrant discontinuation of PD? If so, when?  
  **Simon Davies**, Stoke-On-Trent, United Kingdom

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Symposium 41

**Fibrosis complicating several scenarios in chronic kidney disease**

Chairs: **Gert Mayer**, Innsbruck, Austria  
**Marta Ruiz-Ortega**, Madrid, Spain

- New mechanisms of cardiac fibrosis and failure in chronic kidney disease  
  **Javier Diez**, Pamplona, Spain

- Role of ALK-1 and endoglin, members of the TGF-beta receptor complex, in kidney fibrosis  
  **José M. Lopez-Novoa**, Salamanca, Spain

- Renal fibrosis - should we treat it? No!  
  **Hans-Joachim Anders**, Munich, Germany

- Renal fibrosis - should we treat it? Yes!  
  **Rafael Kramann**, Aachen, Germany
Symposium 42

**Kinases in control of tubular transport**

Chairs: **Heini Murer**, Zurich, Switzerland  
**Giovanna Valenti**, Bari, Italy

The WNK-SPAK/OSR1 pathway in general  
**Gerrit Daubner**, Dundee, United Kingdom

WNK and the regulation of blood pressure  
**Juliette Hadchouel**, Paris, France

Kinases and potassium homeostasis  
**Johannes Loffing**, Zurich, Switzerland

Kinases and AQP2 trafficking  
**Giovanna Valenti**, Bari, Italy
SALA RETIRO

Free Communication Session 21 + Mini Lecture

CKD nutrition and inflammation

Chairs: Giacomo Garibotto, Genoa, Italy
Olof Heimbürger, Stockholm, Sweden

Mini lecture
Inflammation and innate immunity in CKD-associated vascular diseases
Danilo Fliser, Homburg/Saar, Germany

FREE COMMUNICATIONS

**MO031**
APOLIPOPROTEIN C3 INDUCES SYSTEMIC INFLAMMATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE BY ACTIVATING THE NALP3 INFLAMMASOME VIA A NOVEL MOLECULAR PATHWAY

Stephen Zewinger1, Vera Jankowski2, Richard Jennings1, Ioannis Petrakis1, Winfried März3, Joachim Jankowski2, Ulrich Laufs1, Danilo Fliser1, Thimoteus Speer1, 1Saarland Univ Hosp, Dept Internal Medicine IV, Homburg/Saar, GERMANY, 2Univ Aachen, Inst Molecular Cardiovascular Research, Aachen, GERMANY, 3Univ Heidelberg, Mannheim, Medical Fac Mannheim, Nephrology, Mannheim, GERMANY.

**MO032**
AN OPEN LABEL RANDOMIZED CLINICAL STUDY TO EVALUATE THE IMPACT OF PROTEIN SUPPLEMENT ON SERUM ALBUMIN IN PATIENTS ON MAINTENANCE DIALYSIS (IMPROVES STUDY)

Anita Saxena1, Gokul Nath2, Jatin Kothari3, Amit Gupta1, Juan J. C. Roig4, Kamyar K. Zadeh5, Chanrda M. Pandey6, 1Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA, 2St John’s Medical College, Nephrology, Bengaluru, INDIA, 3Apex Kidney Center, Nephrology, Mumbai, INDIA, 4Karolinska Inst, Renal Medicine, Stockholm, SWEDEN, 5UC Irvine School Medicine and UCLA School Public Health, Internal Medicine, Irvine, California, CA, 6Sanjay Gandhi Post Graduate Inst Medical Sciences, Biostatistics, Lucknow, INDIA.

**MO033**
ENERGY REQUIREMENT IN CKD PATIENTS: A COMPARISON AMONG MEASUREMENTS, EQUATIONS AND DIETARY INTAKE

Adamasco Cupisti, Claudia D’Alessandro, Massimiliano Barsotti, Teresa Lucchese, Maria Francesca Egidii, Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY.

**MO034**
DIETARY PATTERNS FOR PEOPLE WITH CHRONIC KIDNEY DISEASE: META-ANALYSIS OF RANDOMIZED CLINICAL TRIALS

Suetonia Palmer1, Jasjot Maggo1, Katrina L. Campbell2, Jonathan C. Craig3, David W. Johnson4, Marinella Ruospo5,6, Allison Tong3, Giovanni F. M. Strippoli7,5, 1Univ Otago Christchurch, Medicine, Christchurch, NEW ZEALAND, 2Bond Univ, Fac Health Sciences and Medicine, Robina, AUSTRALIA, 3Univ Sydney, School Public Health, Sydney, AUSTRALIA, 4Univ Queensland, Renal Medicine, Woolloongabba, AUSTRALIA, 5Diaverum Renal Services Group, Scientific Affairs, Lund, SWEDEN, 6Univ Eastern Piedmont Amedeo Avogadro, Medicine, Novara, ITALY, 7Univ Bari, Emergency and Organ Transplantation, Bari, ITALY.
MO035
INFLAMMATION MODIFIES THE MORTALITY PREDICTIVE CAPACITY OF OXIDATIVE DNA DAMAGE IN CHRONIC KIDNEY DISEASE PATIENTS
Lu Dai1,2, Abdul R. Qureshi1, Hideyuki Mukai1, Anna Machowska1, Olof Heimbürger1, Peter Barany1, Peter Stenvinkel1, Bengt Lindholm1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Dept CLINTEC, Stockholm, SWEDEN, 2First Affiliated Teaching Hosp Tianjin Univ Traditional Chinese Medicine, Renal Dept, Tianjin, CHINA.
Final Programme

Free Communication Session 22 + Mini Lecture

Biological treatments in nephrology

Chairs: Annette Bruchfeld, Stockholm, Sweden
        Marian Klinger, Wroclaw, Poland

Mini lecture

Rituximab versus cyclophosphamide for ANCA-associated vasculitis
Vladimir Tesar, Prague, Czech Republic

FREE COMMUNICATIONS

MO036
ECULIZUMAB IN SECONDARY ATYPICAL HEMOLYTIC UREMIA SYNDROME
Teresa Cavero Escribano1, Manuel Praga1, Santiago R de Córdoba2, Spanish group secondary aHUS, 1Hosp 12 de Octubre, Nefrologia, Madrid, SPAIN, 2Centro Investigaciones Biológicas, Consejo Superior Investigaciones Científicas, Centro Investigación Biomédica en Red en Enfermedades Raras, Madrid, SPAIN.

MO037
PROLIFERATIVE GLOMERULONEPHRITIS WITH MONOCLONAL IMMUNOGLOBULIN DEPOSITS: A CASE SERIES
Marc Ulrich1, Viviane Gnmemi2, Marie Frimat3, Francois Provôt3, Evelyne Mac Namara4, Gerard Cardon5, Pierre Bataille6, Laurence Vrigneaud1, Francois Glowacki3, Céline Lebas3, 1Centre Hosp Valenciennes, Néphrologie et Dialyse, Valenciennes, FRANCE, 2CHRU Lille, Anatomopathologie, Lille, FRANCE, 3CHRU Lille, Néphrologie, Dialyse et Transplantation, Lille, FRANCE, 4CH Béthune, Néphrologie, Béthune, FRANCE, 5CH Douai, Néphrologie, Douai, FRANCE, 6CH Boulogne sur Mer, Néphrologie, Boulogne sur Mer, FRANCE.

★MO038
EFFECTIVENESS OF CORTICOSTEROID THERAPY FOR PATIENTS WITH CKD G3-4 IGA NEPHROPATHY: A MULTICENTER, LARGE SCALE, LONG-TERM OBSERVATION COHORT STUDY
Ryoya Tsunoda1, Joichi Usui1, Junichi Hoshino2, Takayuki Fujii3, Satoshi Suzuki4, Kenmei Takaichi3, Yoshifumi Ubara2, Kunihiro Yamagata1, 1Univ Tsukuba, Dept Nephrology, Tsukuba, JAPAN, 2Toranomon Hosp, Nephrology center, Tokyo, JAPAN, 3Toranomon Hosp Kajigaya, Nephrology center, Kawasaki, JAPAN, 4Seirei Sakura Citizen Hosp, Dept Nephrology, Sakura, JAPAN.

MO039
RITUXIMAB FOR DIFFICULT TO TREAT IGG4 NEGATIVE CHRONIC PERIAORTITIS: A CASE SERIES OF 16 PATIENTS
Maria L. Urban1, Giacomo Emmi2, Federica Maritati1, Alessandra Palmisano1, Augusto Vaglio1, 1Univ Hosp Parma, Nephrology, Parma, ITALY, 2Univ Florence, Experimental and Clinical Medicine, Florence, ITALY.

MO040
SYNERGETIC B-CELL IMMUNOMODULATION WITH RITUXIMAB AND BELIMUMAB IS CLINICALLY EFFECTIVE IN SEVERE AND REFRACTORY SYSTEMIC LUPUS ERYTHEMATOSUS - THE SYNBIOSE PROOF-OF-CONCEPT STUDY
Tineke Kraaij1, Sylvia W.A. Kamerling1, Esther N.M. de Rooij1, Paul L.A. van Dael2, Ingeborg M. Bajema3, Obbo W. Breedewold1, Tom J.W. Huizinga4, Ton J. Rabelink1, Cees van Kooten1, Y.K. Onno Teng1, 1LUMC, Nephrology, Leiden, NETHERLANDS, 2Erasmus MC, Immunology, Rotterdam, NETHERLANDS, 3LUMC, Pathology, Leiden, NETHERLANDS, 4LUMC, Rheumatology, Leiden, NETHERLANDS.
Free Communication Session 23

**Paediatric nephrology**

Chairs: Peter Barany, Stockholm, Sweden
Fernando Santos, Oviedo, Spain

**FREE COMMUNICATIONS**

**MO041**
INCIDENCE AND RISK FACTORS FOR PAEDIATRIC ACUTE KIDNEY INJURY IN THE UK
Alasdair Henderson1, Masao Iwagami2, Christian Bottomley1, Kathryn Mansfield2, Laurie Tomlinson2, Dorothea Nitsch2, 1London School Hygiene & Tropical Medicine, Infectious Disease Epidemiology, London, UK, 2London School Hygiene & Tropical Medicine, Non-communicable Disease Epidemiology, London, UK.

**MO042**
PGLYCOPROTEIN AND MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN1 ON DIFFERENT TCELL SUBSETS IN IDIOPATHIC NEPHROTIC SYNDROME IN CHILDREN
Harshit Singh1, Narayan Prasad1, Vikas Agarwal2, Saurabh Chaturvedi2, Akhilesh Jaiswal1, Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, INDIA, 2Sanjay Gandhi Post Graduate Inst Medical Sciences, Clinical Immunology, Lucknow, INDIA.

**MO043**
FACTORS EXCLUDING RENAL ARTERY STENOSIS IN CHILDREN WITH HYPERTENSION
Marta Gracia1, Tam Buı2, Jens Peter Schenk2, Franz Schaefer3, Elke Wühl3, 1Univ Lleida, Nephrology, Lleida, SPAIN, 2Center Pediatrics and Adolescent Medicine, Univ Hosp Heidelberg, Radiology, Heidelberg, GERMANY, 3Center Pediatrics and Adolescent Medicine, Univ Hosp Heidelberg, Nephrology, Heidelberg, GERMANY.

**MO044**
DO WE HAVE EVIDENCE FOR BONE AND MINERAL METABOLISM ALTERATIONS IN CHILDREN WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE?
Stéphanie De Rechter1,2, Justine Bachetata3, Nathalie Godefroid4, Laurence Dubourg3, Pierre Cochat3, Julie Macquet5, Ann Raes6, Jean De Scheppe7, Pieter Vermeersch8, Maria Van Dyck1, Patrick D’Haese9, Elena Levchenko1,2, Pieter Evenepoeil0, Djalila Mekahi1,2, 1UZ Leuven, Pediatric Nephrology, Leuven, BELGIUM, 2KU Leuven, Lab Pediatric Nephrology, Leuven, BELGIUM, 3Hôp Femme Mère Enfant, Hospices Civils Lyon, Centre Référence Maladies Rénales Rares, Lyon, FRANCE, 4Cliniques Univ Saint-Luc, Pediatric Nephrology, Brussels, BELGIUM, 5CHC Liège, Pediatric Nephrology, Liège, BELGIUM, 6Univ Hosp Ghent, Pediatric Nephrology, Ghent, BELGIUM, 7Brussels Univ Hosp, Pediatric Endocrinology, Brussels, BELGIUM, 8UZ Leuven, Lab Medicine, Leuven, BELGIUM, 9Univ Antwerp, Lab Pathophysiology, Antwerp, BELGIUM, 10UZ Leuven, Internal Medicine, Div Nephrology, Leuven, BELGIUM.

**MO045**
LONG-TERM EFFECT OF RITUXIMAB TREATMENT ON B CELL MEMORY IN IDIOPATHIC NEPHROTIC SYNDROME PEDIATRIC PATIENTS
Marina Vivarelli, Manuela Colucci, Francesco Emma, Ospedale Pediatrico Bambino Gesù - IRCCS, Div Nephrology and Dialysis, Rome, ITALY.

**MO046**
FETUIN-A GENE POLYMORPHISM IS ASSOCIATED WITH INCREASED CAROTID INTIMA MEDIA THICKNESS IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Abdullahi Mudii1,2, Caroline Dickens3, Daynia Bello1, Cecil Levy1, 1Univ Witwatersrand, Paediatrics and Child Health, Johannesburg, SOUTH AFRICA, 2Bayero Univ, Paediatrics, Kano, NIGERIA, 3Univ Witwatersrand, Internal Medicine, Johannesburg, SOUTH AFRICA.
HALL N 117-118

Free Communication Session 24

Vascular access

Chairs: Nada Dimkovic, Belgrade, Serbia
Pietro Ravani, Calgary, Canada

FREE COMMUNICATIONS

MO047
INTERNATIONAL DIFFERENCES IN TIME FROM ARTERIOVENOUS FISTULA (AVF) CREATION UNTIL BECOMING CATHETER-FREE AMONG HD PATIENTS USING A CATHETER AT TIME OF AVF CREATION: RESULTS FROM THE DOPPS
Lindsay Zepel1, Haimanot Wasse2, Douglas Schaubel3, Steven Burke4, Jarcy Zee1, Hal Morgenstern5, Charmaine Lok6, Richard Fluck7, Kenneth J. Woodside8, Bruce M. Robinson1,9, Ronald L. Pisoni1, 1Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Northwestern Univ Feinberg School Medicine, Internal Medicine, Chicago, IL, 3Univ Michigan, Biostatistics, Ann Arbor, MI, 4Proteon Therapeutics, Internal Medicine, Waltham, MA, 5Univ Michigan, Epidemiology, Ann Arbor, MI, 6Univ Health Network-Toronto General Hosp, Nephrology, Toronto, ON, CANADA, 7Royal Derby Hosp, Nephrology, Derby, UK, 8Univ Michigan, Surgery, Ann Arbor, MI, 9Univ Michigan, Nephrology, Ann Arbor, MI.

MO048
DEVELOPING CORE VASCULAR ACCESS OUTCOMES FOR TRIALS IN HAEMODIALYSIS: AN INTERNATIONAL MULTISTAKEHOLDER SURVEY
Andrea K. Viecelli1, Allison Tong2, Angela Ju2, Martin Howell2, Emma O’Lone2, Jonathan C. Craig2, Carmel M. Hawley1, 1Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 2Children’s Hosp Westmead, Centre Kidney Research, Sydney, AUSTRALIA.

MO049
EFFECTS OF FISH OIL SUPPLEMENTATION AND ASPIRIN USE ON ARTERIOVENOUS FISTULA PATENCY, NEED FOR INTERVENTIONS AND DIALYSIS SUITABILITY IN PATIENTS REQUIRING HAEMODIALYSIS - POST HOC ANALYSIS OF THE FAVOURED STUDY
Andrea K. Viecelli1,2, Elaine M. Pascoe2, Carmel M. Hawley1,2, Kevan R. Polkinghorne3, Trevor A. Mori4, David W. Johnson1,2, Ashley B. Irish4, 1Princess Alexandra Hosp, Dept Nephrology, Brisbane, AUSTRALIA, 2Univ Queensland, School Medicine, Brisbane, AUSTRALIA, 3Monash Univ, School Public Health and Preventive Medicine, Melbourne, AUSTRALIA, 4Univ Western Australia, School Medicine and Pharmacology, Perth, AUSTRALIA.

MO050
FERUMOXYTOL-ENHANCED MAGNETIC RESONANCE ANGIOGRAPHY FOR THE ASSESSMENT OF PATIENTS WITH COMPLEX ANATOMY DUE FOR VASCULAR ACCESS CREATION
Sokratis Stoumpos1,2, Martin Hennessy3, Alex T. Vesey1, Aleksandra Radjensovic2, Ram Kasthuri3, Giles Roditi3, Peter Thomson1, Patrick B. Mark1, David B. Kingsmore1, 1Queen Elizabeth Univ Hosp, Renal & Transplant Unit, Glasgow, UK, 2Univ Glasgow, Cardiovascular Research Centre, Glasgow, UK, 3Queen Elizabeth Univ Hosp, Radiology, Glasgow, UK.

MO051
NON-INVASIVE DIAGNOSTICS OF RISK FACTORS FOR HEART COMPLICATIONS
Aleksei Zulkarnaev, Andrey Vatazin, Natalia Fominikh, Zurab Kardanahishvili, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, RUSSIAN FEDERATION.

MO052
MEASURING ARTERIOVENOUS FISTULA FLOWS DURING HAEMODIALYSIS - A COMPARISON OF METHODS
Rebecca Thiele, Raja Mohammed Kaja Kamal, Jeanette Cloran, Enric Vilar, Praveen Jeeraratnam, Lister Hosp, East & North Hertfordshire NHS Trust, Renal Unit, Stevenage, UK.
Symposium 43

**Diabetic nephropathy - how should it be treated?**

Chairs: **Loreto Gesualdo**, Bari, Italy  
**Peter Rossing**, Gentofte, Denmark

- **HbA1c - is it optimal for glycemic control assessment in chronic kidney disease?**  
  **Loreto Gesualdo**, Bari, Italy

- **Is there still a place for dual RAS blockade in nephroprotection of diabetic patients?**  
  **Giuseppe Remuzzi**, Bergamo, Italy

- **Treatment of hyperglycemia in chronic kidney disease**  
  **Bo Feldt-Rasmussen**, Copenhagen, Denmark

- **Haemodialysis-induced hypoglycaemia and glycaemic disarrays in the uremic milieu**  
  **Ivan Rychlik**, Prague, Czech Republic

Symposium 44

**Joint Symposium ERA-EDTA & ESH**  
(European Society of Hypertension)

Chairs: **Enrico Agabiti Rosei**, Brescia, Italy  
**Andrzej Więcek**, Katowice, Poland

- **Drug induced hypertension**  
  **Giovambattista Capasso**, Naples, Italy

- **Albuminuria – does it predict the risk of cardiovascular and renal events?**  
  **Ron T. Gansevoort**, Groningen, The Netherlands

- **Blood pressure and diabetic nephropaty**  
  **Josep Redon**, Valencia, Spain

- **Insufficient cardiovascular protection in CKD, can it be improved?**  
  **Luis M. Rulope**, Madrid, Spain
Symposium 45

Salt and the diseased kidney: an evil relationship or a too blamed one?

Chairs: Gerjan Navis, Groningen, The Netherlands
Jens Titze, Nashville, U.S.A.

What is the link between sodium, immune system and hypertension?
Ulrich O. Wenzel, Hamburg, Germany

Effect of salt on the cutaneous antimicrobial barrier function
Jens Titze, Nashville, U.S.A.

Salt restriction in hemodialysis patient - just a chimera?
Gerjan Navis, Groningen, The Netherlands

How far can we go with low salt diet in elderly CKD patients?
Mustafa Arici, Ankara, Turkey

Symposium 46

Immunosuppression after renal transplantation - less, more or appropriate?

Chairs: Uwe Heemann, Munich, Germany
Armando Torres, La Laguna, Spain

Innovative monitoring tools of immunosuppression after kidney transplantation
Rainer Oberbauer, Vienna, Austria

Mesenchymal stem cells transfusion a new desensitization tool before renal transplantation
Gamal Saadi, Cairo, Egypt

Monitoring of immunosuppressive drugs metabolites in kidney transplantation - helpful or dispensable?
Leszek Paczek, Warsaw, Poland

The fine line between under- and overimmunosuppression - impact of natural products and dietary supplements
Steven Gabardi, Boston, U.S.A.
Symposium 47

Focal segment glomerulosclerosis - new insights into pathomechanisms

Chairs: Tobias Huber, Freiburg, Germany
Jaakko Patrakka, Stockholm, Sweden

Lessons from the zebrafish
Jaakko Patrakka, Stockholm, Sweden

Glomerular disease signalling in FSGS
Tobias Huber, Freiburg, Germany

How does glomerular hypertrophy occur?
Marcus J. Moeller, Aachen, Germany

Novel pathways in FSGS: identification of a driver for the pathogenic parietal epithelial cells
Pierre-Louis Tharaux, Paris, France

Symposium 48

Muscle mass and fat mass in chronic kidney disease - assessment and implications

Chairs: Adrian Covic, Iasi, Romania
T. Alp Ikizler, Nashville, U.S.A.

Assessment of Protein-Energy Wasting - quest for the gold standard
Pieter M. Ter Wee, Amsterdam, The Netherlands

The dual impact of under- and overweight on morbidity and mortality in chronic kidney disease
Juan Jesus Carrero, Stockholm, Sweden

Can chronic kidney disease patients improve their muscle mass by nutritional means?
Denis Fouque, Lyon, France

Physical activity intervention - is it realistic in sedentary dialysis patients?
Amaryllis Van Craenenbroeck, Antwerp, Belgium
Free Communication Session 25 + Mini Lecture

CKD-MBD

Chairs: João Frazão, Porto, Portugal
        Pablo Antonio Urena Torres, Saint Ouen, France

Mini lecture
Phosphate binders in chronic kidney disease: a systematic review of recent data
Jürgen Floege, Aachen, Germany

FREE COMMUNICATIONS

MO053
REDUCTIONS IN MICRO RNA-145 NOT ONLY AGGRAVATE HIGH-PHOSPHORUS-DRIVEN CALCIFICATION IN ADVANCED CKD STAGES BUT ALSO COMPROMISE VASCULAR HEALTH IN EARLY UREMIA
Natalia Carrillo-López1, Sara Panizo1, Maria Vittoria Arcidiacono2,3, Sandra de la Fuente3, Anabel L. Castro-Grattoni3, Manuel Naves1, Isabel Rodríguez1, Jorge B. Cannata-Andia1,4, Adriana S. Duasso1, 1Hosp Univ Central de Asturias, Inst Reina Sofía Investigación, REDinREN del ISCIII, Bone and Mineral Research Unit, Oviedo, SPAIN, 2Univ Ferrara, Italy, Dept Morphology, Surgery and Experimental Medicine and LTTA Centre, Ferrara, ITALY, 3IRB Lleida, Div Experimental Nephrology, Lleida, SPAIN, 4Univ Oviedo, Dept Medicina, Oviedo, SPAIN.

MO054
INHIBITION OF THE RENIN-ANGIOTENSIN SYSTEM AMELIORATES BONE FRAGILITY THROUGH IMPROVED FUNCTION AND DECREASED APOPTOSIS OF OSTEOCYTE THROUGH BLOCKING OSTEOCYTIC ACTION
Yoko Sato1, Takuya Wakamatsu1, Yoshiko Iwasaki2, Suguru Yamamoto1, Akemi Ito3, Ichiei Narita1, Masafumi Fukagawa4, Junichiro J. Kazama5, 1Niigata Univ Graduate School Medical and Dental Sciences, Div Clinical Nephrology and Rheumatology, Niigata, JAPAN, 2Oita Univ Nursing and Health Sciences, Dept Health Sciences, Oita, JAPAN, 3Itto Bone Histomorphometry Inst, Niigata, JAPAN, 4Tokai Univ School Medicine, Div Nephrology, Endocrinology and Metabolism, Isehara, JAPAN, 5Fukushima Medical Univ, Dept Nephrology and Hypertension, Fukushima, JAPAN.

MO055
CIRCULATING CALCIPROTEIN PARTICLES AND EXTRACELLULAR VESICLES AS NOVEL PLAYERS IN CHRONIC KIDNEY DISEASE VASCULAR CALCIFICATION. A ROLE FOR GLA-RICH PROTEIN
Carla S. B. Viegas1,2, Lúcia Santos1, Anjos L. Macedo3, Rute Morais3, Ana P. Silva4,5, Pedro L. Neves4,5, António A. Matos6, Cees Vermeer7, Dina C. Simes1,2, 1Centre Marine Sciences (CCMAR), Univ Algarve, Faro, PORTUGAL, 2GenoGla Diagnostics, Centre Marine Sciences (CCMAR), Univ Algarve, Faro, PORTUGAL, 3UCIBIO@REQUIMTE, Dept Química, Fac Ciências e Tecnologia, Univ Nova Lisboa, Caparica, PORTUGAL, 4Nephrology, Centro Hosp Algarve, Faro, PORTUGAL, 5Dept Biomedical Sciences and Medicine, Univ Algarve, Faro, PORTUGAL, 6Centro Investigação Interdisciplinar Egas Moniz, Egas Moniz-Cooperativa de Ensino Superior CRL, Caparica, PORTUGAL, 7VitaK, Maastricht Univ, Maastricht, NETHERLANDS.
CTERMINAL FGF23 VERSUS INTACT FGF23 AS CARDIOVASCULAR PREDICTOR IN CHRONIC KIDNEY DISEASE

Johanna Schauerte, Insa Emrich, Sarah Seiler-Mußler, Danilo Fliser, Gunnar H. Heine, Saarland Univ, Nephrology, Homburg (Saar), GERMANY.

TYPES OF RENAL OSTEODYSTROPHY IN A PORTUGUESE PRE-DIALYSIS COHORT

Ricardo Neto1,2, Luciano Pereira1,2, Catarina Carvalho3,2, Juliana Magalhães2, Catarina Meng1,2, João Frazão1,2, 1Centro Hosp São João, EPE, Nephrology Dept, Porto, PORTUGAL, 2Univ Porto, Nephrology and Infectious Diseases Research and Development Group, INEB-(I3S), Porto, PORTUGAL, 3Hosp Braga, Nephrology Dept, Braga, PORTUGAL.
HALL N 107-108

Free Communication Session 26 + Mini Lecture

Peritoneal dialysis

Chairs: Bengt Lindholm, Stockholm, Sweden
        Dirk Struijk, Amsterdam, The Netherlands

Mini lecture
Molecular mediators of peritoneal fibrosis - role of Vitamin D Receptor Activators (VDRAs)
Rafael Selgas, Madrid, Spain

FREE COMMUNICATIONS

MO058
PREVENTION OF PERITONITIS IN PATIENTS WITH PERITONEAL DIALYSIS - EFFECTS OF REGULAR, TARGETED FOLLOW-UP OF PATIENTS’ THEORETICAL KNOWLEDGE AND PRACTICAL SKILLS WITH FOCUS ON INFECTION PROPHYLAXIS (PEPS) - A RANDOMIZED, CONTROLLED TRIAL
Susanne Ljungman1, Joergen Jensen2, Dag Paulsen3, Aivars Petersons4, Mai Rosenberg5, Heikki Saha6, Dirk Struijk7, Martin Wilkie8, Olof Heimburger9, Bernd Stegmayr10, Thomas Elung Jensen11, Ann-Cathrine Johansson12, Margareta Rydström13, Helga Gudmundsdottir14, Max Petzold15, 1Univ Gothenburg, Dept Nephrology, Gothenburg, SWEDEN, 2Odense Univ Hosp, Nephrology, Odense, DENMARK, 3Innlandet Hosp, Medicine, Lillehammer, NORWAY, 4Pauls Stradins Clin Univ Hosp, Nephrology, Riga, LATVIA, 5Univ Tartu, Medicine, Tartu, ESTONIA, 6Tampere Univ Hosp, Nephrology, Tampere, FINLAND, 7Med Centr Univ Amsterdam, Nephrology, Amsterdam, NETHERLANDS, 8Sheffield Kidney Inst, Nephrology, Sheffield, UK, 9Karolinska Univ Hosp, Nephrology, Stockholm, SWEDEN, 10Univ Hosp Northern Sweden, Nephrology, Umeå, SWEDEN, 11RigsHospitalen Univ Hosp, Nephrology, Copenhagen, DENMARK, 12Skaane Univ Hosp, Nephrology, Malmö, SWEDEN, 13Skaraborg Hosp Skövde, Nephrology, Skövde, SWEDEN, 14Oslo Univ Hosp Ullevål, Nephrology, Oslo, NORWAY, 15Sahlgrenska Academy, Univ Gothenburg, Center Applied Biostatistics, Gothenburg, SWEDEN.

MO059
ALANYLGUTAMINE ATTENUATES CELLULAR INJURY AND ENHANCES CYTOPROTECTIVE RESPONSES IN ENDOTHELIAL CELLS FOLLOWING EXPOSURE TO PERITONEAL DIALYSIS FLUIDS
Klaus Kratochwill1,2, Silvia Tarantino2, Anton Lichtenuer2, Rebecca Herzog1,2,3, Maria Bartosova4, Claus Peter Schmitt4, Christoph Aufricht2, 1Medical Univ Vienna, Christian Doppler Lab Molecular Stress Research in Peritoneal Dialysis, Vienna, AUSTRIA, 2Medical Univ Vienna, Pediatric Nephrology, Vienna, AUSTRIA, 3Zytoprotec, Research, Vienna, AUSTRIA, 4Univ Heidelberg, Center Pediatric and Adolescent Medicine, Heidelberg, GERMANY.

MO060
IMPACT OF ALTERED TRANSPORT CHARACTERISTICS ON PERITONEAL TISSUE PROFILES OF WATER AND SOLUTES IN CAPD PATIENTS WITH ULTRAFILTRATION FAILURE
Joanna Stachowska-Pietka1, Jan Polesczuk1, Bengt Lindholm2, Jacek Waniewski1, 1Nalecz Inst Biocybernetics and Biomedical Engineering PAS, Dept Mathematical Modelling of Physiological Processes, Warsaw, POLAND, 2Karolinska Inst, Div Baxter Novum and Renal Medicine, Stockholm, SWEDEN.
MO061
EARLY PERITONEAL DIALYSIS ATTRITION: PRELIMINARY RESULTS FROM THE PERITONEAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (PDOPPS)
Jeffrey Perl1, Junhui Zhao2, Brian Bieber2, Keith McCullough2, Yun Li3, Matthew Oliver4, James A. Sloand5, Rachael L. Morton6, Tadashi Tomo7, Bruce M. Robinson2, PDOPPS clinical application of PD therapy working group, 1Univ Toronto, Fac Medicine, Toronto, ON, CANADA, 2Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 3Univ Michigan, School Public Health, Ann Arbor, MI, 4Sunnybrook Health Sciences Centre, Dept Medicine Partnership, Toronto, ON, CANADA, 5Baxter Healthcare Corporation, Renal Div, Deerfield, IL, 6Univ Sydney, NHMRC Clinical Trials Centre, Sydney, AUSTRALIA, 7Oita Univ, Clinical Engineering Research Center, Oita, JAPAN.

MO062
NOVEL GLUCOSE SPARING REGIMES FOR AUTOMATED PERITONEAL DIALYSIS
Carl M. Öberg, Lund Univ, Dept Nephrology, Lund, SWEDEN.
SALA NEPTUNO

Free Communication Session 27 + Mini Lecture

Renal epidemiology

Chairs: Ionut Nistor, Iasi, Romania
Muhammad Magdi Yaqoob, London, United Kingdom

Mini lecture
Serum sodium: association to all-cause and cardiovascular mortality in chronic kidney disease
Philip A. Kalra, Salford, United Kingdom

FREE COMMUNICATIONS

MO063
ANY GRADE OF RELATIVE OVERHYDRATION IS ASSOCIATED WITH LONG-TERM MORTALITY IN PATIENTS WITH STAGE 4 AND 5 NON-DIALYSIS CHRONIC KIDNEY DISEASE
Almudena Vega, Soraya Abad, Nicolás Macías, Inés Aragoncillo, Ana Garcia-Prieto, Tania Linares, José Luño, Hosp General Univ Gregorio Marañón, Nephrology, Madrid, SPAIN.

MO064
CORRELATION BETWEEN SODIUM IN SPOT URINE AND 24-HOUR URINE COLLECTION - EFFECTS OF CHRONIC KIDNEY DISEASE (CKD) STAGE AND USE OF DIURETICS
Johanna T. Kurzhagen1, Stephanie Titze2,1, Beatrix Büschges-Seraphin3, Markus P. Schneider1, Kai-Uwe Eckardt1, Karl F. Hilgers1, 1Univ Erlangen-Nürnberg, Nephrology and Hypertension, Erlangen, GERMANY, 2Kassenärztliche Bundesvereinigung, KBV, Berlin, GERMANY, 3KfH Fürth, Nephrology, Fürth, GERMANY.

MO065
EVALUATION OF A GENETIC RISK SCORE BASED ON CREATININE ESTIMATED EGFR AND ITS ASSOCIATION WITH KIDNEY OUTCOMES
Chris H.L. Thio1, Peter J. van der Most1, Ilja M. Nolte1, Pim van der Harst2, Ute Bültmann3, Ron T. Gansevoort4, Harold Snieder1, 1UMC Groningen, Epidemiology, Groningen, NETHERLANDS, 2UMC Groningen, Cardiology, Groningen, NETHERLANDS, 3UMC Groningen, Health Sciences, Groningen, NETHERLANDS, 4UMC Groningen, Nephrology, Groningen, NETHERLANDS.

MO066
ELEVATED POTASSIUM LEVELS IN PATIENTS WITH CHRONIC KIDNEY DISEASE. INCIDENCE, RISK FACTORS AND CLINICAL OUTCOMES
Reimar W. Thomsen1, Sia K. Nicolasen1, Pål Hasvold2, Henrik T. Sørensen1, 1Aarhus Univ Hosp, Dept Clinical Epidemiology, Aarhus, DENMARK, 2AstraZeneca Nordic, Medical Dept, Etterstad, Oslo, NORWAY.

MO067
THE RELATIONSHIP BETWEEN SERUM K+ AND INCIDENCE RATES OF MAJOR ADVERSE CARDIOVASCULAR EVENTS AND MORTALITY IN UK PATIENTS WITH CKD
Lei Qin1, Phil McEwan2, Marc Evans3, Klas Bergenheim4, Laura Horne5, Susan Grandy1, 1AstraZeneca, Health Economics and Outcomes Research, Gaithersburg, MD, 2Swansea Univ, Swansea Centre Health Economics, Singleton Park, UK, 3Univ Hosp Llandough, Dept Medicine, Cardiff, UK, 4AstraZeneca, Health Economics and Outcomes Research, Gothenburg, SWEDEN, 5AstraZeneca, Global Medical Affairs, Gaithersburg, MD.
Free Communication Session 28 + Mini Lecture

Genetics and CKD

Chairs: A. Peter Maxwell, Belfast, United Kingdom
Oliver Devuyst, Zurich, Switzerland

Mini lecture
Genome-wide association studies in nephrology
Anna Koettgen, Freiburg, Germany

FREE COMMUNICATIONS

MO068
EFFICACY AND SAFETY OF MIGALASTAT, AN ORAL PHARMACOLOGICAL CHAPERONE FOR FABRY DISEASE: RENAL FINDINGS FROM TWO RANDOMIZED PHASE 3 STUDIES (FACETS AND ATTRACT)
Raphael Schiffmann1, Kathleen Nicholls2, Daniel Biche3, Ulla Feldt-Rasmussen4, Ana Jovanovic5, Deerralynn Hughes6, Vipul Jain7, Jeffrey Castelli7, Nina Skuban7, Jay Barth7, 1Baylor Research Inst, Inst Metabolic Disease, Dallas, TX, 2Royal Melbourne Hosp, Dept Nephrology, Parkville, AUSTRALIA, 3Hop Sacre-Coeur, Dept Nephrology, Montreal, QC, CANADA, 4RigsHospital, Univ Copenhagen, Dept Endocrinology, Copenhagen, DENMARK, 5Salford Royal Hosp, Mark Holland Metabolic Unit, Manchester, UK, 6Royal Free NHS Foundation Trust and Univ College London, Dept Hematology, London, UK, 7Amicus Therapeutics, Inc., Clinical Research, Cranbury, NJ.

MO069
LRP2 VARIANTS IN DENT DISEASE PATIENTS WITH NO DETECTABLE MUTATION IN CLCN5 AND OCRL GENES
Liliana Terrin1, Loris Bertoldi2, Monica Ceol1, Lisa Gianesello1, Giovanna Priante1, Dorella Del Pretel1, Giorgio Valle2, Franca Anglani1, 1Lab Histomorphology and Molecular Biology of the Kidney, Clinical Nephrology, Dept Medicine-DIMED, Univ Padova, Padova, ITALY, 2Univ Padova, CRIB1, Padova, ITALY.

MO070
CLINICAL AND GENETIC FEATURES IN A LARGE SPANISH COHORT WITH HETEROZYGOUS MUTATIONS IN COL4A3-COL4A4 GENES
Monica Furlano1, Gemma Bullich2, Nadia Ayasreh1, Patricia Ruiz2, Laura Lorente2, José A. Ballarin1, Elisabet Ars2, Roser Torra1, 1Fundació Puigvert, Nephrology, Barcelona, SPAIN, 2Fundació Puigvert, Molecular Biology Lab, Barcelona, SPAIN.

MO071
NPHP1 DELETIONS CAUSE ESRD IN 0.9% OF ADULT-ONSET CASES
R Snoek1, J van Setten2, BJ Keating3, A van der Zwaag4, NV Knoers5, MH de Borst6, AM van Eerde5, For the TransplantLines-Genetics Consortium, 1Univ Utrecht Medical Center, Genetics and Center for Molecular Medicine, Utrecht, NETHERLANDS, 2Univ Medical Center Utrecht, Cardiology, Utrecht, NETHERLANDS, 3Penn Transplant Inst, Surgery, Philadelphia, PA, 4Univ Medical Center Utrecht, Genetics, Utrecht, NETHERLANDS, 5Univ Medical Center Utrecht, Genetics and Center for Molecular Medicine, Utrecht, NETHERLANDS, 6Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS.
MO072
GENETIC AND CLINICAL CHARACTERIZATION OF A LARGE COHORT OF PATIENTS WITH DISTAL RENAL TUBULAR ACIDOSIS
Francesca Becherucci1, Viviana Palazzo2, Aldesia Provenzano2, Giulia Sansavini1, Benedetta Mazzinghi1, Rosa Maria Roperto1, Marco Materassi1, Paola Romagnani1,2,3, Sabrina Giglio4,2, 1Meyer Children’s Hosp, Nephrology and Dialysis Unit, Florence, ITALY, 2Univ Florence, Dept Biomedical Experimental and Clinical Sciences Mario Serio, Florence, ITALY, 3Univ Florence, Excellence Center DENOTHE, Florence, ITALY, 4Meyer Children’s Hosp, Medical Genetics Unit, Florence, ITALY.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Session Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid-base, uric acid &amp; nephrolithiasis</td>
<td>MP001-MP016</td>
</tr>
<tr>
<td>Cell biology &amp; hormones</td>
<td>MP017-MP051</td>
</tr>
<tr>
<td>Renal pathology</td>
<td>MP052-MP098</td>
</tr>
<tr>
<td>Clinical hypertension</td>
<td>MP099-MP130</td>
</tr>
<tr>
<td>Clinical nephrology II</td>
<td>MP131-MP181</td>
</tr>
<tr>
<td>Glomerulonephritis II</td>
<td>MP182-MP234</td>
</tr>
<tr>
<td>Experimental AKI II</td>
<td>MP235-MP263</td>
</tr>
<tr>
<td>Clinical AKI - epidemiology II</td>
<td>MP264-MP307</td>
</tr>
<tr>
<td>CKD - GFR and laboratory methods</td>
<td>MP308-MP326</td>
</tr>
<tr>
<td>CKD - Pathophysiology &amp; progression II</td>
<td>MP327-MP369</td>
</tr>
<tr>
<td>CKD - Clinical epidemiology II</td>
<td>MP370-MP411</td>
</tr>
<tr>
<td>CKD - Anaemia</td>
<td>MP412-MP426</td>
</tr>
<tr>
<td>CKD - Nutrition &amp; Inflammation II</td>
<td>MP427-MP462</td>
</tr>
<tr>
<td>CKD - Rehabilitation</td>
<td>MP463-MP475</td>
</tr>
<tr>
<td>Diabetes -Basic science</td>
<td>MP476-MP507</td>
</tr>
<tr>
<td>Dialysis - techniques &amp; adequacy II</td>
<td>MP508-MP538</td>
</tr>
<tr>
<td>Peritoneal dialysis II</td>
<td>MP539-MP577</td>
</tr>
<tr>
<td>Dialysis - Cardiovascular complications II</td>
<td>MP578-MP622</td>
</tr>
<tr>
<td>Dialysis - Vascular access II</td>
<td>MP623-MP663</td>
</tr>
<tr>
<td>Dialysis - Bone disease</td>
<td>MP664-MP701</td>
</tr>
<tr>
<td>Dialysis - Epidemiology &amp; outcome II</td>
<td>MP702-MP750</td>
</tr>
<tr>
<td>Dialysis - Health service</td>
<td>MP751-MP773</td>
</tr>
<tr>
<td>Renal transplantation - Epidemiology &amp; outcome II</td>
<td>MP774-MP822</td>
</tr>
<tr>
<td>Paediatric nephrology</td>
<td>MP823-MP863</td>
</tr>
<tr>
<td>History of nephrology</td>
<td>MP864-MP876</td>
</tr>
</tbody>
</table>
ACID-BASE, URIC ACID & NEPHROLITHIASIS

MP001
ASYMPTOMATIC HYPERURICEMIA IS INDEPENDENTLY CORRELATED WITH CORONARY ARTERY CALCIFICATION IN THE ABSENCE OF OVERT CORONARY ARTERY DISEASE
Hyunwook Kim1, Hyung Jong Kim2, Jung Eun Lee1, Hoon Young Cho1, Seok-hyung Kim1, Hyeong-Cheon Park1, 1Yonsei Univ College Medicine, Dept Internal Medicine, Seoul, SOUTH KOREA, 2CHA Univ School Medicine, Dept Internal Medicine, Seongnam-si, SOUTH KOREA.

MP002
THE URINARY SODIUM AND POTASSIUM EXCRETION AFTER PHYSICAL EXERCISE
Wojciech Wołyniec1, Wojciech Ratkowski2, Katarzyna Kasprowicz3, Robert Urbanski2, Marcin Renke4, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, POLAND, 2Gdansk Univ Physical Education and Sport, Dept Athletics, Gdansk, POLAND, 3Gdansk Univ Physical Education and Sport, Dept Physiology, Gdansk, POLAND, 4Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdynia, POLAND.

MP003
IS URIC ACID A MARKER IN OBSTRUCTIVE SLEEP APNEA SYNDROME?
Elif Torun Parmaksız1, Ergün Parmaksız2, Banu Salepci1, Gülsen Güngör1, Sevda Cömert1, Zerrin Bicik Bahçebaşi1, 1Kartal Dr.Lütfi Kirdar Education and Reserach Hosp, Chest diseases, Istanbul, TURKEY, 2Kartal Dr.Lütfi Kirdar Education and Reserach Hosp, Nephrology, Istanbul, TURKEY.

MP004
EMPAGLIFLOZIN REDUCES OF INORGANIC PHOSPHATE EXCRETION IN NON-DIABETIC RATS WITH CHRONIC HEART FAILURE?
Olga Beresneva1, Aleksandr Kulikov2, Marina Parastava1, Sergey Okovityi3, Dmitry Ivkin4, Irina Zubina1, Mokhamad Khasan1, Ivan Kayukov1, Anatoly Kucher1, 1First Saint-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION, 2First Saint-Petersburg State Medical Univ named after I.P. Pavlov, Dept Clinical Physiology and Functional Diagnostics, Saint-Petersburg, RUSSIAN FEDERATION, 3Saint-Petersburg State Chemical Pharmaceutical Academy, Dept Pharmacology and Clinical Pharmacology, Saint-Petersburg, RUSSIAN FEDERATION, 4St. Petersburg State Chemical Pharmaceutical Academy, Center Experimental Pharmacology, Saint-Petersburg, RUSSIAN FEDERATION.

MP005
HYPERURICEMIA IS ASSOCIATED WITH RAPID GLOMERULAR FILTRATION RATE DECLINE IN NORMAL RENAL FUNCTION SUBJECTS WITHOUT GOUT: A PROSPECTIVE COMMUNITY BASED STUDY
Heng-Chih Pan1, Yu-Chi Kuo2, Chun-Chieh Chang1, Chiao-Yin Sun1, Chin-Chan Lee1, 1Keelung Chang Gung Memorial Hosp, Div Nephrology, Dept Internal medicine, Keelung, TAIWAN, 2Chang Gung Univ, College Medicine, Taoyuan, TAIWAN.

MP006
TSS-SEQ ANALYSIS OF LOW PH-INDUCED GENE EXPRESSION IN INTERCALATED CELLS OF THE RENAL COLLECTING DUCT
Yuichiro Izumi, Koji Eguchi, Yushi Nakayama, Hideki Inoue, Yutaka Kakizoe, Takashige Kuwabara, Masashi Mukoyama, Kumamoto Univ, Nephrology, Kumamoto, JAPAN.

MP007
FUROSEMIDE DOES NOT CAUSE ENAC-INDEPENDENT URINE ACIDIFICATION IN MAN
Anneke Bech, Tom Nijenhuis, Jack Wetzel, Radboud Univ Medical Center, Nephrology, Nijmegen, NETHERLANDS.

MP008
XEROSTOMIA EVALUATED WITH THE MODIFIED SCHIRMER TEST AND RENAL REPLACEMENT THERAPY INITIATION: IS THERE A CONNECTION?
Ruxandra Busuioc1, Simona Stancu1,2, Gabriel Stefan1,2, Gabriel Mircescu1,2, 1Dr. Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, ROMANIA.

MP009
ELEVATION OF PLASMA URIC ACID LEVELS IN URICASE KNOCKOUT MICE BY DIETARY SODIUM LOAD
Makoto Hosoyama1, Naoko H. Tomioka1, Yuko Sekine2, Kimiyoshi Ichida3, 1Teikyo Univ Fac Pharma-Sciences, Human Physiology and Pathology, Tokyo, JAPAN, 2Chiba Univ Fac Pharmaceutical Sciences, Pratucal Pharmacology, Chiba, JAPAN, 3Tokyo Univ Pharmacy and Life Sciences, Pathophysiology, Tokyo, JAPAN.
Posters

MP010
USE OF FEBUXOSTAT IN HYPERURICEMIA AMONG HEMODIALYSIS PATIENTS
Mahmoud H. Imam, Benha Univ, Internal medicine Dept, Benha, EGYPT.

MP011
RENSAL MANIFESTATIONS IN INFLAMMATORY BOWEL DISEASES
Mevlut Tamer Dincer1, Serkan Feyyaz Yalin1, Zeynep Toker Dincer1, Sinan Trabulsu1, Nurhan Seyahi1, Aykut Ferhat Celic2, Mehmet Riza Altiparmak1, 1Cerrahpasa Medical Fac, Internal Medicine/Nephrology, Istanbul, TURKEY, 2Cerrahpasa Medical Fac, Internal Medicine/Gastroenterology, Istanbul, TURKEY.

MP012
PROBABILITY OF RENAL STONE FORMATION (PSF) IN OBESE PATIENTS BEFORE AND AFTER GASTRIC BY-PASS SURGERY; APPLICABILITY OF A PREVENTIVE STRATEGY

MP013
THE ANTIBIOTIC PROPHYLAXIS AFFECT ON THE COLON OXALOBACTER FORMIGENES COLONIZATION IN PATIENTS WITH RECURRENT PYELONEPHRITIS AND HYPEROXALURIA (PILOT STUDY)
Natalia Stepanova1, Ganna Tolstanova2, Natalia Stashevska1, Natalia Dzyubenko2, Tetyana Sergyuchuk2, Tetyana Sergyuchuk2, Iryna Akulenko2, 1State Institution Inst Nephrology of the National Academy of Medical Sciences, Nephrology and Dialysis, Kyiv, UKRAINE, 2Taras Shevchenko National Univ Kyiv, Educational and Scientific Centre Inst Biology and Medicine, Kyiv, UKRAINE.

MP014
CONCOMITANT ACUTE PYELONEPHRITIS AFFECTS RENAL OUTCOME IN OBSTRUCTIVE UROPATHY BY UROLITHIASIS
Eunghyun Lee, Jin Ho Hwang, Su-Hyun Kim, Jung-ho Shin, Chung-Ang Univ Hosp, Dept Internal Medicine, Seoul, SOUTH KOREA.

MP015
PATTERNS OF PREOPERATIVE URINARY INFECTION IN A CONTEMPORARY SERIES OF STRUVITE STONE FORMERS UNDERGOING PERCUTANEOUS NEPHROLITHOTOMY
Daniela Petrova1, Kremena Petkova2, Stefan Vasiliev1, Iliya Saltirov2, 1Military Medical Academy, Dept Urology and Nephrology, Clinic Nephrology, Sofia, BULGARIA, 2Military Medical Academy, Dept Urology and Nephrology, Clinic Endourology and SWL, Sofia, BULGARIA.

MP016
HYPERCALCEMIA AND NEPHROCALCINOSIS INDUCED BY “PUMP AND POSE” INTRAMUSCULAR INJECTION
Rami Chiri, Kim Gabriel, Dania Chelala, Hiba Azar, Hotel Dieu de France Univ Hosp, Nephrology Dept, Beirut, LEBANON.
CELL BIOLOGY & HORMONES

**MP017**
PROTEIN O−GLCNACYLATION REGULATES MITOCHONDRIAL FUNCTION AND ALBUMIN REABSORPTION IN PROXIMAL TUBULAR CELLS O-GLCNACYLATION REGULATES MITOCHONDRIAL FUNCTION AND ALBUMIN REABSORPTION IN PROXIMAL TUBULAR CELLS
Sho Sugahara1, Shinji Kumel, Naoko Takeda1, Masami Chino-Kanaasaki1, Hisazumi Arakil, Motoko Yanagita2, Shin-ichi Arakil, Hiroshi Maegawa1, IShiga Univ Medical Science, Internal Medicine, Otsu, JAPAN, 2Kyoto Univ Hosp, Dept Nephrology, Kyoto, JAPAN.

**MP018**
ROLES OF FLUID SHEAR STRESS AND RETINOIC ACID IN THE DIFFERENTIATION OF PRIMARY CULTURED HUMAN PODOCYTES
Dong Ki Kim1, Kwon Wook Joo1, Jin Suk Han1, Jung-Hyun Kim2, Seoul National Univ Hosp, Internal Med, Seoul, SOUTH KOREA, 2Paichai Univ, Dept Home Economics Education, Daejeon, SOUTH KOREA.

**MP019**
ACTIVE VITAMIN D ATTENUATES UREMIA-INDUCED ENDOTHELIAL DYSFUNCTION
Marc Vila Cuenca1, P.L. Hordijk1, Marc Vervloet2, 1VUMC, Physiology, Amsterdam, NETHERLANDS, 2VUMC, Nephrology, Amsterdam, NETHERLANDS.

**MP020**
PHOSPHATE NICLOSAMIDE MITIGATES RENAL FIBROSIS THROUGH INHIBITING HIPK2 EXPRESSION
Xiaoyan Chang, Southern Medical Univ, Nephrological Institution, Guangzhou, CHINA.

**MP021**
IMPAIRED ENDOTHELIAL CELL INTERACTION IN HUMAN UREMIA IS PREVENTED BY ACTIVE VITAMIN D: AN IN VITRO APPROACH
Marc Vila Cuenca1, Marc Vervloet2, P.L. Hordijk1, 1VUMC, Physiology, Amsterdam, NETHERLANDS, 2VUMC, Nephrology, Amsterdam, NETHERLANDS.

**MP022**
CONTRIBUTION OF THE UREMIC MILIEU ON THE PRO-INFLAMMATORY MONOCYTIC PHENOTYPE
Natalia Bonan1, Griet Glorieux2, Roberto Pecois-Filho1, Wim Van Biesen2, Raymond Vanholder2, Andrea Moreno-Amaral1, Eva Schepers2, 1Pontifical Univ Catholic Parana, LEM, Curitiba, BRAZIL, 2Ghent Univ Hosp, Internal Medicine, Nephrology, Gent, BELGIUM.

**MP023**
INTEGRIN LINKED KINASE REGULATES THE TRANSCRIPTION OF AQP2 BY NFATC3
Marco Hatem-Vaquerol1,2, Mercedes Grierlal1,2, Wieslawa Giermakowska3, Alicja Luengo1,2, Andrea Garcia-Jerez1,2, Laura Calleros1,2, Diego Rodriguez-Puyol1,2, Laura Gonzalez-Besc3, Manuel Rodriguez-Puyol1,2, Sergio de Frutos1,2, 1Univ Alcalá, Dept Systems Biology, Physiology Unit, Alcalá de Henares, SPAIN, 21Inst Reina Sofia Investigacion Renal and REDinREN, Inst Salud Carlos III, Madrid, SPAIN, 3Univ New Mexico, Dept Cell Biology and Physiology, Albuquerque, NM, 41Hosp Principe de Asturias, Biomedical Research Foundation and Nephrology Dept, Alcalá de Henares, SPAIN.

**MP024**
ANKHD1 REGULATES THE JAKSTAT PATHWAY IN KIDNEY FIBROSIS
Maria Fragiadaki, Univ Sheffield, Academic Unit Nephrology, Dept Infection, Immunity and Cardiovascular disease, Sheffield, UK.

**MP025**
RAFAMYCIN PROMOTES PODOCYTE AUTOPHagy AND AGGRAVATES RENAL INJURY IN IUPUS NEPHRITIS
Juan Jin, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

**MP026**
THYROID HORMONE REPRESSES THE ACTIVATION OF NF-κB PATHWAY AND AMELIORATES KIDNEY INJURY
Takeyuki Takamura, Fumihiko Furuya, Tetsuharu Oku, Kenichiro Kitamura, Univ Yamanashi, Third Dept Internal Medicine, Chuo, JAPAN.

**MP027**
ABSENCE OF ANDROGEN RECEPTOR SIGNALING MAY PROMOTE KIDNEY FIBROSIS AND ACUTE KIDNEY INJURY
Toru Sakairi1, Keiju Hiromura1, Hiroko Hamatanai1, Masao Nakasatomi1, Hidekazu Ikeuchi1, Yoriaki Kaneko1, Akito Maeshima1, Yoshinisa Nojima2, 1Gunma Univ Graduate School Medicine, Dept Nephrology and Rheumatology, Maebashi, Gunma, JAPAN, 2Maebashi Red Cross Hosp, Dept Rheumatology and Nephrology, Maebashi, Gunma, JAPAN.
MP028
TISSUE AND URINARY KIM-1 RELATE WITH TUMOR CHARACTERISTICS IN PATIENTS WITH CLEAR RENAL CELL CARCINOMA
Mirjana M. Mijuskovic1, Ivan Stanojevic2, Snezana Cerovic3, Dejan Petrovic4, Branka Terzic1, Bozidar Kovacevic3, Tamara Andjelic5, Predrag Aleksić6, Mirjana Đukić7, Danilo Vojvodić2, 1Military Medical Academy, Clinic Nephrology, Belgrade, SERBIA, 2Military Medical Academy, Inst Medical Research, Belgrade, SERBIA, 3Military Medical Academy, Inst Pathology, Belgrade, SERBIA, 4Clinic Centre Kragujevac, Clinic Urology, Nephrology and Dialysis, Kragujevac, SERBIA, 5Military Medical Academy, Inst Medical Biochemistry, Belgrade, SERBIA, 6Military Medical Academy, Clinic Urology, Belgrade, SERBIA, 7Fac Pharmacy, Univ Belgrade, Dept Toxicology, Belgrade, SERBIA.

MP029
LARGE T ANTIGEN IS CRITICAL FOR THE TG2 EXTRACELLULAR TRAFFICKING AND IS ASSOCIATED WITH RENAL FUNCTION
Che-Yi Chou1,2, 1Asia Univ Hosp, Div Nephrology, Taichung, TAIWAN, 2Asia Univ, Dept Biotechnology, Taichung, TAIWAN.

MP030
AN OPTIMIZED ASSAY TO ASSESS MEMBRANE PERMEABILITY CHANGES ON HUMAN GLOMERULAR ENDOTHELIAL CELL LINE
Petra Szoleczky, Gabor Kokeny, Gabor Szenasi, Rita Bencs, Laszlo Rosivall, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP031
UREMIC SOLUTES OF INDOXYL SULFATE AND P-CRESOL ENHANCE PROTEASE-ACTIVATED RECEPTOR-2 EXPRESSION IN HUMAN SKIN AND A CHRONIC KIDNEY DISEASE MOUSE MODEL
SUNG JIN MOON1, SEUNG JUN KIM1, CHAN HO KIM1, JAE HYUN CHANG2, HYUNG JONG KIM3, 1International St. Mary’s Hosp, Catholic Kwandong Univ, Nephrology, Incheon, SOUTH KOREA, 2Gil Medical Center, Gachon Univ, Nephrology, Incheon, SOUTH KOREA, 3Bundang CHA Hosp, Fochon CHA Univ, Nephrology, Sungnam, SOUTH KOREA.

MP032
ROLE OF CREB1 IN THE REGULATION OF EXPRESSION OF OAT1 AND OAT3 BY HUMAN ENDOTHELIAL CELLS IN THE PRESENCE OF PROTEIN BOUND UREMIC TOXINS p-CRESYL SULFATE AND INDOXYL SULFATE
Regiane S. Cunha1, Giane Favretto1, Paulo C. Gregório1, Rayana A. P. Marcelli1, Valentina Busato1, Wesley M. Souza2, Roberto Pecoits-Filho3, Andréa Stinghen1, 1Univ Federal Paraná, Basic Pathology Dept, Curitiba, BRAZIL, 2univ Federal Paraná, Clinical Analysis Dept, Curitiba, BRAZIL, 3Pontificia Univ Católica Paraná, School Medicine, Curitiba, BRAZIL.

MP033
TRITERYGIUM GLYCOSIDE UP-REGULAT AUTOPHAGY TO PROTECT THE PODOCYTE INJURY INDUCED BY PUROMYCIN AMINONUCLEOSIDE
Jianguang Gong, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MP034
CHANGES OF MICRORNAS AND TARGET GENES IN MOUSE CORTICAL COLLECTING DUCT CELLS TREATED BY ALDOSTERONE
Eui-Jung Park1, Hyun Jun Jung2, Hyo-Jung Choi1, Tae-Hwan Kwon1, 15Ch Med, Kyungpook National Univ, Dept Biochem and Cell Biol, Taegu, SOUTH KOREA, 2NHLBI, NIH, Epithelial Systems Biology Lab, Bethesda, MD.

MP035
BISPHENOL A INDUCES ENDOPLASMIC RETICULUM STRESS, APOPTOSIS AND A PROINFLAMMATORY RESPONSE ON ENDOTHELIAL CELLS
Rafael Ramirez-Carracedo, Paula Reventun, Irene Cuadrado, Carmen Muñoz-Moreno, Ricardo J Bosch, Marta Saura, Univ Alcalá, Biología Sistemas, Alcalá de Henares, Madrid, SPAIN.

MP036
NRIP2 IS REQUIRED FOR MEGALIN-DEPENDENT ENDOCYTOSIS VIA RETINOIC ACID PATHWAY IN ZEBRAFISH PRONIPHRIC TUBULE
Qing Hou, Weibo Le, Xiaodong Zhu, Ling Wang, Caihong Zeng, Weisong Qin, Zhaohong Chen, Zhi-Hong Liu, National Clinical Research Center of Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP037
ANTI-APOPTOTIC EFFECT OF GPR40 ACTIVATION IN TNF-ALPHA-INDUCED INJURY OF RAT PROXIMAL TUBULAR CELLS
Seong Kwon Ma, Soo Yeon Joo, In Jin Kim, Ha Yeon Kim, Chang Seong Kim, Eun Hui Bae, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, SOUTH KOREA.
MP038
THE ROLE OF RENAL VASCULAR ENDOTHELIAL-MESENCHYMALE TRANSITION IN SYSTEMIC LUPUS ERYTHEMATOSUS ASSOCIATED THROMBOI MICOANGIOPATHY
Weixin Hu, Yin Zhou, Yinghua Chen, Mingchao Zhang, Shaoshan Liang, Fan Yang, Hao Bao, Zhengzhao Liu, Zhihong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP039
ERK1/2 SIGNALING MEDIATED NARINGIN-INDUCED OSTEOGENIC DIFFERENTIATION OF THE IMMORTALIZED HUMAN PERIODONTAL LIGAMENT STEM CELLS
Yanshuang Xie1, Kai Wei1, Tianyu Chen3, Bo Fu1, Shaoxuan Cui1, Yan Wang3, Guangyan Cai1, Xiangmei Chen1, 1Chinese PLA General Hosp, Dept Nephrology, State Key Lab Kidney Diseases, Beijing, CHINA, 2Nankai Univ, Medical College, Tianjin, CHINA, 3Sun Yat-sen Univ, Guangzhou School Stomatology, Guangdong Provincial Key Lab Stomatology, Guangzhou, CHINA.

MP040
THE USE OF STATINS IS ASSOCIATED WITH A REDUCTION OF ENDOTHELIAL DYSFUNCTION MARKERS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
E García-Menéndez1, M Marques-Vidas1,2, M Alique3, J Carracedo4, P de Sequer3a, E Corchet3a, R Pérez-Garcia3a, R Ramírez-Chamomé5, J Portolesé1,2, 1HU Puerta de Hierro Majadahonda, Nephrology, Majadahonda, SPAIN, 2RED-InREN 06/0016/0022 RETIC ISCiii, Nephrology, Madrid, SPAIN, 3HU Infanta Leonor, Nephrology, Madrid, SPAIN, 4Inst Maimónides Investigación Biomédica Córdoba (IMIBIC)/Hosp Univ Reina Sofia/Univ Córdoba, Nephrology, Cell Damage Chronic Inflammation, Córdoba, SPAIN, 5Fac Medicina y Ciencias Salud, Univ Alcalá, Systems Biology, Alcalá de Henares, SPAIN.

MP041
THE CHANGE OF Fcγ RECEPTOR 1αmRNA IN THE GRAFT OF ACUTE REJECTION RAT RENAL TRANSPLANTATION MODEL
Yiqiao Li, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MP042
TUMOR NECROSIS FACTOR (TNF) α-CONVERTING ENZYME INHIBITOR ATTENUATES LIPOPOLYSACCHARIDE-INDUCED REACTIVE OXYGEN SPECIES AND MITOGEN-ACTIVATED PROTEIN KINASE IN HUMAN RENAL PROXIMAL TUBULE EPITHELIAL CELLS
Eun Hui Bae1, Sang Yeob Yim2, Chang Seong Kim1, Ha Yeon Kim1, Seong Kwon Ma1, Soo Wan Kim1, 1Chonnam National Univ Hosp, Internal Medicine, Gwangju, SOUTH KOREA, 2Korea Univ Medical School, Internal Medicine, Ansan, SOUTH KOREA.

MP043
IMMORTALIZATION AND IDENTIFICATION OF PORCINE METANEPHRIC MESENCHYMAL CELLS
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MP044
HOW MANY Podocyte AUTOPHAGOSOMES IN TWO KINDS OF NEPHROPATHY IgAN AND IMN
Shikai Liang, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MP045
AUTOPHAGY ACTIVITY AND EXPRESSION PATTERN OF AUTOPHAGY RELATED MARKERS IN THE Podocytes OF PATIENTS WITH IUPUS NEPHRITIS ASSOCIATION WITH PATHOLOGICAL CLASSIFICATION
Jiangang Gong, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MP046
SYNDROME OF INAPPROPRIATE ANTIDIURETIC HORMONE SECRETION TREATED WITH TOLVAPTAN AT A GENERAL HOSPITAL
Jose Miguel Hernandez Rey1, Esther Romero Ramirez2, Cayetana Moyano Peregrin2, Esperanza Miranda Sanchez1, 1Hosp Punta de Europa, Internal Medicine, Algeciras, SPAIN, 2Hosp Punta de Europa, Nephrology, Algeciras, SPAIN.

MP047
KLOTHO PROTECTS AGAINST RENAL FIBROSIS IN MICE BY UPREGULATING OXIDATIVE STRESS RESISTANCE AND AUTOPHAGY VIA MODULATION OF FOXO SIGNALING
Seok Joon Shin, Yaeni Kim, Hye Eun Yoon, Incheon St. Mary’s Hosp, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Incheon, SOUTH KOREA.

MP048
THE EVALUATION OF THE CHARACTERISTICS OF THREE-DIMENSIONAL CELL SPHERIODS FORMED FROM A COCULTURE OF STEM CELLS AND ENDOTHELIAL CELLS
Jun-Beom Park1, Hye Min Choi2, 1Catholic Univ Korea, Periodontics, Seoul, SOUTH KOREA, 2Seonam Univ Myongji Hosp, Internal Medicine, Goyang, SOUTH KOREA.
MP049
PTEROSTILBENE INHIBITS RENAL FIBROSIS BY BLOCKING TGF-BETA/SMAD SIGNALING IN MICE
Yanhuan Feng, Liang Ma, Fan Guo, Ping Fu, West China Hosp Sichuan Univ, Div Nephrology, Kidney Research Inst, Chengdu, CHINA.

MP050
IDENTIFYING HDL COMPOSITION AND FUNCTION IN PREECLAMPTIC AND NORMAL PREGNANCIES
Yael Einbinder1,2, Tal Biron-Shental3,2, Moran Agassi-Zaitler3, Keren Tzadik-Geffen3, Jacob Vaya4, Soliman Khatib4, Meital Ohana1, Sydney Benchetrit1,2, Tali Zitman-Gal1,2, Meir Medical Center, Nephrology and Hypertension, Kfar Saba, ISRAEL, 2Tel Aviv Univ, Sackler Fac Medicine, Tel Aviv, ISRAEL, 3Meir Medical Center, Dept Obstetrics and Gynecology, Kfar Saba, ISRAEL, 4Migal – Galilee Technology Center and Tel Hai College, Lab Oxidative Stress and Human Diseases, Kiryat Shmona, ISRAEL.

MP051
GENETIC BACKGROUND DETERMINES MURINE PRIMARY MESANGIAL CELL RESPONSE TO TGF-ß
Gabor Kokeny, Krisztina Fazekas, Petra Szoleczyk, Miklos M. Mozes, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.
RENAL PATHOLOGY

MP052
PERFUSED GLOMERULAR MICROVASCULAR UNIT. A GLOMERULAR PATHOPHYSIOLOGY MODEL
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MP053
INCREASED OR REDUCED PODOCYTE ZHX2 EXPRESSION EXACERBATES FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Maria Del Nogal Avila1, Hector Donoro Blázquez1, Caroline B. Marshall2, Carmen Avila Casado3, Camille E. Mac1, Lionel C. Clement1, Sumant S. Chugh1, Rush Univ Medical Center, Dept Internal Medicine, Chicago, IL, 2Univ Alabama Birmingham, Dept Medicine, Birmingham, AL, 3Univ Toronto, Dept Pathology, Toronto, ON, CANADA.

MP054
C5b9 DEPOSITS ON ENDOTHELIAL CELLS FOR THE EVALUATION OF COMPLEMENT FUNCTION IN THROMBOTIC MICROANGIOPATHIES OF DIFFERENT ORIGIN & THERAPY MONITORIZATION
Miquel Blasco1, Marta Palomo2,3, Patricia Molina3, Ginés Escolar3, Luis F. Quintana1, Lida Rodas1, Esteban Poch1, Maribel Díaz-Ricarti, Josep M. Campistol1, 1Hosp Clinic, Barcelona Unv, Nephrology and Kidney Transplant Unit, Barcelona, SPAIN, 2Hosp Clinic, Barcelona Univ, Josep Carreras Leukaemia Research Inst, Barcelona, SPAIN, 3Hosp Clinic, Barcelona Univ, Dept Hemotherapy and Hemostasis, Centre Diagnostic Biomedic (CDB), IDIBAPS, Barcelona, SPAIN.

MP055
MODELLING HUMAN GLOMERULOSCLEROSIS IN VITRO USING A 3-DIMENSIONAL TRI-CULTURE SYSTEM
Yvonne Richards1, John Waters1, Carol Moreno Quinn2, John R. Bradley1, 1Univ Cambridge, Medicine, Cambridge, UK, 2MedImmune, CVMD, Cambridge, UK.

MP056
C5B9 DEPOSITS ON ENDOTHELIAL CELLS FOR THE EVALUATION OF COMPLEMENT FUNCTION IN THROMBOTIC MICROANGIOPATHIES OF DIFFERENT ORIGIN & THERAPY MONITORIZATION
Miquel Blasco1, Marta Palomo2,3, Patricia Molina3, Ginés Escolar3, Luis F. Quintana1, Lida Rodas1, Esteban Poch1, Maribel Díaz-Ricarti, Josep M. Campistol1, 1Hosp Clinic, Barcelona Unv, Nephrology and Kidney Transplant Unit, Barcelona, SPAIN, 2Hosp Clinic, Barcelona Univ, Josep Carreras Leukaemia Research Inst, Barcelona, SPAIN, 3Hosp Clinic, Barcelona Univ, Dept Hemotherapy and Hemostasis, Centre Diagnostic Biomedic (CDB), IDIBAPS, Barcelona, SPAIN.

MP057
ASSOCIATION BETWEEN PATHOLOGY AND CLINICAL PARAMETERS IN IGA NEPHROPATHY
Takehiko Kawaguchi1, Satoshi Kumakura1, Eri Okada1, Mari Uehara1, Hiroshi Kitamura2, Toshiyuki Imasawa1, 1Chiba East Hosp, Dept Nephrology, Chiba, JAPAN, 2Chiba East Hosp, Dept Pathology, Chiba, JAPAN.

MP058
C-REACTIVE PROTEIN INDUCES RENAL INFLAMMATION VIA A CD32A-NF-KB-TLR4/MYD88 CIRCUIT
Zi Li, Xiaohong Tang, Haijiao Bao, West China Hosp, Nephrology, Chengdu, CHINA.

MP059
THE EFFECT OF IMATINIB IN ESTABLISHED FIBROSIS USING HUMAN PRECISION-CUT KIDNEY SLICES
Elisabeth G.D. Stribos1,2, Emilia Bigaeva1, Miriam Boersem1, Marc A. Seelen2, Harry van Goor3, Henricus A.M. Mutsaers1, Peter Olinga1, 1Univ Groningen, Dept Pharmaceutical Technology and Biopharmacy, Groningen, NETHERLANDS, 2Univ Medical Center Groningen, Dept Internal Medicine, Groningen, NETHERLANDS, 3Univ Medical Center Groningen, Dept Pathology and Medical Biology, Groningen, NETHERLANDS.

MP060
FUCOXANTHIN REDUCES RENAL TUBULOINTERSTITIAL FIBROSIS BY UPREGULATING NHE1
Tso-Hsiao Chen, Yuh-Mou Sue, Chung-Yi Cheng, Cheng-Hsien Chen, Taipei Medical Univ-Wan Fang Hosp, Dept Internal Medicine, Taipei, TAIWAN.
MP062
EXPLORING ALBUMIN UPTAKE IN HUMAN PODOCYTES: A POSSIBLE INVOLVEMENT FOR THE TUBULAR UPTAKE MACHINERY
Lisa Gianesello1, Giovanna Priante1, Ceol Monica1, Claudia M. Radu2, Moin A. Saleem3, Liliana Terrin1, Franca Anglani1, Dorella Del Prete1, 1Clinical Nephrology, Dept Medicine DIMED, Univ Padua, Padua, ITALY, 2Thrombotic and Hemorrhagic Diseases Unit, Dept Medicine DIMED, Univ Padua, Padua, ITALY, 3Academic and Children’s Renal Unit, Dorothy Hodgkin Building, Bristol, UK.

MP063
AGING-ASSOCIATED RENAL DISEASE IN MICE IS DEPENDENT ON FRUCTOKINASE
Takaji Ishimoto1,2, Carlos A. Roncal-Jimenez1, Miguel A. Lanasa1, Tamara Milagres1, Ana A. Hernandez1, Tomohito Doki2, Takahiro Hayasaki2, Shoichi Maruyama2, Richard J. Johnson1, 1Univ Colorado Denver, Renal Diseases and Hypertension, Aurora, CO, 2Nagoya Univ Graduate School Medicine, Nephrology, Nagoya, JAPAN.

MP064
THE NF-κB IS A KEY REGULATOR OF ACUTE BUT NOT CHRONIC RENAL INJURY
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MP065
CHRONIC RENAL FAILURE WORSENS ISCHEMIC STROKE SIZE AND ALTERS NEUROLOGICAL FUNCTIONS IN MICE
Lucie Hénault1, François Brazieri2,3, Maria Grissi1, Maryam Assem1,2,3, Said Kame1,4, Ziad A. Massy5,6, Jean-Marc Chillon1,7, 1Inserm U1088, Centre Univ Recherche en Santé, Amiens, FRANCE, 2Fac Medicine, Univ Picardie Jules Verne, Amiens, FRANCE, 3Div Nephrology, Amiens Univ Hosp, Amiens, FRANCE, 4Fac Pharmacy, Univ Picardie Jules Verne, Amiens, FRANCE, 5Div Nephrology, Ambroise Paré Univ Hosp, Boulogne-Billancourt, FRANCE, 6Inserm U1018, Cesp, uvsq, Villejuif, FRANCE, 7DRCI, Amiens Univ Hosp, Amiens, FRANCE.

MP066
TERTIARY LYMPHOID ORGANS IMPACTS THE PROGNOSIS OF RENAL OUTCOME AFTER TONSILLECTOMY PLUS STEROID THERAPY IN PATIENTS WITH IMMUNOGLOBULIN A NEPHROPATHY
Honami Mori1,2, Kaoru Tabei3, Katsunori Yanai1, Hiroki Ishii1, Taisuke Kitan1, Haruhisa Miyazawa1, Akinori Aomatsu1, Kiyonori It01, Yuichi Ueda1, Keiji Hira1, Taro Hoshin01, Yoshihiko Ueda4, Yuku Ono4, Susumu Ookayara1, Yoshiyuki Morishita1, 1Saitama Medical Center, Jichi Medical Univ, Div Nephrology, Dept First Integrated Medicine, Saitama, JAPAN, 2Saitama Northern Medical Center, Japan Community Healthcare Organization, Dept Internal Medicine, Saitama, JAPAN, 3Minamiaizuome City Hosp, Dept Internal Medicine, Niigata, JAPAN, 4Dokkyo Medical Univ Koshigaya Hosp, Dept Pathology, Saitama, JAPAN.

MP067
MICRORNA PROFILING USING NEXT-GENERATION SEQUENCING IN RENAL CANCER STEM CELLS: A NEW REGULATORY MECHANISM
Grazia Serino1,2, Fabio Sallustio3, Vanessa Galleggiante4, Monica Rutigliano4, Claudia Curci3, Giuseppe Lucarelli4, Pasquale Ditonno4, Sharon N. Cox5, Michele Battaglia4, Francesco P. Schena3,5, 1Univ Bari, Bari, ITALY, 2National Inst Gastroenterology, IRCCS, Lab Experimental Immunopathology, Castellana Grotte, ITALY, 3Univ Bari, Nephrology, Dialysis and Transplantation Unit, Dept Emergency and Organ Transplantation, Bari, ITALY, 4Univ Bari, Dept Emergency and Organ Transplantation-Urology, Andrology and Kidney Transplantation Unit, Bari, ITALY, 5Schena Foundation, Research Center Renal Diseases, Valenzano (Ba), ITALY.

MP068
A NOVEL SWINE MODEL OF CHRONIC RENAL DISEASE
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MP069
OVEREXPRESSION OF RAB7 AMELIORATES ABNORMAL EXTRACELLULAR MATRIX METABOLISM BY REGULATING AUTOPHAGIC FLUX IN RENAL PROXIMAL TUBULAR CELLS OVERLOADED WITH ALBUMIN
Lei Liu, Ping-Sheng Chen, Medical School, Southeast Univ, Dept Pathology and Pathophysiology, Nanjing, CHINA.

MP070
A POLYMER CONJUGATE NANOMEDICINE INHIBITS LPS-INDUCED MAPK ACTIVATION AND REDUCES ENDOXOEMIA-MEDIATED KIDNEY INFLAMMATION
Cristian González-Guerrero1, María Jesús Vicent2, Alberto Ortiz1, Adrian Ramos1, 1IIS Fundacion Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Centro Investigación Príncipe Felipe, Lab Polímeros Terapéuticos, Valencia, SPAIN.
MP071
MITOCHONDRIAL FRAGMENTATION AND ELEVATED LEVELS OF MIOX EXPRESSION IS NOT OBSERVED IN HUMAN CKD
Anette Ericsson1, Birgitta Rosengren1, Ann-Katrin Andersson1, Kjell Hultenby2, Märten Hammar1, Magnus Soderberg3, Anil Karirhaloo1, AstraZeneca R&D Gothenburg, Cardiovascular & Metabolic Disease Innovative Medicines, Mölndal, SWEDEN, 2Karolinska Inst, Dept Lab Medicine, Clinical Research Center, Stockholm, SWEDEN, 3AstraZeneca R&D Gothenburg, Drug, Safety & Metabolism, Mölndal, SWEDEN.

MP072
EFFECT OF FUROSEMIDE ON THE LOOP OF HENLE BY USING 0.45% NACL LOADING
Gen Yasuda, Shiro Komiyi, Sanae Saka, Tatsuya Haze, Yokohama City Univ, Nephrology, Yokohama, JAPAN.

MP073
IN VITRO MODEL OF NEPHROCALCINOSIS: IS APOPTOSIS IN GDNF SILENCED HK2 CELLS THE TRIGGER OF CAC2PO4 MINERALIZATION PROCESS?
Giovanna Priante1, Fedrica Quaggiol1, Lisa Gianesello1, Monica Ceol1, Liliana Terrin1, Claudio Furlan2, Dorella Del Frete1, Franca Anglan1, 1Lab Histomorphology and Molecular Biology Kidney, Clinical Nephrology, Dept Medicine DIMED, Univ Padova, Padova, ITALY, 2Centre ESEM and SEM analysis, CEASC, Univ Padova, Padova, ITALY.

MP074
PROTECTIVE EFFECT OF NITRIC OXIDE RELEASING NANOFIBER ON RENAL ISCHEMIA-REPERFUSION INJURY IN RATS
Jin Sug Kim1, Hyung Joon Ahn2, Da Rae Kim1, Su Woong Jung1, Eun Ji Park1, Yu Ho Lee1, Tae Won Lee1, Chun Gyoo Ihn1, Sang Ho Lee1, Ju-Young Moon1, Yang Gyun Kim1, Kyung Hwan Jeong1, 1School Medicine, Kyung Hee Univ, Seoul, SOUTH KOREA, 2School Medicine, Kyung Hee Univ, Surgery, Seoul, SOUTH KOREA.

MP075
INTEGRIN LINKED KINASE DELETION PROTECTS FROM INFLAMMATION AND FIBROSIS PROGRESSION UNDER LIE ADENINE INDUCED CKD
Andrea García-Jérez1,2, Alicia Luengo1,2, Marco Hatem-Vaquero1,2, Mercedes Grier1,2, Sergio de Frutos1,2, Francisco O’Valle3, Manuel Rodriguez-Puyol1,2, Laura Calleros1,2, 1Alcalá Univ, Systems Biology, Alcalá de Henares, SPAIN, 2nstit Reina Sofia Investigación Renal and REDinREN, Inst Salud Carlos III, Madrid, SPAIN, 3Granada Univ, Anatomía Patológica e Historia Ciencia, Granada, SPAIN, 4Hosp Univ Principe de Asturias, Biomedical Research Foundation and Nephrology Dept, Alcalá de Henares, SPAIN.

MP076
COMPREHENSIVE PROFILING OF THE COMPLEMENT SYSTEM IN ANCA ASSOCIATED VASCULITIS
Josué Gutierrez Tenorio1, Javier Villacorta Pérez2, Laura Lucientes Continentl1, Beatriz Sánchez Alamo2, Francisco Díaz-Crespo3, Gema Fernández-Juárez2, Elena Goicoechea de Jorgel1, 1Complutense Univ, Dept Microbiology I, School Medicine, Madrid, SPAIN, 2Hosp Univ Fundación Alcorcón, Nephrology Dept, Madrid, SPAIN, 3Hosp Virgen del la Salud, Pathology Dept, Toledo, SPAIN, 4Research Inst Hosp 12 de Octubre (imas12), Dept Immunitary Disorders, Madrid, SPAIN.

MP077
SINGLE-CRYSTAL X-RAY DIFFRACTION (SC-XRD) AND SCANNING ELECTRON MICROSCOPY - ENERGY DISPERSIVE X-RAY ANALYSIS (SEM-EDX) FOR THE IDENTIFICATION OF CALCIUM OXALATE DEPOSITION IN A RENAL BIOPSY
Marco Delvante1, Francesco Mezzadri2, Davide Delmonte3, Marica Galetti4, Marilena Minari1, Ilaria Gandolfini1, Salvatore David1, 1Parma Univ Neph, H nephrology, Parma, ITALY, 2Univ Parma, Chemistry, Parma, ITALY, 3Consiglio Nazionale Ricerche, 1st Materiali per Elettronica e Magnetismo, Parma, ITALY, 4Italian Worker’s Compensation Authority (INAIL), CERT Research Centre Univ Parma, Parma, ITALY.

MP078
STUDY OF THE EFFECT OF ADIPOSE TISSUE DERIVED STEM CELL (ASC) IN THE PROGRESSION OF RENAL DISEASE IN SHR RATS INDUCED TO METABOLIC SYNDROME
Renata Nakamichi1, Camila N. Oliveira1, Evelyn M.M. Jordes e Silva1, Beata M.R. Quinto1, Maria A. Dalboni1,2, Mauro L. Cesaretti1,3, Marcelo C. Batista1,4, 1Parana Federal Sao Paulo, Nephrology, Sao Paulo, BRAZIL, 2Univ Nove de Julho, Medicine, Sao Paulo, BRAZIL, 3Pontificia Univ Catalolica Sao Paulo, Medicine, Sao Paulo, BRAZIL, 4Hosp Israelita Albert Einstein, Medicine, Sao Paulo, BRAZIL.

MP079
TWO CASES OF ACUTE KIDNEY INJURY WITH KARYOMEGALIC INTERSTITIAL NEPHRITIS AFTER NIVOLUMAB TREATMENT
Masaki Ryuzaki, Hirobumi Tokuyama, Kiyotaka Uchiyama, Hideaki Nakaya, Kazuhiro Hasegawa, Kazutoshi Miyashita, Shu Wakino, Hiroshi Itoh, Keio Univ, Internal Medicine, Tokyo, JAPAN.
MP080 DISEASE ACTIVITY EVALUATION OF B CELL-RELATED MiRNA IN PLASMA OF THE SYSTEMIC LUPUS ERYTHEMATOSUS
Huidi Zhang1, Xixi Huang2, Xiao Li1, Chaosheng Chen3, Xiangyang Xue4, Nan Chen1, 1Inst Nephrology, Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Ruijin Hosp, Shanghai, CHINA, 2Second Clinical College, Wenzhou Medical Univ, Wenzhou, Zhejiang, CHINA, 3Dept Nephrology, First aAffiliated Hosp Wenzhou Medical Univ, Wenzhou, Zhejiang, CHINA, 4Dept Microbiology and Immunology, Inst Molecular Virology and Immunology, Inst Tropical Medicine, Wenzhou Medical Univ, Wenzhou, Zhejiang, CHINA.

MP081 RENAL AGEING AND GLYCATION: IMPLICATION OF RECEPTOR FOR ADVANCED GLYCATION END-PRODUCTS
Thibault Tessier1, Valentine Quersin1, Viviane Gnemmi2, Florian Delgue1, Maité Daroux1, Frederic Tessier1, Eric Boulanger1, Marie Frimat3,1 Univ Lille, Inserm U9095, LIRIC Lille Inflammation Research International Center, Lille, FRANCE, 2CHRU Lille, Anatomopathology Dept, Lille, FRANCE, 3CHRU Lille, Nephrology Dept, Lille, FRANCE.

MP082 HYPOXIA-INDUCIBLE FACTOR-1α REGULATES MIGRATION, PROLIFERATION AND ANGIOGENESIS IN REPLICA TIVE ENDOTHELIAL SENESCENCE INDEPENDENTLY OF MiCRON-126 EXPRESSION
Matilde Alique1, Guillermo Bodega2, Chiara Giannarelli3, Lourdes Bohorquez1, Elena Corchetet4, Estefanya Garcia-Menéndez2, Patricia De Sequera4, Maria Marques5, Marta Albatalte4, Rafael Pérez-García4, José Portoles5, Rafael Ramírez1, 1UOH, Biología Sistemas, Alcalá de Henares, SPAIN, 2UOH, Dept Biomedicina y Biotecnología, Alcalá de Henares, SPAIN, 3Atherothrombosis Research Unit, Zena and M.A. Wiener Cardiovascular Inst, Icahn School Medicine Mount Sinai, NYC, NY, 4Hosp Univ Infanta Leonor, Nephrology Dept, Madrid, SPAIN, 5Hosp Univ Puerta de Hierro, Nephrology Dept, Madrid, SPAIN.

MP083 PROTECTIVE ROLES OF RELAXIN IN A MOUSE MODEL OF ARISTOLOCHIC ACID NEPHROPATHY
Xiangcheng Xie, Xiu Yang, Xiao Fei, Ming Wang, Hangzhou First People’s Hosp, Nephrology, Hangzhou, CHINA.

MP084 APPLICATION OF THE OXFORD CLASSIFICATION OF IGA NEPHROPATHY IN THE REAL WORLD
Alastair Rankin1, Bruce Mackinnon1, David Kipgen2, Jonathan Fox1, Colin Geddes1, Emily McQuarrie1, 1Queen Elizabeth Univ Hosp Glasgow, Renal and Transplant Unit, Glasgow, UK, 2Queen Elizabeth Univ Hosp Glasgow, Dept Pathology, Glasgow, UK.

MP085 DEVELOPMENT OF A NEW RENAL PATHOLOGY CODING LIST FOR THE FLEMISH RENAL BIOPSY (FCGG) REGISTRY
Amélie Dendooven1, Wim Laurens2, Mark Helbert3,4, Pascale De Paepe5, Evelyne Lerut6, An S. De Vriese7, Tri Q. Nguyen8, 1UZ Antwerp, Pathology, Edegem, BELGIUM, 2AZ Nikolaas, Dept Nephrology, Sint-Niklaas, Belgium, 32NA, Nephrology, Antwerp, Belgium, 4UZ Antwerp, Nephrology, Edegem, BELGIUM, 5AZ Sint-Jan, Pathology, Brugge, BELGIUM, 6UZ Leuven, Pathology, Leuven, BELGIUM, 7AZ Sint-Jan, Nephrology, Brugge, BELGIUM, 8UMC, Pathology, Utrecht, NETHERLANDS.

MP086 PODOCYTES CONTRIBUTE TO CARNITINE HOMEOSTASIS VIA EXPRESSING A CARNITINE EFFLUX TRANSPORTER SLC16A9
Bing He1,2, Juha R. Ojala2, Jing Guo1,2,3, Karl Ttryggyason2,3, Jonas Axelson2,3, Jaakko Patrakka1,1Karolinska Inst, Integrated Cardio and Metabolic Centre (ICMC) Novum, Lab Medicine, Stockholm, SWEDEN, 2Karolinska Inst, Matrix Biology, MBB, Stockholm, SWEDEN, 3DUKE-NUS, Cardiovascular & Metabolic Disorders Program, Singapore, SINGAPORE, 4Karolinska Univ Hosp Huddinge, Clinical Immunology, Stockholm, SWEDEN.

MP087 DELETION OF THE GENE FOR ADIPOnectin ACCELERATES AGE-RELATED KIDNEY INJURY
Eun Hui Bae1, Sang-Yeob Yim2, Seong Kwon Ma1, Ha Yeon Kim1, Chang Seong Kim1, Soo Wan Kim1, 1Chonnam National Univ Hosp, Internal Medicine, Gwangju, SOUTH KOREA, 2Korea Univ Medical School, Internal Medicine, Ansan, SOUTH KOREA.

MP088 THERAPY OF RENAL FIBROSIS BY INHIBITION OF THE AXL RECEPTOR TYROSINE KINASE PATHWAY
Lea Landolt1, Hans-Peter Marti2, Gro Gausdal3, Jim Lorens3, Sabine Leh4, Oystein Eikrem1, Tarig Osman1, 1Univ Bergen, Clinical Medicine, Bergen, NORWAY, 2Univ Bergen, Dept Clinical Medicine, Bergen, NORWAY, 3Bergenbio, Research, Bergen, NORWAY, 4Haukeland Univ Hosp, Pathology, Bergen, NORWAY.
MP089  
EFFECTS OF THE NO SYNTHASE INHIBITOR RONOPTERIN (VAS203) ON RENAL FUNCTION IN HEALTHY VOLUNTEERS  
Christian Ott1, Agnes Jumar1, Stefanie Friedrich1, Reinhard Schinzel2, Frank Tegtmeier2, Roland E. Schmieder1, 1Univ Erlangen-Nuremberg, Dept Nephrology and Hypertension, Erlangen, GERMANY, 2Vasopharm GmbH, Würzburg, GERMANY.

MP090  
ANCA ASSOCIATED GLOMERULONEPHRITIS: HISTOLOGICAL PREDICTORS OF RENAL OUTCOME  
Rute Carmo1, Ana Nunes1, Inês Ferreira1,2, Ricardo Neto1,2, Edite Pereira5, Eva Mariz6, Susana Sampaio1, Manuel Pestana1,2, 1Centro Hosp São João, Nephrology, Porto, PORTUGAL, 2Inst Investigação e Inovação em Saúde (i3S), Inst Nacional de Engenharia Biomédica (INEB)-Nephrology and Infectious Diseases Research, Porto, PORTUGAL, 5Centro Hosp São João, Internal Medicine, Porto, PORTUGAL, 6Centro Hosp São João, Reumathology, Porto, PORTUGAL.

MP091  
RITUXIMAB TREATMENT IN ADULTS WITH REFRACTORY MCD OR FSGS  
Hong Ren, Li Lin, Pingyan Shen, Xiao Lin, Jingyuan Xie, Xiao Xia Pan, Wen Zhang, Nan Chen, Dept Nephrology, Inst Nephrology, Ruijin Hosp, School Medicine, Shanghai Jiaotong Univ, Shanghai, CHINA.

MP092  
APABETALONE, A BROMODOMAIN AND EXTRATERMINAL PROTEIN INHIBITOR, DECREASES KEY FACTORS IN VASCULAR CALCIFICATION IN VITRO AND IN CLINICAL TRIALS  
Ewelina Kulikowski1, Dean Gilham1, Laura Tsujikawa1, Sylvia Wasiak1, Christopher Halliday1, Brooke Rakail, Kam Kalantar-Zadeh2, Ravi Jahagirdar1, Mike Sweeney3, Jan Johansson2, Norman Wong1, Richard Robson4, 1Resverlogix Corp, R&D, Calgary, AB, CANADA, 2Univ California Irvine, Nephrology and Hypertension, Irvine, CA, 3Resverlogix Inc., Clinical, San Francisco, CA, 4Christchurch Clinical Studies Trust, Clinical, Christchurch, NEW ZEALAND.

MP093  
A SIMPLIFIED CLINICAL PRE-HISTOLOGIC SCORING METHOD OF KIDNEY BIOPSIES IN FABRY DISEASE  
Einar Svarstad1, 2, Rannevig Skrunes3,2, Sabine Leb4,2, Kristin K. Larsen4, Camilla Tendel5,2, 1Haukeland Univ Hosp, Med. Dept, Bergen, NORWAY, 2Univ Bergen, Dept Clinical Medicine, Bergen, NORWAY, 3Haukeland Univ Hosp, Dept Medicine, Bergen, NORWAY, 4Haukeland Univ Hosp, Dept Pathology, Bergen, NORWAY, 5Haukeland Univ Hosp, Dept Pediatrics, Bergen, NORWAY.

MP094  
BISPHENOL A IS A UREMIC TOXIN THAT PROMOTES MITOCHONDRIAL INJURY AND DEATH IN TUBULAR CELLS  
Enrique Bosch Panadero1, Sebastian Mas Fontao1, Esther Civantos1, Alberto Ruiz Priego1, Pedro Abaigar2, Vanessa Camarero2, Alberto Ortiz1, Jesus Egidio1, Emilio Gonzalez Parra1, 1Fundacion Jimenez Diaz, Nephrology, Madrid, SPAIN, 2Hosp Univ Burgos, Nephrology, Burgos, SPAIN.

MP095  
OBESITY-RELATED VACUOLAR FORMATION IN PROXIMAL TUBULAR CELLS; ACCUMULATION OF PHOSPHEROLIPID IN THE LYSOSOMES  
Tomoko Hamano1, Takeshi Yamamotooto1, Takayuki Hamano2, Atsushi Takahashii, Tomonori Kimura1, Jun Matsuda1, Satoshi Minami1, Shinsuke Saka1, Ryuta Fujimura1, Yoshitsugu Takabatake1, Yoshitaka Isaka1, 1Osaka Univ Graduate School Medicine, Nephrology, Osaka, JAPAN, 2Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Osaka, JAPAN.

MP096  
RESULTS, COMPLICATIONS AND OPTIMIZATION OF THE TECHNIQUE OF ULTRASOUND GUIDED RENAL BIOPSY  
Javier Juega, Maribel Troya, Ioana Bancu, Fredzzia Graterol, Laura Cañas, Monica Perez, Ricardo Lauzurica, Josep Bonet, Germans Trias i Pujol Hosp, Nephrology, Badalona, Barcelona, SPAIN.

MP097  
SUSTAINED HYPEROSMOLARITY LEADS TO THE EXPRESSION OF PROFIBROTIC FACTORS IN VIVO  
Miklos M. Mozes, Krisztina Fazeeksz, Petra Szoleczky, Gabor Kokeny, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP098  
FACTORS RELEASED BY HUMAN MESENCHYMAL STEM CELLS SUPPRESS GLUCOSE-INDUCED INFLAMMATORY RESPONSES OF STABLE RENAL PROXIMAL TUBULAR EPITHELIAL CELL MONOLAYERS  
Md Nahidul Islam1, Tomás P. Griffin1, Elizabeth Sander1, Joana F. Cabral1, Thomas Riter1, Tara McMorrow2, Timothy O’Brien1, Matthew D. Griffin1, 1National Univ Ireland Galway, Regenerative Medicine Inst, School Medicine, Galway, IRELAND, 2Univ College Dublin, School Biomolecular and Biomedical Science, Conway Inst, Dublin, IRELAND.
CLINICAL HYPERTENSION

**MP099**
N-TERMINAL PROHORMONE OF BRAIN NATRIURETIC PEPTIDE BUT NOT C-TERMINAL PRE-PRO VASOPRESSIN (COPEPTIN) LEVEL IS ASSOCIATED WITH THE RESPONSE TO ANTHYPERTENSIVE THERAPY IN HEMODIALYSIS PATIENTS
Katarzyna Wyskida1, Joanna Ficek1, Rafał Ficek2, Dagmara Adamska1, Patrycja Jędrzejowska1, Jarosław Wajda3, Dariusz Klein4, Joanna Witkowicz5, Sylwia Rotkegel-Zatoń6, Joanna Kocemba-Dyczek8, Jarosław Ciepał9, Andrzej Więcek2, Magdalena Olszanecka-Glinianowicz1, Jerzy Chudek1, 1Medical Univ Silesia, Dept Pathophysiology, Katowice, POLAND, 2Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND, 3Regional Specialist Hosp No. 3 Rybnik, Dialysis Center Rybnik, Rybnik, POLAND, 4Centrum Dializa Sosnowiec, Dialysis Center Tychy, Dialysis Center Pszczyna, Tychy, Pszczyna, POLAND, 5Nefrolux, Dialysis Center Siemianowice Śląskie, Siemianowice Śląskie, POLAND, 6Centrum Dializa Sosnowiec, Dialysis Center Katowice, Katowice, POLAND, 7Centrum Dializa Sosnowiec, Dialysis Center Chorzów, Chorzów, POLAND, 8Centrum Dializa Sosnowiec, Dialysis Center Zory, Dialysis Center Wodzisław Śląski, Zory, Wodzisław Śląski, POLAND, 9Centrum Dializa Sosnowiec, Dialysis Center Sosnowiec, Sosnowiec, POLAND.

**MP100**
CENTRAL BLOOD PRESSURES ARE INCREASED IN HEALTHY INDIVIDUALS WITH RENAL HYPERFILTRATION
Marie-Ève Dupuis1, François Madore1, Mobsen Agharazi2, Rémi Goupil1, Hôp Sacré-Coeur Montréal, Univ Montréal, Medecine, Montréal, QC, CANADA, 2CHU Québec, Univ Laval, Medecine, Quebec City, QC, CANADA.

**MP101**
A COMPARISON OF CIRCULATING ANGIogenic FACTORS WITH ROUTINE PROTEIN ANALyTES AS MARKERS OF PREECLAMPSIA IN HEALTHY WOMEN
Nadia Sarveen1,2, James Hodson3, Ellen Knox4, Tim Plant2, Clara Day1, Mark Drayson2, Graham Lipkin1, 1Univ Hosp Birmingham, Renal Medicine, Birmingham, UK, 2Univ Birmingham, College Medical and Dental Sciences, Birmingham, UK, 3Univ Hosp Birmingham, Medical Statistics, Birmingham, UK, 4Birmingham Women’s Hosp, Maternal Medicine, Birmingham, UK.

**MP102**
DIFFERENTIAL ROLE OF FLUID OVERLOAD VERSUS ARTERIAL STIFFNESS ON THE DEVELOPMENT OF HIGH BLOOD PRESSURE IN PATIENTS AT RISK OF CARDIOVASCULAR DISEASE
Sangmi Lee, Jung Tak Park, Seung Hyeok Han, Yonsoi Univ College Medicine, Nephrology, Seoul, SOUTH KOREA.

**MP103**
LEFT VENTRICULAR GLOBAL LONGITUDINAL STRAIN IMPAIRMENT IS CONNECTED WITH THE DECREASE OF RENAL REGIONAL CORTICAL PERFUSION
Arkadiusz Lubas1, Robert Ryczek2, Stanisław Niemczyk1, 1Military Inst Medicine, Dept Nephrology and Dialysis, Warsaw, POLAND, 2Military Inst Medicine, Dept Cardiology, Warsaw, POLAND.

**MP104**
IS SALT SENSITIVITY ASSOCIATED TO CHANGES IN RENAL VOLUME IN NORMOTENSIVE PEOPLE?
F. Margulis1, R. Schiavelli1, R. Sabbatiello1, C. Castro2, V. Aguirrezabala2, S Kozima3, N Larrañaga3, A de Salazar3, J. Tobbli4, 1Hosp General Agudos Dr Cosme Argerich, Div Nefrologia y Trasplante Renal, Buenos Aires, ARGENTINA, 2Hospital General Agudos Dr Cosme Argerich, Lab Central, Buenos Aires, ARGENTINA, 3Hospital General Agudos Dr Cosme Argerich, Servicio Diagnostico Imagenes, Buenos Aires, ARGENTINA, 4Hospital Aleman, Servicio Nefrologia, Buenos Aires, ARGENTINA.

**MP105**
THE EXPRESSION OF MICRORNA-21 AND MICRORNA-155 CORRELATES WITH NOCTURNAL HYPERTENSION IN CHRONIC KIDNEY DISEASE PATIENTS
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**MP106**
SERUM VEGFC LEVELS AS A CANDIDATE BIOMARKER OF HYPERVOLEMIA IN CHRONIC KIDNEY DISEASE
MP107
SALT INTAKE AND BLOOD PRESSURE RESPONSE TO PERCUTANEOUS RENAL DENERVATION IN RESISTANT HYPERTENSION
Esther de Beus1, Michiel L. Bots2, Peter J. Blankestijn1, 1Univ Medical Center Utrecht, Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Univ Medical Center Utrecht, Julius Center Health Sciences and Primary Care, Utrecht, NETHERLANDS.

MP108
UROMODULIN MODULATES THE EFFECT OF SODIUM ON BLOOD PRESSURE IN THE GENERAL POPULATION
Belen Ponte1, Menno Pruijm2, Daniel Ackermann3, Idris Guessous4, Georg Ehret5, Bruno Vogt3, Antoinette Pechere-Berstchi6, Michel Burnier2, Pierre-Yves Martin1, Murielle Bochud7, Olivier Devuyst8, 1Univ Hosp Geneva, Nephrology, Geneva, Switzerland, 2Univ Hosp Lausanne (CHUV), Nephrology and Hypertension Unit, Lausanne, SWITZERLAND, 3Univ Hosp Bern (Inselspital), Nephrology and Hypertension Unit, Bern, SWITZERLAND, 4Univ Hosp Geneva, Médecine Premier Recours, Geneva, SWITZERLAND, 5Univ Hosp Geneva, Cardiology, Geneva, SWITZERLAND, 6Univ Hosp Geneva, Endocrinology and Diabetology, Geneva, SWITZERLAND, 7Univ Hosp Lausanne (CHUV), Inst Social and Preventive Medicine, Lausanne, SWITZERLAND, 8Inst Physiology, Univ Zurich, Zurich Center Integrative Human Physiology, Zurich, SWITZERLAND.

MP109
PRESCRIPTIONS OF ANTIHYPERTENSIVE DRUGS BEFORE AND AFTER IMPLEMENTATION OF TAIWAN HYPERTENSION GUIDELINE
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MP110
BLOOD PRESSURE SEASONALITY IN HEMODIALYSIS PATIENTS: RESULTS FROM FIVE EUROPEAN CITIES OF DIFFERENT LATITUDES
Flore Duranton1, Alfonso Palma2, Bernd Stegmayr3, Michel Wauthier4, Armando Torres5, Angel Argiles1, 1RD-Néphrologie, Montpellier, FRANCE, 2Hosp Univ Virgen Macarena, Nephrology Dept, Seville, SPAIN, 3Umea Univ, Dept Public Health and Clinical Medicine, Umea, SWEDEN, 4Clinique Saint Pierre, Nephrology Dept, Ottignies, BELGIUM, 5Hosp Univ Canarias, Nephrology Dept, La Laguna (Tenerife), SPAIN.

MP111
MINERALOCORTICOID RECEPTOR ANTAGONISM IN CHRONIC KIDNEY DISEASE
Keith Gillis1, Jennifer Lees2, Alan Jardine2, Jamie P. Traynor1, Patrick Mark2, 1Queen Elizabeth Univ Hosp, Glasgow Renal and Transplant Unit, Glasgow, UK, 2Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK.

MP112
AORTIC-BRACHIAL STIFFNESS MISMATCH STARTS EARLY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Barbara Pocorobba1, Paolo Lentini2, Antonio Granata3, Gaetano Inserra4, Pietro Castellino4, Luca Zanolli4, 1Univ Catania, Internal Medicine, Section Nephrology, Catania, ITALY, 2San Bassiano Hosp, Nephrology, Bassano del Grappa, ITALY, 3St. Giovanni di Dio Hosp, Nephrology and Dialysis Unit, Agrigento, ITALY, 4Univ Catania, Internal Medicine, Catania, ITALY.

MP113
DIFFERENTIATED APPOINTMENT OF ANGIOTENSIN CONVERTING ENZYME INHIBITORS AND SARTANS IN PATIENTS WITH ESSENTIAL HYPERTENSION AND CONCOMITANT TYPE 2 DIABETES
Anna Shalimova, Oleksandr Bilovol, Lesya Bobronnikova, Kharkiv National Medical Univ, Clinical Pharmacology, Kharkiv, UKRAINE.

MP114
THE CONCENTRATION OF ADROPIN AND IRISIN IN PATIENTS WITH PRIMARY HYPERTENSION
Magdalena Maciorkowska, Dominika Musialowska, Edyta Zbroch, Ewa Koc-Zorawska, Jolanta Malyszko, Medical Univ, Second Dept Nephrology and Hypertension with Dialysis Unit, Białystok, POLAND.

MP115
CHRONIC KIDNEY DISEASE PROGRESSION IN PATIENTS WITH RESISTANT HYPERTENSION SUBJECT TO TWO THERAPEUTIC STRATEGIES: INTENSIFICATION WITH LOOP DIURETICS VS ALDOSTERONE ANTAGONISTS
Ursula Verdalles, Marian Goicoechea, Soledad Garcia de Vinuesa, Ana Garcia Prieto, Tania Linares, Eduardo Verde, Ana Perez de Jose, Jose Luño, HGU Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP116
GEOGRAPHICAL AND CLIMATIC VARIATIONS OF BLOOD PRESSURE IN HEMODIALYSIS PATIENTS
Flore Duranton1, Anneke Kramer2, Brian Bieber3, Nathalie Gaynard1, Bernard Jover4, Ziad A. Massy5, Christian Comb6, Francesca Tentori3, Kitty Jager2, Angel Argiles1, 1RD-Néphrologie, Montpellier, FRANCE, 2ERA-EDTA Registry, Academic Medical Center, Amsterdam, NETHERLANDS, 3Arbor Research Collaborative for Health, Ann Arbor, MI, 4PhyMedExp, INSERM U1046, CNRS UMR 9214, Univ Montpellier, Montpellier, FRANCE, 5Inserm U1018, CHU Ambroise Paré, Paris, FRANCE, 6INSERM U1026 and CHU Bordeaux, Univ Bordeaux, Bordeaux, FRANCE.
Posters

MP117
PROGNOSTIC VALUE OF CASUAL CLINIC BLOOD PRESSURE MEASUREMENT FOR THE DIAGNOSIS OF MASKED HYPERTENSION IN CHILDREN WITH CHRONIC KIDNEY DISEASES
Marina Aksenova1,2, Natalia Konkova1, Tatiana Lepaeva1, Tatiana Kyr'yanova1, Vladimir Dlin1, 1Y.Veltischev Research and Clinical Inst Pediatrics N. Pirogov Russian National Research Medical Univ, Nephrology Dept, Moscow, RUSSIAN FEDERATION, 2Dmitry Rogachev Federal Research and Clinical Center Pediatric Hematology, Oncology and Immunology, Clinical-diagnostic Dept, Moscow, RUSSIAN FEDERATION.

MP118
IS LEPTIN THE MARKER FOR SEVERITY OF PREGNANCY INDUCED HYPERTENSION
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MP119
INFLUENCE OF PROTEINURIA ON ENDOTHELIAL DYSFUNCTION AND ARTERIAL STIFFNESS IN CHRONIC KIDNEY DISEASE
Vagner S. Meira1, Mário F.T. Neves2, Cláudio P. Loivos1, Carla C. Lemos3, Márcia Klein1, Maria L.B. Silva1, Rachel Bregman3, 1Univ Estado Rio de Janeiro, FISCLINEX, Rio de Janeiro, BRAZIL, 2Univ Estado Rio de Janeiro, Medicine, Rio de Janeiro, BRAZIL, 3Univ Estado Rio de Janeiro, Nephrology, Rio de Janeiro, BRAZIL.

MP120
THE URINARY UROMODULLIN CREATININE RATIO IS DECREASED 6 WEEKS POST-PARTUM IN WOMEN WITH PREECLAMPSIA
Gregoire Wuerzner1, Virginine Atquet2, Agnes Dititisheim3, Belen Ponte4, Michel Burnier1, Olivier Devuyst5, Antoinette Pechère-Bertschi5, 1Lausanne Univ Hosp, Nephrology, Lausanne, SWITZERLAND, 2Lausanne Univ Hosp, Medicine, Lausanne, SWITZERLAND, 3Geneva Univ Hosp, Endocrinology, Geneva, SWITZERLAND, 4Geneva Univ Hosp, Nephrology, Geneva, SWITZERLAND, 5Univ Zurich, Zurich Center Integrative Human Physiology, Zurich, SWITZERLAND.

MP121
THE EFFECT OF CILNIDIPINE ON INTRADIALYTIC BLOOD PRESSURE IN INTRADIALYTIC HYPERTENSIVE PATIENTS: A MULTICENTER, PROSPECTIVE, RANDOMIZED, OPEN-LABEL STUDY
Takayasu Itot1, Naoki Fujimoto2, Eiji Ishikawa3, Kaoru Dohi3, Michiyo Kiyohara4, Hideyuki Takeuchi4, Suenari Koyabu5, Hiroyuuki Nishimura6, Toshiaki Kato1, Mie Univ, Cardiology and Nephrology,Tsukasa, JAPAN, 2Mie Univ Graduate School Medicine, Dept Molecular and Lab Medicine, Tsu, JAPAN, 3Mie Univ Graduate School Medicine, Dept Cardiology and Nephrology, Tsu, JAPAN, 4Takeshi Hosp, Dialysis center, Tsu, JAPAN, 5Owase General Hosp, Dialysis center, Owase, JAPAN, 6Tohyama Hosp, Dialysis center, Tsu, JAPAN.

MP122
CILNIDIPINE COULD PROVIDE FURTHER REDUCTION OF PROTEINURIA IN COMBINATION WITH OTHER CALCIUM CHANNEL BLOCKERS
Hiroyuuki Suzuki, Eri Muso, Tatsuo Tsukamoto, Kitano Hosp, Tazuke Kofukai Medical Research Inst, Div Nephrology and Dialysis, Osaka, JAPAN.

MP123
EFFECT OF THE ANGIOTENSIN II RECEPTOR ANTAGONIST (ARB), IRBESARTAN, ON URINARY MARKERS IN HYPERTENSIVE PATIENTS
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MP124
CONSISTENCY OF POTASSIUM AND CREATININE MONITORING DURING INITIATION OF MINERALOCORTICOID RECEPTOR ANTAGONIST THERAPY IN HEART FAILURE PATIENTS; THE STOCKHOLM CREATININE MEASUREMENTS (SCREAM) PROJECT
Pietro De Deco1,2, Rino Bellocco3,2, Lars H. Lund4, Marie Evans5, Josef Coresh5, Morgan E. Grams6, Juan Jesus Carrero5, 1Karolinska Inst, Renal Medicine, Huddinge, SWEDEN, 2Univ Studi Milano-Bicocca, Statistics and Quantitative Methods, Milan, ITALY, 3Karolinska Inst, MED, Stockholm, SWEDEN, 4Karolinska Inst, Cardiology, Stockholm, SWEDEN, 5Karolinska Inst, Renal Medicine, Stockholm, SWEDEN, 6Johns Hopkins Bloomerg School Public Health, Epidemiology, Baltimore, MD.

MP125
COMPARATIVE BENEFIT OF VASCULAR STIFFNESS AND KIDNEY DAMAGE PARAMETERS FOR RISK STRATIFICATION IN HYPERTENSIVE PATIENTS
Ovidiu Cosmin Iancu1, Daniela Adina Moteli2, Florina Buleu1, Petru Bucuras1, Marius Badalica-Petreaca3, Simona Dragan3, 1City Emergency Clinical Hosp Timisoara, Internal Medicine, Timisoara, ROMANIA, 2Emergency County Hosp Pius Brinzeu Timisoara, Nephrology, Timisoara, ROMANIA, 3Univ Medicine and Pharmacy Victor Babes Timisoara, Ambulatory Medicine and Preventive Cardiology, Timisoara, ROMANIA.
MP126
24-HOUR PULSE PRESSURE AND NOCTURNAL HYPERTENSION CORRELATE WITH TARGET ORGAN DAMAGE IN CHRONIC KIDNEY DISEASE PATIENTS
Dominika Klimczak1, Tomasz Pilecki2, Dorota Zochowska2, Agnieszka Wirkowska2, Marek Kuch3, Leszek Paczek2, 1Medical Univ Warsaw, First Dept Immunology, Transplantology and Internal Medicine, Transplantation Inst, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Immunology, Transplantology and Internal Medicine, Transplantation Inst, Warsaw, POLAND, 3Medical Univ Warsaw, Chair and Dept Cardiology, Hypertension and Internal Medicine, Warsaw, POLAND.

MP127
CARDIOVASCULAR RISK IN HEALTHY SUBJECTS EVALUATED WITH CARDIOVASCULAR AGE, RENAL FUNCTION AND CAROTID ECHOGRAPHY
Fco Javier Lavilla Royo, Omar Jose Gonzalez Aristegui, Maria Jose Molina Higuera, Christian Israel Alfaro Sanchez, Pelayo Moiron Fernandez Hinojosa, Altagracia Elisa Bello Ovalles, Nuria Garcia-Fernandez, Jose Maria Mora Gutierrez, Pedro Errasti Goenaga, Clinica Univ Navarra, Nephrology, Pamplona, SPAIN.

MP128
PREVALENCE AND TREATMENT OF HYPERTENSION IN HEMODIALYSIS PATIENTS - PRELIMINARY RESULTS
Piotr Skonieczny1,2, Zbigniew Heleniak1, Marek Karowiec1, Monika Michalczyk1, Marta Książek1, Bartosz Pakuła1, Przemysław Rutkowski3,4, Leszek Tyllicki1, Alicja Dębska-Ślizień1, 1Medical Univ Gdańsk, Dept Nephrology, Transplantology and Internal Diseases, Gdańsk, POLAND, 2Medical Univ Gdańsk, Dept Physiology, Gdańsk, POLAND, 3Medical Univ Gdańsk, Dept General Nursery, Gdańsk, POLAND, 4Diaverum Poland, Hemodialysis Unit, Gdańsk, POLAND.

MP129
THE EFFICIENCY OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION (TENS) IN PERIPHERAL POLYNEUROPATHY IN DIABETES MELLITUS, CHRONIC KIDNEY DISEASE AND PRIMARY HYPERTENSION
Yahya Sagliker1, Bayram Kelle2, Iskender Gökçay3, Hasan Sabit Sağlker4, Nuray Paylar5, Piril Sağlker Ozkaynak5, 1Samedsa Ltd. Srk., Saglker Hypertension and Nephrology Unit, Adana, TURKEY, 2Cukurova Univ, Phisical Theraphy and Rehabilitation, Adana, TURKEY, 3Cukurova Univ, Internal Medicine, Adana, TURKEY, 4Cumra State Hosp, Interna l Medicine, Adana, TURKEY, 5Sagliker Hypertension and Nephrology Unit, Hypetension, Adana, TURKEY.

MP130
DUAL RAAS BLOCKADE WITH ALISKIREN IN PATIENTS WITH SEVERELY IMPAIRED CHRONIC KIDNEY DISEASE
Franz Maximilian Raschel1, Stephan Schiekofers2, 1Univ Leipzig, Univ Hosp Leipzig, Dept Internal Medicine, Neurology, Dermatology, Leipzig, GERMANY, 2Center Geriatric Medicine, Bezirksklinikum Regensburg, Regensburg, GERMANY.
CLINICAL NEPHROLOGY II

MP131
RENAL TMA ASSOCIATED WITH MALIGNANT HYPERTENSION MAY PRESENT WITHOUT MAHA AND THROMBOCYTOPENIA
Mariam Akaeva1, Natalia Kozlovskaya1, Evgeniy Shilov1, Ekaterina Stolyarevich2, 1First Moscow State Medical Univ n.a. I.M. Sechenov, Nephrology, Moscow, RUSSIAN FEDERATION, 2A.I. Yevdokimov Moscow State Univ Medicine and Dentistry, Nephrology, Moscow, RUSSIAN FEDERATION.

MP132
REFERENCE VALUES OF RENAL TUBULAR FUNCTION TESTS ARE DEPENDENT ON AGE AND EGFR
Anneke Bech, Jack Wetzels, Tom Nijenhuis, Radboud Univ Medical Center, Nephrology, Nijmegen, NETHERLANDS.

MP133
RENAL REPLACEMENT THERAPY IN THE ELDERLY - HAEMODIALYSIS OR PERITONEAL DIALYSIS?
Sudhaharan Sivathasan, Lily Mushahar, Tuanku Ja’afar Hosp, Dept Nephrology, Seremban, MALAYSIA.

MP134
REFLUX NEPHROPATHY AND THE RISK OF PREECLAMPSIA: A SYSTEMATIC REVIEW AND META-ANALYSIS
Fosca Minelli1, Isabelle Kooij1, Gianfranca Cabiddu2, Federica Fassio1, Martina Gerbino1, Valentina Loi2, Marilisa Bicalcati1, Stefania Maxia2, Mariagrazia Alemanno1, Elisabetta Versino3, Tullia Todros1, Rossella Attinì1, Giorgina Barbara Piccoli4, 1Univ Turin, OIRM-Sant’Anna Hosp, Materno-Foetal, Turin, ITALY, 2Brotzu Hosp, Nephrology, Cagliari, ITALY, 3Univ Turin, Clinical and Biological Sciences, Turin, ITALY, 4Centre Hosp Le Mans, Nephrology, Le Mans, FRANCE.

MP135
PERFORMANCE OF NEPHROLOGISTS IN PERCUTANEOUS RENAL BIOPSY

MP136
ASSOCIATION OF CIRCULATING INTERFERON-LAMBDA 3 (IFN-L3) WITH HBV SURFACE ANTIGEN ANTI-BODY (ANTI-HBS) TITERS IN HEMODIALYSIS (HD) PATIENTS AND HEALTHY SUBJECTS
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MP137
RENAL BIOPSY OUTCOMES IN HIGH RISK PATIENTS
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MP138
RISK FACTORS ASSOCIATED WITH THE PREVALENCE OF CHRONIC KIDNEY DISEASE IN TYPE 2 DIABETIC PATIENTS
Laura Cortés Sanabria, Clementina E. Calderon Garcia, Héctor Martínez Ramírez, Enrique Rojas Campos, Erika F. Gómez García, Jorge López Leal, Roxana M. Márquez Herrera, Rafael A. Ayala Cortés, Alfonso M. Cueto Manzano, Mexican Social Security Inst, Medical Research Unit Renal Diseases, Guadalajara, MEXICO.

MP139
STUDY OF URINARY PODOCIN AS MARKER OF LUPUS NEPHRITIS ACTIVITY
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MP140
ABDOMINAL ULTRASOUND IS NOT A RELIABLE METHOD IN SECONDARY SCREENING OF ASYMPTOMATIC PATIENTS WITH MICROHEMATURIA
Goran Vojinovic1, Mirjana Manasić1, Nenad Zec2, Tamara Reza2, Maja Velinovic2, Olga Percin2, Ljubica Kovijanic2, 1General Hosp Pancevo, Internal Medicine - Nephrology with Dialysis, Pančevo, SERBIA, 2General Hosp Pancevo, Internal Medicine, Pancevo, SERBIA.

MP141
BALKAN ENDEMIC NEPHROPATHY AND UPPER TRACT UROTHELIA CANCER INCIDENCE -THIRTY FIVE YEAR FOLLOW
Stevan Glogovac1, Zorica Dimitrijević1, Miomir Stojanović1, Milan Petrović2, Branislav Apostolović3, Srdjan Sterović2, Radmila Velčiković-Radovanović1, Miomir Prokopović1, 1KC Nis, Clinic Nephrology, Dept Hemodialysis, Nis, SERBIA, 2General Hosp Leskovac, Dept Urology, Leskovac, SERBIA, 3Univ Nis, Fac Medicine, Nis, SERBIA, 4General Hosp Leskovac, Dept Hemodialysis, Leskovac, SERBIA.
MP142
A PHASE 2/3 STUDY OF THE EFFICACY AND SAFETY OF BARDOXOLONE METHYL IN PATIENTS WITH ALPORT SYNDROME
Colin Meyer1, David Warnock2, Melanie Chin1, Angie Goldsberry1, Peter A. McCullough3, Megan O’Grady1, Robert Toto4, Keith Ward5, Geoffrey Block6, Pablo Pergola7, 1Reata Pharmaceuticals, Product Development, Irving, TX, 2Univ Alabama Birmingham, Medicine, Birmingham, AL, 3Baylor Univ Medical Center, Baylor Heart and Vascular Inst, Dallas, TX, 4Univ Texas Southwestern Medical Center, Internal Medicine and Clinical Science, Dallas, TX, 5Reata Pharmaceuticals, Early Development, Irving, TX, 6Denver Nephrology, Nephrology, Denver, CO, 7Renal Associates PA, San Antonio, TX.

MP143
LONG-TERM FOLLOW UP IN POPULATION WITH AL RENAL AMYLOIDOSIS
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MP144
BIOLOGICAL VARIATION OF PROCALCITONIN LEVELS IN HEMODIALYSIS PATIENTS WITHOUT INFECTIONS
Shun Kubo1, Ai Matsukane1, Masaki Iwasaki1, Toshihide Hayashi1, Yuri Tanaka1, Yasunori Takahashi2, Yoshikiko Imamura2, Hiroki Hase1, Nobuhiko Joki1, 1Toho Univ Ohashi Medical Centre, Nephrology, Tokyo, JAPAN, 2Nissan Tamagawa Hosp, Nephrology, Tokyo, JAPAN.

MP145
KIDNEY DISEASE IN VERY ELDERLY INPATIENTS
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MP146
CLINICAL PROFILE AND IMMEDIATE MANAGEMENT OUTCOME OF EMPHYSEMATOUS AND NON-EMPHYSEMATOUS PYELONEPHRITIS IN PATIENTS WITH DIABETES MELLITUS
Tabassum Samad, Wasim M.M. Haque, Muhammad A. Rahim, Shudhanshu K. Shaha, Mehruba A. Ananna, Tufael A. Choudhury, Sarwar IQbal, BIRDEM General Hosp, Nephrology, Dhaka, BANGLADESH.

MP147
THE ASSOCIATION BETWEEN THE CONTROL OF LDL-CHOLESTEROL LEVEL AND RENAL FUNCTION IN CKD PATIENTS WITH HYPERLIPIDEMIA
Yoshihiro Kuwabara1, Shinti Yaso2, Masao Kasahara3, Kenji Ueshima2, Katsuwa Nakaoc4, 1Kyoto Univ Hosp, Inst Advancement Clinical and Translational Science, Kyoto, JAPAN, 2Kyoto Univ Hosp, Dept EBM Research, Kyoto, JAPAN, 3Nara Medical Univ, Clinical Research Center, Kashihara, JAPAN, 4Kyoto Univ Graduate School Medicine, Medical Innovation Center, Kyoto, JAPAN.

MP148
A EXTERNAL VALIDATION STUDY OF THE QUICK SEQUENTIAL ORGAN FAILURE ASSESSMENT (QSOFA) FOR JAPANESE PATIENTS UNDERGOING HEMODIALYSIS
Hiroki Nishiwaki1, Takeshi Hasegawa2, Sho Sasaki1, Shun Minatoguchi3, Masahide Furusho4, Hiro Kawarazaki5, Diasuke Uchid6, Masahito Miyamoto7, Kenichiro Koitabash8, Ifukushima Medical Univ, Center Innovative Research Communities and Clinical Excellence, Fukushima, JAPAN, 2Showa Univ, Office Promoting Medical Research, Tokyo, JAPAN, 3Chubu Rosai Hosp, Dept Nephrology, Nagoya, JAPAN, 4lizuka Hosp, Dept Nephrology, Iizuka, JAPAN, 5Nagasaki Municipal Hosp, Dept Nephrology, Inagi, JAPAN, 6St. Marianna Univ School Medicine Hosp, Div Nephrology and Hypertension, Kawasaki, JAPAN, 7Shonan Kamakura General Hosp, Dept Nephrology, Immunology and Vascular Medicine, Kamakura, JAPAN, 8St. Luke’s International Hosp, Dept Nephrology, Tokyo, JAPAN.

MP149
MOLECULAR IMAGING OF THE CHEMOKINE RECEPTOR CXCR4 TO LOCALIZE SITES OF LEUKOCYTE ACCUMULATION DUE TO COMPLICATED URINARY TRACT INFECTION IN KIDNEY TRANSPLANTAT RECIPIENTS
Faikah Gueler1, Katja Hueper2, Jan H. Bransen3, Hiss Marcus1, Sabine Witterler1, Somayeh Mohammad Khanii1, Hans-Jürgen Wester4, Tobias Ross5, Frank Wacker2, Sebastian Rauhut1, Hermann Haller1, Frank Bengel4, Thorsten Derlin4, 1Hannover Medical School, Nephrology, Hannover, GERMANY, 2Hannover Medical School, Radiology, Hannover, GERMANY, 3Hannover Medical School, Pathology, Hannover, GERMANY, 4Hannover Medical School, Nuclear Medicine, Hannover, GERMANY, 5Nuclear Medicine, Hannover, GERMANY.

MP150
EVALUATION OF CURRENT CLINICAL ALGORITHMS TO IDENTIFY SIADH AS A CAUSE OF HYPONATREMIA IN GERIATRIC PATIENTS: A 2 YEAR PROSPECTIVE STUDY
Petros Ioannou1, Emmanouela Tsagkaraki1, Konstantinos Fragakiakis1, Constantinos Tsiotis1,2, Symeon Panagiota-kis1, Achilles Gikas1, 1Univ Hosp Heraklion, Internal Medicine, Heraklion, Crete, GREECE, 2European Univ Cyprus, School Medicine, Nicosia, CYPRUS.
Posters

MP151
HISTONE DEACETYLASES 2 AND GLUCOCORTICOID RECEPTOR-BETA PLAY ROLE IN STEROID RESISTANT CHILDHOOD NEPHROTIC SYNDROME
Narayan Prasad1, Harshit Singh1, Vinita Agarwal2, Vikas Agarwal3, Saurabh Chaturvedi3, Akhilesh Jaiswal1, Sanjay Gandhi Postgraduate Inst Medical Sciences, Nephrology, Lucknow, INDIA, Sanjay Gandhi Post Graduate Inst Medical Sciences, Pathology, Lucknow, INDIA, Sanjay Gandhi Post Graduate Inst Medical Sciences, Clinical Immunology, Lucknow, INDIA.

MP152
TUBEROUS SCLEROSIS COMPLEX: RENAL AND EXTRA-RENAL MANIFESTATIONS
Joana Gameiro1, Marta Pereira1, Sofia Jorge1, José Esteves Silva2, Fernando Neves1, António Gomes da Costa1, Centro Hosp Lisboa Norte, EPE, Service Nephrology and Renal Transplantation, Lisboa, PORTUGAL, Centro Hosp Lisboa Norte, EPE, Service Pediatrics, Lisboa, PORTUGAL.

MP153
THE IMPORTANCE OF URINE SPECIFIC GRAVITY MEASUREMENT IN URINE DIPSTICK TESTING
Taro Kamimura, Kento Fukumitsu, Seishi Aihiara, Mika Kondo, Hideaki Oka, Atsumi Harada, Matsuama Red Cross Hosp, Nephrology, Matsuyama-shi, JAPAN.

MP154
INFLUENCE OF IODINATED CONTRAST MEDIA ON THYROID AND RENAL FUNCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Dorota Brodowska-Kania1, Aleksandra Paturej1, Malgorzata Wojciechowska2, Malgorzata Dzierzanowska2, Katarzyna Szamotulski3, Zbigniew Bartoszewicz4, Stanislaw Niemczyk1, Military Inst Medicine, Dept Internal Diseases, Nephrology and Dialysis, Warsaw, POLAND, 2Military Inst Medicine, Dept Lab Diagnostics, Warsaw, POLAND, 3Inst Mother and Child, Dept Epidemiology, Warsaw, POLAND, 4Medical Univ Warsaw, Dept Internal Medicine and Endocrinology, Warsaw, POLAND.

MP155
RENAL AA AMYLOIDOSIS IN ELDERLY PATIENTS: CLINICAL MANIFESTATIONS, ETIOLOGIES AND OUTCOMES
Siyar Erdogmus, Gizem Kumru, Sim Kutlay, Sule Sengul, Gokhan Nergizoglu, Sehsuvar Erturk, Kenan Ates, Neval Duman, Kenan Keven, Ankara Univ School Medicine, Nephrology, Ankara, TURKEY.

MP156
CORRELATION BETWEEN TRADITIONAL PARAMETERS LUPUS NEPHRITIS ACTIVITIES WITH URINARY BIOMARKER LIPOCALIN 2
Violeta Rabrenovic, Svetlana Antic, Military Medical Academy, Clinic Nephrology, Belgrade, SERBIA.

MP157
THE CLINICAL COURSE OF ADULT MINIMAL CHANGE DISEASE: A TERTIARY CENTER EXPERIENCE
Gabriel Stefan1,2, Simona Stancu1,2, Ioana Dicu2, Madalina Hoinoiu2, Adrian Zugravu1,2, Cosmin Florescu3,2, Gabriel Mirescu1,2, Dr Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, ROMANIA, 3Dr Carol Davila Teaching Hosp Nephrology, Pathology, Bucharest, ROMANIA.

MP158
LUPUS NEPHRITIS - EXPERIENCE FROM SOUTHERN INDIA
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MP159
MINERAL AND BONE METABOLISM INDICATORS IN THE BLOOD OF PREGNANCY WOMEN WITH CHRONIC KIDNEY DISEASE
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MP160
CLINICAL FEATURES AND OUTCOMES OF THE MEMBRANOUS GLOMERULONEPHRITIS WITH RHEUMATOID ARTHRITIS: AN OBSERVATIONAL STUDY
Atsushi Oyama1, Hiroyuki Matsushima2, 1Nishikobe Medical Center, Div Nephrology, Kobe City, Hyogo., JAPAN, 2Matsushima Clinic, Nephrology, Kobe, Hyogo, JAPAN.
MP161
IMPROVEMENT OF RENAL FUNCTION AFTER CARDIAC RESYNCHRONIZATION THERAPY IMPLANTATION IN PATIENTS WITH HEART FAILURE
Luis Guillermo Piccone Saponara1, Nancy Giovanna Uribe Heredia2, Maria Carmen Vozmediano Poyatos1, Agustín Carreño Parrilla1, Ramón Arroyo Espliguero2, Enrique Novo García2, Sara Moreno Reviriego2, María Eulalia Jimenez Martínez2, Sara Anaya Fernandez3, Francisco Rivera Hernández1, Javier Balaguer Recena2, 1Hospital General Univ Ciudad Real, Nephrology, Ciudad Real, SPAIN; 2Hospital General Univ Ciudad Real, Cardiology, Ciudad Real, SPAIN.

MP162
ACUTE KIDNEY INJURY IN ACUTE-ON-CHRONIC LIVER FAILURE: A PORTUGUESE SINGLE CENTER REFERENCE REVIEW
Miguel Verdelho1, Rui Perdigoto2, Paulo Marcelino3, Élia Mateus2, João Machado2, Rui Pereira3, Philip Fortuna3, Luis Bagulho3, Luís Bento3, Francisco Ribeiro1, Fernando Nolasco1, Américo Martins2, Eduardo Barroso2, 1Hospital Curry Cabral, CHLC, Nephrology, Lisbon, PORTUGAL, 2Hospital Curry Cabral, CHLC, Transplantation, Lisbon, PORTUGAL, 3Hospital Curry Cabral, CHLC, Intensive Care Unit, Lisbon, PORTUGAL.

MP163
PREDICTORS OF SPONTANEOUS REMISSION IN CHINESE IDIOPATHIC MEMBRANOUS NEPHROPATHY
Xiaofan Hu1,2, Jingyuan Xie1,2, Chenni Gao1,2, Jing Xu1,2, Wen Zhang1,2, Nan Chen1,2, 1Ruijin Hosp Affiliated To Shanghai Jiao Tong Univ School Medicine, Dept Nephrology, Shanghai, CHINA, 2Shanghai Jiao Tong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

MP164
ATYPICAL HEMOLYTIC UREMIC SYNDROME A MONOCENTRIC ADULT STUDY
Hajji Meriam1, Kheder Rania1, Ben Fatma Lilia1, Jebali Hela1, Ben Hamida Fethi2, Rais Lamiaa1, Beji Soumaya1, Zouaghi Mohammed Karim1, IIA Rahta, Nephrology, Tunis, TUNISIA, 2Lab Kidney disease LR00SP01, Charles Nicolle Hosp, Nephrology, Tunis, TUNISIA.

MP165
IMMUNOSUPPRESSION ENDOTHELIAL DYSFUNCTION, PROTEINURIA AND LEFT VENTRICULAR STRUCTURE IN PATIENTS WITH GLOMERULONEPHRITIS
Zbigniew Heleniak1, Zbigniew Zdrojewski2, Ewa Aleksandrowicz3, Piotr Wiśniewski4, Ewa Świerblewska5, Katarzyna Kunicka5, Leszek Bieniaszewski6, Boleslaw Rutkowski7, Alicja Debeka-Ślizien8, 1Medical Univ Gdańsk, Nephrology, Transplantology and Internal Medicine, Gdańsk, POLAND, 2Medical Univ Gdańsk, Internal Medicine, Gdańsk, POLAND, 3Medical Univ Gdańsk, Endocrinology and Internal Medicine, Gdańsk, POLAND, 4Medical Univ Gdańsk, Endocrinology and Internal Medicine, Gdańsk, POLAND, 5Medical Univ Gdańsk, Hypertension and Diabetology, Gdańsk, POLAND, 6Medical Univ Gdańsk, Center Medical Simulation, Gdańsk, POLAND.

MP166
EVALUATION OF CHRONIC KIDNEY DISEASE IN CANCER PATIENTS: IS THERE STILL A ROLE FOR THE COCKROFT-GAULT ESTIMATION
Elie El Rassy1, Hiba Azar2, Tarek Assi1, Serge Finianos2, Nathalie Al Rassy1, Dania Chelala2, Marwan Ghosn1, 1Fac Medicine, Saint Joseph Univ, Dept Oncology, Beirut, LEBANON, 2Fac Medicine, Saint Joseph Univ, Dept Oncology, Beirut, LEBANON.

MP167
CORRELATES OF OSTEOCALCIN AND ASSOCIATION WITH CENTRAL ARTERIAL STIFFNESS IN PATIENTS WITH PERITONEAL DIALYSIS
Chih-Hsien Wang, Jia-Sian Hou, Chiu-Huang Kuo, Bang-Ge Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Hualein, TAIWAN.

MP168
IMPACT OF PROPRANOLOL ON PREVENTING RENAL DYSFUNCTION AMONG CIRRHOTIC PATIENTS
Abbas Ali Zeraati1, Kambiz Akhavan Rezayat12, Jalal Chogan3, Amir Akhavan Rezayat4, Tina Zeraati5, Negar Akhavan Rezayat5, Mashhad Univ Medical Sciences, Internal Medicine, Mashhad, IRAN, 2Mashhad Univ Medical Sciences, Center Medical Simulation, Mashhad, IRAN, 3Mashhad Univ Medical Sciences, Center Medical Simulation, Mashhad, IRAN, 4Mashhad Univ Medical Sciences, Student Research Committee Mashad Univ Medical Science, Mashhad, IRAN.

MP169
SPECTRUM OF MOVEMENT DISORDER IN CHRONIC KIDNEY DISEASE WITH SPECIAL REFERENCE TO PARKINSONS DISEASE
Pinaki Mukhopadhyay, NRS Medical College, Nephrology, Kolkata, INDIA.

MP170
THE PREVALENCE AND CLINICAL INTERPRETATION OF PYURIA IN CHRONIC KIDNEY DISEASE PATIENTS
Hye Min Choi, Young-Eun Kwon, Dong-Jin Oh, Seonam Univ Myongji Hosp, Internal Medicine, Goyang-si, SOUTH KOREA.
MP171
IGA NEPHROPATHY COMPLICATED WITH RHEUMATOID ARTHRITIS: CLINICOPATHOLOGICAL FEATURES AND RENAL OUTCOME, RETROSPECTIVE ANALYSIS OF SINGLE CENTER DATABASE
Eri Imai1, Joichi Usui1, Shuzo Kaneko1, Tetsuya Kawamura1, Michio Nagata2, Kunihito Yamagata1, 1Univ Tsukuba, Dept Nephrology, Ibaraki, JAPAN, 2Univ Tsukuba, Dept Pathology, Ibaraki, JAPAN.

MP172
EVALUATION OF THE ATTACHMENT STYLES OF THE ADOLESCENT CHILDREN OF DIALYSIS PATIENTS
Ahmed Bilal Ceng1, Savaş Sipahi2, Seyyid Bilal Acıkgoz1, Ayşel Tocoglu1, Fuat Kircelli3, Ergul Fidan Kircelli3, Hamad Dheir2, 1Sakarya Univ Medical Fac, Internal Medicine, Sakarya, TURKEY, 2Sakarya Univ Medical Fac, Nephrology, Sakarya, TURKEY, 3Private Clinic, Psychiatry, Adana, TURKEY.

MP173
A NEW PATH FOR INTERVENTIONAL NEPHROLOGISTS: RENAL BIOPSY IN SUPINE POSITION
Maria Pilar Martín Azara1, Vanesa Guerrero Granados1, Ana Berni Wennekers1, Alba Martinez Burillo2, Almila Perona Caro1, Hilda Villafuerte1, Jose Esteban Ruiz Laiglesia1, Rafael Alvarez Lipe1, Univ Hosp Lozano Blesa, Nephrology, Zaragoza, SPAIN.

MP174
ECULIZUMAB AS RESCUE THERAPY IN THROMBOTIC MICROANGIOPATHY WITHOUT ADAMST13 DEFICIENCY
Miguel Uriol Rivera1, Sheila Cabello Pelegrín1, Mireia Ferreruela Serlavos3, Joana Maria Ferrer Balaguer4, Maria Jose Picado Valles5, Maria del Carmen Ballester Ruiz6, 1Hosp Univ Son Espases, Nephrology, Palma de Mallorca, SPAIN, 2Hosp Son Espases, Nephrology, Palma de Mallorca, SPAIN, 3Hosp Son Espases, Intensive Care Unit, Palma de Mallorca, SPAIN, 4Hosp Son Espases, Immunology, Palma de Mallorca, SPAIN, 5Hosp Son Espases, Radiology, Palma de Mallorca, SPAIN, 6Univ Son Espases, Hematology, Palma de Mallorca, SPAIN.

MP175
ATYPICAL HEMOLYTIC UREMIC SYNDROME - VERY EARLY TREATMENT IS A WAY TO SUCCESS?
Vojtech Petr1, Ivan Zahradka1, Karolina Kratka1, Monika Grussmannova1, Eva Honsova2, Ivan Rychlik1, 1First Dept Medicine, Third Fac Medicine, Charles Univ, Prague, CZECH REPUBLIC, 2Inst Clinical and Experimental Medicine, Dept Clinical and Transplantation Pathology, Prague, CZECH REPUBLIC.

MP176
RARE KIDNEY DISEASES: A CONTINUOUS CLINICAL CHALLENGE FOR THE NEPHROLOGIST - ROLE OF ULTRASONOGRAPHY
Mirela Liana Gliga1,2, Paula Maria Gliga3, Cristian Nicolae Chirilă3, Carmen D. Caldararu1, Sandra Voicu4, Imola Torok5, Maria Daniela Podeanu6, 1Univ Medicine and Pharmacy Tg Mures, Nephrology, Tg Mures, ROMANIA, 2Diaverum Dyalisis Centre, Nephrology, Tg Mures, ROMANIA, 3Univ Medicine and Pharmacy Tg Mures, student, Tg Mures, ROMANIA, 4Univ Medicine and Pharmacy Tg Mures, Pediatrics, Tg Mures, ROMANIA, 5Univ Medicine and Pharmacy Tg Mures, Gastroenterology, Tg Mures, ROMANIA, 6Univ Medicine and Pharmacy Tg Mures, Radiology, Tg Mures, ROMANIA.

MP177
LIPOPROTEIN(A) AND THE RISK OF MORTALITY IN PATIENTS WITH ESTABLISHED CORONARY HEART DISEASE: A PROSPECTIVE STUDY OF 116,548 PATIENTS
Stephen Zewinger1, ATHEROGENE study group, Homburg Cream and Sugar (HCS) study group, KAROLA study group, PROSPER study group, WENBIT/WECAC study group, GENIUS-CHD consortium, Marcus E. Kleber2, Hubert Scharnagl3, Danilo Fliser1, Winfried März4, Timo Speer1, ISarland Univ Hosp, Dept Internal Medicine 4, Homburg, GERMANY, 2Univ Heidelberg, Mannheim Medical Fac, Vth Dept Medicine, Mannheim, GERMANY, 3Medical Univ Graz, Clinical Inst Medical and Chemical Lab, Graz, AUSTRIA, 4Medical Fac Mannheim, Univ Heidelberg, Medical Clinic V, Mannheim, GERMANY.

MP178
KLOTHO GENE POLYMORPHISMS ARE ASSOCIATED WITH PROGRESSION OF ATHEROMATOSIS IN PATIENTS WITH CKD. RESULTS OF TWO YEARS FOLLOW-UP OF THE NEFRONA COHORT
Marta Gracia1, Àngels Betriu1, Montserrat Martínez2, David Arroyo3, María Abajo1, Elvira Fernández1, José Manuel Valdivielso1, 1IRBLleida, Nephrology, Lleida, SPAIN, 2IRBLleida, Biostatistics, Lleida, SPAIN, 3Univ Hosp Arnau de Vilanova, Nephrology, Lleida, SPAIN.

MP179
HYPERTENSION, PROTEINURIA AND RENAL DYSFUNCTION WITH THE USE OF TARGETED AGENTS IN RENAL CANCER
Özgür Can1, Gülizar Mana Şahin1, Umut Kasapoğlu1, Bala Basak Özen Ustaölçüt2, Burçak Erköl2, 1Haydarpaşa Numune Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Haydarpaşa Numune Training and Research Hosp, Oncology, Istanbul, TURKEY.
MP180
PORPHYRIA CUTANEA TARDA (PCT), HEMODIALYSIS AND HEPATITIS C: AN OPEN CHALLENGE FOR DIAGNOSIS AND TREATMENT
Enrico Favaro1, Roberta Lazzarin1, Carla Davoli2, Annamaria Nicolli3, Andrea Trevisan3, Alessandra Antonia Mele1, Marta Guizzo1, Alberto Ferraro1, Erika Pierobon1, Daniela Cremasco1, Cataldo Abaterusso1, Osp S.Giacomo, U.O.C. Nefrologia, Castelfranco V TV, ITALY, 2Osp S. Giacomo Apostolo, U.O.C. Anatomia Patologica, Castelfranco Veneto (TV), ITALY, 3Univ Studi Padova, U.O.C. Medicina Preventiva e Valutazione Rischio, Padova, ITALY.

MP181
CHANGES OF BIOIMPEDENCE AND SEGMENTAL BODY COMPOSITION MEASUREMENT VALUE BEFORE AND AFTER HEMODIALYSIS IN END STAGE RENAL DISEASE PATIENTS
Hyunsuk Kim1, Eun Mi Lee1, Jiseon Kim1, Kook-Hwan Oh1, Yun Kyu Oh2, Seoul National Univ Hosp, Internal Medicine, Seoul, SOUTH KOREA, 2Seoul National Univ Boramae Medical Center, Internal Medicine, Seoul, SOUTH KOREA.
GLOMERULONEPHRITIS II

**MP182**
CLINICAL SIGNIFICANCE OF GENETIC VARIANTS IN PATIENTS WITH C3 GLOMERULOPATHIES
Aysegul Oruc1, Abdulmeit Yildiz1, Berna Vuruskan2, Afgi Berdeli3, Mahmut Yavuz1, Kamil Dilek1, Mustafa Gullulu1, Alparslan Erosy1, 1Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY, 2Uludag Univ Medical Fac, Pathology, Bursa, TURKEY, 3Ege Univ, Pediatri, Izmir, TURKEY.

**MP183**
PRONOSTIC ROLE OF HEMATURIA AT REMISSION IN A RETROSPECTIVE COHORTE OF 86 PATIENTS WITH A FIRST FLARE OF ANCA-ASSOCIATED GLOMERULONEPHRITIS
Cyrille Vandenbussche1,2, Laura Bitton3, Pierre Bataille4, François Glowacki2, Raymond Aza5, Pierre-Yves Hatron6, Evelyne MacNamara7, Jean Dominique Gheerbrant8, Gérard Cardon9, Viviane Gennemi3, Thomas Quemeu11, 1Centre Hosp Valenciennes, Néphrologie, Médecine Interne et Vasculaire, Valenciennes, FRANCE, 2Centre Hosp Régional Univ, Néphrologie, Dialyse et Transplantation, Lille, FRANCE, 3Centre Hosp Régional Univ, Service Anatomopathologie, Lille, FRANCE, 4Centre Hosp Boulogne-Sur-Mer, Néphrologie et Hémodialyse, Boulogne-Sur-Mer, FRANCE, 5Centre Hosp Dunkerque, Néphrologie-Hémodialyse, Dunkerque, FRANCE, 6Centre Hosp Régional Univ, Médecine Interne, Lille, FRANCE, 7Centre Hosp Béthune, Néphrologie et Hémodialyse, Béthune, FRANCE, 8Hôp privé Bois-Bernard, Néphrologie, Bois-Bernard, FRANCE, 9Centre Hosp Douai, Néphrologie et Hémodialyse, Douai, FRANCE.

**MP184**
THE RENOPROTECTIVE EFFECTS OF HELIX B SURFACE PEPTIDE IN PUROMYCIN AMINONUCLEOSIDE INDUCED NEPHROPATHY OF RATS
Ting Chen1, Li Yuan2, 1Nantong Third People’s Hosp, Nephrology, Nantong, CHINA, 2Affiliated Hosp Nantong Univ, Nephrology, Nantong, CHINA.

**MP185**
CLINICAL-PATHOLOGICAL CORRELATIONS AND PROGNOSTIC FACTORS IN A SICILIAN COHORT OF IGAN PATIENTS: A MULTICENTER RETROSPECTIVE ANALYSIS
Domenico Santoro1, Carmelita Marcantonii2, Luca Visconti3, Vincenzo Pellicano’3, Giuseppe Seminara2, Giacomo Ferrantelli3, Valeria Cernaro3, Michele Buemi3, Angelo Ferrantelli4, 1Univ Messina, Dept Internal Medicine, Messina, ITALY, 2osp Cannizzaro, Unit Nephrology, Catania, ITALY, 3Univ Messina, Unit Nephrology, Messina, ITALY, 4osp Cervello, Unit Nephrology, Palermo, ITALY.

**MP186**
CLINICAL OUTCOMES AND TREATMENT EFFECTS OF IDIOPATHIC MEMBRANOUS NEPHROPATHY: ELDERLY VS. YOUNGER PATIENTS
Yaeni Kim, Hye Eun Yoon, Seok Joon Shin, Bum Soon Choi, Yu Ah Hong, Yoon Kyung Chang, Suk Young Kim, Hyeon Seok Hwang, College Medicine, Catholic Univ Korea, Dept Internal Medicine, Seoul, SOUTH KOREA.

**MP187**
THE ROLE OF FRACTIONAL EXCRETION OF MAGNESIUM AS A PREDICTOR OF VARIOUS MORPHOLOGOCAL FEATURES IN PRIMARY GLOMERULONEPHRITIS
Elena Saganova, Olga Galkina, Vasiliy Sipovskii, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Nephrology, Saint Petersburg, RUSSIAN FEDERATION.

**MP188**
SIGNIFICANCE OF HAEMATURIA IN FOCAL AND SEGMENTAL GLOMERULOSCLEROSIS: CLINICAL AND HISTOLOGICAL CORRELATES
Eva Rodriguez, Javier Gimeno, Maria Jose Soler, Carlos Arias, Clara Barrios, Julio Pascual, Parc de Salut Mar, Nephrology, Barcelona, SPAIN.

**MP189**
ACUTE RENAL FAILURE IN PREGNANCY IN DEVELOPING COUNTRIES
Barboumi Hnia1,2, Chaabouni Yoser, Kamoun Khawla, Ben Hmida Mouhamed, Kherrat Mahmoud, Boudawara Tahya, Hchicha Jamil, 1CHU Hedi Chaker Sfax Tunisia, Nephrology, Sfax, TUNISIA, 2CHU Hbibe Bourgiba, Anatomopathology, Sfax, TUNISIA.

**MP190**
CLINICAL DETERMINANTS OF RENAL OUTCOMES IN DRUG-INDUCED ACUTE INTERSTITIAL NEPHRITIS
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MP191
VARIANTS OF IL1B, IL6 GENE ARE ASSOCIATED WITH THE GENETIC SUSCEPTIBILITY TO IGA NEPHROPATHY IN HAN CHINESE PEOPLE
Jiali Wei, Ying Zhang, Maowei Xie, Wenning Li, Daofa Zhang, Xiaohong Yang, Hui Han, Yanni Wang, Hainan General Hosp, Dept Nephrology, Haikou, CHINA.

MP192
SERUM GDF15 REFLECTS THE ACTIVITY AND PROGRESSION OF IMMUNOGLOBULIN A NEPHROPATHY
Ki-Ryang Na, Jin Young Jeong, Chang Hun Song, Hong Jin Bae, Young Rok Ham, Jiwon Lee, Dae Eun Choi, Kang Wook Lee, Chungnam National Univ, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA, 2Chungnam National Univ, Dept Medical Science, Daejeon, SOUTH KOREA, 3Chungnam National Univ, Pediatrics, Daejeon, SOUTH KOREA.

MP193
MANAGEMENT OF SEVERE LUPUS NEPHRITIS. COMPARISON OF LOW DOSE MYCOPHENOLATE AND INTRA-VENOUS PULSE CYCLOPHOSPHAMIDE
Ravindra A. Prabhu, Shrinivas Kosuru, Shankar P. Nagaraju, Dharshan Rangaswamy, Sindhu Kaza, Srikanth Rao, Sriivas Sheny0, Karam Sara, Mohamed I. B, Ashok Ram, Vasudeva Guddattu, Kasturba Medical College Manipal, Manipal Univ, Nephrology, Manipal, Manipal Univ, Statistics, Manipal, INDIA.

MP194
LONG-TERM PROGNOSIS OF 160 PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY AND NEPHROTIC SYNDROME, AND EFFICACY OF COMBINATION THERAPY WITH CORTICOSTEROID AND CYCLOSPORINE
Hiroaki Tanaka, Takayuki Fuji, Kayoko Kiso, Junya Koshizaka, Nobuaki Yamauchi, Mizuki Shinozaki, Kaji Saito, Mayu Morimoto, Noriko Terasaki, Satoshi Suzuki, Seirei Sakura Citizen Hosp, Kidney Center, Sakura city, JAPAN.

MP195
END STAGE KIDNEY DISEASE RISK ESTIMATION IN A SPANISH COHORT OF IgA NEPHROPATHY
Teresa Olea, Lucia Rodriguez-Gayo, Juan Santacruz, Sara Afonso, Carlos Jimenez, Rafael Selgas, Margarita Lopez-Trascasas, Pilar Sanchez-Corral, Hosp Univ La Paz, Nephrology, Madrid, SPAIN, 2Hosp Univ La Paz, Immunology, Madrid, SPAIN, 3Hosp Univ La Paz-IldiPAZ, Unidad Investigacion, Madrid, SPAIN.

MP196
ANTI-ETAR AND SUPAR AS SURROGATE MARKERS OF DISEASE ACTIVITY IN RENAL ANCA-ASSOCIATED VASCUITIS
Olumide O. Rowaiye, Mariusz Kusztal, Marcelina Zabinska, Dorota Bartoszek, Marta Myszka, Katarzyna Kościelska-Kaspzak, Mirosław Banasik, Oktawia Mazanowska, Magdalena Krajewska, Marian Klinger, Wroclaw Medical Univ, Nephrology and Transplantation Medicine, Wroclaw, POLAND.

MP197
PREDICTORS OF CLINICAL AND HISTOPATHOLOGICAL OUTCOMES FOR IGA NEPHROPATHY AND EFFECT OF TREATMENT IN AN INDIAN COHORT
Saravanan Margabandhu, Basu Gopal, Anila Korula, Anjali Mohapatra, Grace Rebakah, Chakko K. Jacob, Tamilarasi V2, 1Apollo Hosp, Nephrology, Chennai, INDIA, 2Christian Medical College, Nephrology, Vellore, INDIA, 3Central Northern Adelaide Renal and Transplant Service, Nephrology, North Terrace, Adelaide, AUSTRALIA, 4Christian Medical College, Pathology, Vellore, INDIA, 5Christian Medical College, Bio-statistics, Vellore, INDIA.

MP198
USE OF RITUXIMAB AS INDUCTION THERAPY IN ANTI-GLOMERULAR-BASEMENT-MEMBRANE DISEASE
Morgane Heitz, Pierre-Louis Carroli, Camille Domenger, Nicole Pinei, Giovanna Clavario, Amanda Briault, Lionel Restaing, Fitsum Guebre-Egziabher, 1Univ Hosp Grenoble-Alpes, Nephrology-Dialysis-Transplantation, Grenoble, FRANCE, 2Univ Hosp Grenoble-Alpes, Pathology Lab, Grenoble, FRANCE, 3Univ Hosp Grenoble-Alpes, Immunology Lab, Grenoble, FRANCE, 4Univ Hosp Grenoble-Alpes, Pneumology, Grenoble, FRANCE.

MP199
GENETIC PREDICTORS OF RENAL SURVIVAL IN ALTERNATIVE COMPLEMENT PATHWAY ASSOCIATED GLOMERULONEPHRITIS
Ege Sinan Torun, Irem Sarihan, Safak Mirioglu, Sebahat Akgul, Sonay Temurhan, Alatattin Yildiz, Aydin Turkmen, Yasar Caliskan, Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Medical Biology, Istanbul, TURKEY, 3Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

MP200
ANTIBODIES TO EARLY EBV ANTIGENS ASSOCIATE WITH THE GENERATION OF ANTI-DUAL-STRANDED DNA ANTIBODIES AND ACTIVITY OF LUPUS NEPHRITIS
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MP201
CLINICAL CHARACTERISTICS AND PROGNOSIS OF PATIENTS WITH PRIMARY MEMBRANOUS NEPHROPATHY REGARDING PRESENCE OF ANTI PLAZR ANTIBODIES - A CROATIAN MULTICENTER STUDY
Mario Laganovic1, Ivica Horvatić3, Ivan Bubić4,5, Mario Ilić6, Bojana Maksimović7, Ana Kozmar8, Ema Ivandić9, Matija Mrnovorac3, Tajana Zeljkovic Vrkić9, Marijana Zivko9, Margareta Fistrek9, Danica Galesic Ljubanovic10,2, Marijana Corić11,2, Bojan Jelaković9,2, 1Univ Hosp Center Zagreb, Zagreb, CROATIA, 2School Medicine Univ Zagreb, Zagreb, CROATIA, 3Clinical Hosp Dubrava, Dept Nephrology and Dialysis, Zagreb, CROATIA, 4Univ Hosp Center Rijeka, Dept Nephrology and Dialysis, Rijeka, CROATIA, 5School Medicine Univ Rijeka, Rijeka, CROATIA, 6General Hosp Dubrovnik, Dept Nephrology and Dialysis, Dubrovnik, CROATIA, 7Clinical Hosp Merkur, Dept Nephrology, Zagreb, CROATIA, 8Univ Hosp Center Zagreb, Dept DiagNostics, Zagreb, CROATIA, 9Univ Hosp Center Zagreb, Dept Nephrology, Hypertension, Dialysis and Transplantation, Zagreb, CROATIA, 10Clinical Hosp Dubrava, Dept Pathology, Zagreb, CROATIA, 11Univ Hosp Center Zagreb, Clinical Dept Pathology and Cytolgy, Zagreb, CROATIA.

MP202
SAFETY, HISTOLOGIC FINDINGS AND CLINICAL IMPACT OF KIDNEY BIOPSIES IN OBESE PATIENTS
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MP203
A SYSTEMATIC REVIEW ON MATERNAL AND FOETAL OUTCOMES IN PREGNANT WOMEN WITH IGA NEPHROPATHY: A CASE OF LATE MATERNAL PREECLAMPSIA?
Benedetta Montersoni1, Isabelle Kooij1, Gianfranca Cabiddu2, Federica Fassio1, Martina Gerbino1, Marilisa Biolcati1, Elisabetta Versino3, Valentina Loi2, Mariagrazia Alemanno1, Tuilia Todros1, Rossella Attini1, Giorgina Barbara Piccoli4, 1Univ Turin, OIRM-Sant’Anna, Materno-Foetal, Turin, ITALY, 2Brotzu Hosp, Nephrology, Cagliari, ITALY, 3Univ Turin, Clinical and Biological Sciences, Turin, ITALY, 4Centre Hosp Le Mans, Nephrology, Le Mans, FRANCE.

MP204
SLOWLY PROGRESSIVE GLOMERULONEPHRITIS IN PATIENTS WITH ANCA ASSOCIATED VASCULITIS (AAV)
Maria Letizia Urban1, Giorgio Trivioli1, Gina Gregorini2, Marta Calatroni3, Pasquale Esposito3, Federico Alberici4, Matthias A. Cassia4, Davide Gianfreda1, Gabriella Moroni5, Augusto Vaglio1, 1Univ Hosp Parma, Nephrology, Parma, ITALY, 2Policlinico S. Matteo, Nephrology, Pavia, ITALY, 3San Carlo Borromeo Hosp, Nephrology, Milano, ITALY, 43Policlinico S. Matteo, Nephrology, Pavia, ITALY, 5Policlinico Hosp, Nephrology, Milano, ITALY.

MP205
CLINICAL PRESENTATION AND OUTCOMES OF MEMBRANOUS NEPHROPATHY AFTER RENAL TRANSPLANTATION
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MP206
CLINICAL FEATURES AND OUTCOME OF LUPUS NEPHRITIS PATIENTS WITH CRESCENT IN RENAL BIOPSY
Fadel A. Alrowaie1, Maram AlTurki2, Alhanouf Alhusani2, Arig Alqahtani2, Malak Alhajlah2, Aala Althubaiti2, 1King Fahad Medical City, Medical Specialities Dept, Riyadh, SAUDI ARABIA, 2King Saud bin Abdulaziz Univ for Health Sciences, Riyadh, SAUDI ARABIA.

MP207
ROLE OF CARDIOTROPHIN-1 IN GLOMERULAR DAMAGE AND PODOCYTE BIOLOGY
Nuria Perueto-Tejedor1, Elisavet Vasilopoulou2, Cristina Cuesta1, Maria Paniagua-Sanchez1, Isabel Fuentes-Calvo3, Nelida Elena3, David Long2, Carlos Martinez-Salgado1, 1Salamanca Inst Biomedical Research (IBSAL), Research Unit, Salamanca, SPAIN, 2Inst Child Health, Univ London College, Developmental Biology and Cancer, London, UK, 3Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP208
CLINICAL VALUE OF URINARY CYTOKINES / CHEMOKINES AS PROGNOSTIC MARKERS IN PATIENTS WITH CRESCENTIC GLOMERULONEPHRITIS
Jeeun Park1, Eun Jeong Lee1, Jinhae Kim1, Subin Hwang1, Hye Ryoun Jang1, Jung Eun Leel, Ghee Young Kwon2, Woooseong Huh1, Dae Joong Kim1, Yoon-Goo Kim1, Ha Young Oh1, 1Samsung Medical Center, Sungkyunkwan Univ School Medicine, Dept Medicine, Seoul, SOUTH KOREA, 2Samsung Medical Center, Sungkyunkwan Univ School Medicine, Dept Pathology, Seoul, SOUTH KOREA.
Posters

MP209
URINARY FINDINGS DOES NOT REFLECT KIDNEY STATUS IN CHRONIC GLOMERULONEPHRITIS AFTER STEROID THERAPY
Hyeajin Yun1, Byoung-Soo Cho2, Sung-Min Jung3, Sung-Gyu Ha2, Hyun Soon Lee4, Kyung-Min Lee5, 1MIRAE ING Kidney Center, Internal medicine, Seoul, SOUTH KOREA, 2MIRAE ING Kidney Center, Nephrology, Seoul, SOUTH KOREA, 3EWha Women’s Medical College, Nephrology, Seoul, SOUTH KOREA, 4Korea pathology lab, pathology, Seoul, SOUTH KOREA, 5ByulE Plastic Surgery, Plastic surgery, Seoul, SOUTH KOREA.

MP210
BAFF AND APRIL EXPRESSION AS AN AUTOIMMUNE FEATURE OF MEMBRANOUS NEPHROPATHY
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MP211
NEW ONSET DIABETES MELLITUS IN GLOMERULAR DISEASE TREATED WITH IMMUNOSUPPRESSANTS
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MP212
OXIDATIVE STRESS AS A PREDICTOR OF PROGRESSION IN IGA NEPHROPATHY
Tarik Onur Tiryaki1, Ege Sinan Torun1, Sebahan Akgul2, Sonay Temurhan2, Serra Artan3, Mehmet S. Sever3, Yasar Caliskan3, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Medical Biology, Istanbul, TURKEY, 3Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

MP213
RITUXIMAB THERAPY FOR PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY RESISTANT TO CALCINEURIN INHIBITOR BASED THERAPY
Savgi Saci1, Arif Akhsyldiz2, Ali Riza Ucar1, Erol Demir1, Halil Yazici1, Aydin Turkmen1, Yasar Caliskan1, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 3Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY.

MP214
CLINICOPATHOLOGIC CHARACTERISTICS AND OUTCOMES OF MPGN: A RETROSPECTIVE STUDY OF 34 CASES BASED ON NEW CLASSIFICATION
Keisuke Kawashima1, Saori Nishio1, Kanako Watanabe1, Sayo Takeda1, Nobuharu Kaneshima1, Keiichi Kondo1, Yozo Ishikawa1, Fumihiko Hattanda1, Seiji Hashimoto2, Yuichiro Fukasawa3, Tatsuya Asutomi1, 1Hokkaido Univ Hosp, Dept medicine 2, Sapporo, JAPAN, 2NTT EAST JAPAN Sapporo Hosp, Nephrology, Sapporo, JAPAN, 3Sapporo City General Hosp, Pathology, Sapporo, JAPAN.

MP215
ACUTE RENAL FAILURE SECONDARY TO RENIN ANGIOTENSIN SYSTEM BLOKERS SHORT AND LONG TERM PROGNOSIS
Najla Dammak, Khawla Kammoun, Salma Toumi, Yosr Chaabouni, Mahmoud Kharrat, Faical Jarraya, Mohamed Ben Hmida, Jamil Hachicha, Hedi Chaker Hosp, Nephrology, Sfax, TUNISIA.

MP216
MYCOPHENOLIC ACID PHARMACOKINETICS AND PHARMACOGENOMICS IN LUPUS NEPHRITIS PATIENTS ON MAINTENANCE IMMUNOSUPPRESSION
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MP217
GENOTYPING FOR PERSONALIZED MEDICINE IN ADULT PATIENTS WITH PRIMARY FOCAL SEGMENTAL GLOMERULOSCLEROSIS
Safak Mirioglu1, Zulal Istemihan1, Ali R. Ucar2, Ahmet B. Dirim1, Sebahat Akgul3, Yasar Caliskan2, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Istanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, TURKEY, 3Istanbul Univ, Istanbul Fac Medicine, Dept Medical Biology, Istanbul, TURKEY.

MP218
CYTOMEGALOVIRUS INFECTIONS IN PATIENTS RECEIVING IMMUNOSUPPRESSION FOR ANCA-ASSOCIATED VASCULITIS: A MULTICENTRE CASE SERIES
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MP220
LUNG INVOLVEMENT ON PATIENTS WITH ANCA ASSOCIATED RENAL DISEASE
Hiroki Mizuno1, Atsushi Miyamoto2, Yoshifumi Ubara1, Akinari Sekine1, Yoichi Oshima1, Masahiko Oguro1, Kyohei Kunizawa1, Masahiro Kawada1, Masayuki Yamanouchi1, Eiko Hasegawa1, Keiichi Sumida1, Noriko Hayami1, Jun-ichi Hoshino1, Naoki Sawa1, Ken-ichi Ohashi1, Takeshi Fujii3, Kenmei Takaich1, 1Toranomon Hosp, Kidney Center, Tokyo, JAPAN, 2Toranomon Hosp, Respiratory Center, Tokyo, JAPAN, 3Toranomon Hosp, Dept Pathology, Tokyo, JAPAN.

MP221
OUTCOME OF PREGNANCY IN WOMEN WITH GLOMERULAR DISEASES
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MP222
A RENAL BIOPSY SHOULD NOT DELAY TREATMENT INTIATION IN SUSPECTED LUPUS NEPHRITIS

MP223
C3 POSITIVE STAINING IN GLOMERULI AND SMALL BLOOD VESSELS IS POTENTIAL PROGNOSTIC FACTOR IN ANCA ASSOCIATED VASCULITIS
Matija Crnogorac1, Ivica Horvatic1, Patricia Kacinar1, Jasna Bacalja2, Danica Galesic Ljubanovic2, Kresimir Galesic1, 1Dubrava Univ Hosp, Dept Nephrology and Dialysis, Zagreb, CROATIA, 2Dubrava Univ Hosp, Dept Nephrology and Dialysis, Zagreb, croatia.

MP224
EVIDENCE FOR REGULATION BY PENTRAxin 3 IN PRODUCTION OF MURINE ANTI-MYELOPEROXIDASE ANTIBODY IN VIVO
Kei Naga1, Yasuaki Aratani2, Akira Shibuya3, Kunihiro Yamagata1, 1Univ Tsukuba, Dept Nephrology, Tsukuba, JAPAN, 2Yokohama City Univ, Graduate School Nanobioscience, Yokohama, JAPAN, 3Univ Tsukuba, Dept Immunology, Tsukuba, JAPAN.

MP225
TREATMENT AND CLINICAL OUTCOMES OF IDIOPATHIC MEMBRANOUS NEPHROPATHY IN THE ELDERLY
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MP226
CLINICAL ADVANTAGE OF CONCOMITANT USE OF MIZORIBINE AND PREDNISOLONE ON PRIMARY MEMBRANOUS NEPHROPATHY IN THE ELDERLY
Hajime Hasegawa1,2, Tetsuya Mita1,2, Yasuhiro Tomino1, Hitoshi Yokoyama1, Kunihiro Yamagata1, Masayuki Iwano1, Kaori Takayanagi2, 1Study group nephrotic syndrome in the elderly, Kawagoe, JAPAN, 2Saitama Medical Center, Saitama Medical Univ, Dept Nephrol and Hypertens, Fac Blood Purification, Kawagoe, JAPAN.

MP227
OUTCOMES OF PATIENTS WITH LUPUS NEPHRITIS
Ondrej Dermer1, Satu S. Pesickova1, Zdenka Hruskova1, Barbora Svobodova1, Jakub Zavada2, Martin Lenicek3, Roman Rysava1, Vladimir Tesar1, 1General Univ Hospital and First Fac Medicine, Charles Univ Prague, Dept Nephrology, Prague, CZECH REPUBLIC, 2Inst Rheumatology, First Fac Medicine, Charles Univ Prague, Inst Rheumatology, Prague, CZECH REPUBLIC, 3Inst Medical Biochemistry and Lab Diagnostics, First Fac Medicine, Charles Univ Prague, Dept Lab diagnostics, Prague, CZECH REPUBLIC.

MP228
CASE SERIES OF NON-IMMUNE COMPLEX GLOMERULONEPHRITIDIES IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS
Fadel Alrowaie, Ali AlFayez, Khalid Almatham, King Fahad Medical City, Medical Specialities Dept, Riyadh, SAUDI ARABIA.

MP229
HEAT SHOCK PROTEIN 27 AND 70 IN CHRONIC GLOMERULONEPHRITIS (CGN)
Natalia Chebotareva, Irina Bobkova, Natalia Neprinzeva, I.M. Sechenov First Moscow State Medical Univ, Nephrology, Moscow, RUSSIAN FEDERATION.
**Posters**

**MP230**
EFFECT OF CYCLOPHOSPHAMIDE AND MYCOPHENOLATE MOFETIL ON LYMPHOCYTE SUBSETS IN PATIENTS WITH ACTIVE LUPUS NEPHRITIS

Desmond YH Yap1, Paul Lee1, Irene Yam1, Chun Hay Tam2, Sunny Wong2, Susan Yung1, Tak Mao Chan1, 1Univ Hong Kong, Dept Medicine, Hong Kong, HONG KONG, 2United Christian Hosp, Dept Medicine and Geriatrics, Hong Kong, HONG KONG.

**MP231**
ANCA-ASSOCIATED VASCULITIS PRESENTING WITH SEVERE RENAL FAILURE

Javier Villacorta1, Mercedes Acevedo2, Teresa Cavero3, Francisco Diaz-Crespo4, Alfredo Cordon1, Beatriz Sanchez Alamo1, Manuel Praga3, Gema Fernandez-Juarez1, 1Hosp Univ Fundacion Alcorcon, Nephrology, Madrid, SPAIN, 2Hosp Virgen de la Salud, Nephrology, Toledo, SPAIN, 3Hosp Univ Doce de Octubre, Nephrology, Madrid, SPAIN, 4Hosp Virgen de la Salud, Pathology, Toledo, SPAIN.

**MP232**
METABOLIC PROFILE AND CARDIOVASCULAR RISK IN PATIENTS WITH GLOMERULAR DISEASE TREATED WITH IMMUNOSUPPRESSANTS

Cynthia C. Lim1, Yok Mooi Chin1, Hui Ling Koh2, Maggie WY Wong2, Irene Mok1, Jason Choo1, 1Singapore General Hosp, Dept Renal Medicine, Singapore, SINGAPORE, 2National Univ Singapore, Yong Loo Lin School Medicine, Singapore, SINGAPORE.

**MP233**
RENAL SURVIVAL IN PATIENTS WITH ANCA ASSOCIATED VASCULITIS

Matija Crnogorac1, Ivica Horvatic1, Patricia Kacinari1, Luka Toric1, Mario Pehar1, Jasna Bacalja2, Danica Galesic Ljubanovic2, Kresimir Galesic1, 1Dubrava Univ Hosp, Dept Nephrology and Dialysis, Zagreb, CROATIA, 2Dubrava Univ Hosp, Dept Pathology, Zagreb, CROATIA.

**MP234**
CLINICOPATHOLOGICAL FEATURES OF IGA NEPHROPATHY IN PATIENTS OLDER THAN 45 YEARS

Kirill Komissarov1, Margarita Dmitrieva2, Valery Pilotovich1, 1Belarusian Medical Academy Postgraduate Education, Nephrology, Minsk, BELARUS, 2Minsk City Clinical Pathology Bureau, pathology, Minsk, BELARUS.
EXPERIMENTAL AKI II

**MP235**
ANTI-HISTONE IGG ATTENUATES CKD UPON AKI RELATED TO POSTISCHEMIC TUBULAR NECROSIS IN MICE
Lukas Rath, Julian A. Marschner, Alexander Holderied, Hans-Joachim Anders, Univ Munich, Medizinische Klinik und Poliklinik IV, Munich, GERMANY.

**MP236**
CSAR2 DEFICIENCY ATTENUATES RENAL IRI VIA IL-10 DEPENDENT MECHANISMS
Anja Thorenz1, Christoph Schröder2, Lisa Dressler2, Florian Skwirblies2, Rongjun Chen1, Katja Hüper3, Bennet Hensen3, Martin Meier4, Song Rong1, Hermann Haller1, Andreas Klos5, Faikah Güler1, 1Medical School Hannover, Nephrology, Hannover, GERMANY, 2Sciomics Heidelberg, Heidelberg, GERMANY, 3Medical School Hannover, Radiology, Hannover, GERMANY, 4Medical School Hannover, Imaging Center, Hannover, GERMANY, 5Medical School Hannover, Microbiology, Hannover, GERMANY.

**MP237**
ENZYMATIC DIGESTION OF THE ENDOTHELIAL GLYCOCALYX IS REGULATED BY THE TIE2 RECEPTOR AND ITS LIGANDS ANGIOPOIETIN-1 AND -2
Alexander Lukasz1, Carina Hillgruber2, Hans Oberleithner3, Bettina Hesse4, Kristina Kusche-Vihrog3, Hermann Pavenstädter4, Tobias Görge2, Philipp Kümper4, 1Univ Hosp Münster, Nephrology and Rheumatology, Münster, GERMANY, 2Univ Hosp Münster, Dept Dermatology, Münster, GERMANY, 3Univ Hosp Münster, Inst Physiology II, Münster, GERMANY, 4Univ Hosp Münster, Dept Medicine D, Div General Internal Medicine, Nephrology, and Rheumatology, Münster, GERMANY.

**MP238**
FATTY ACID BINDING PROTEIN 4 (FABP4) SENSITIZED MICE TO RENAL ISCHEMIA-REPERFUSION INJURY BY THE ACTIVATION OF MACROPHAGE INFLAMMATION
Liang Ma, Min Shi, Li Zhou, Ping Fu, Div Nephrology, Kidney Research Inst, West China Hosp, Sichuan Univ, Chengdu, CHINA.

**MP239**
EFFECT OF MACROPHAGE TLR4/NF-KB PATHWAY ON RHABDOMYOLYSIS-INDUCED ACUTE KIDNEY INJURY
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**MP240**
DEVELOPMENT OF AN “IN SITU” RENAL PERFUSION SYSTEM TO STUDY THE ORIGIN OF URINARY BIOMARKERS IN TWO ANIMAL MODELS OF ACUTE KIDNEY INJURY INDUCED BY GENTAMICIN AND ISCHEMIA-REPERFUSION
Víctor Blanco-Gozalo1, Laura Prieto-García1, Sandra M. Sancho-Martínez1,2, Yarem Quiros-Luis2, José M. López-Novos2, Francisco J. Lopez-Hernandez1,2, 1Inst Biomedical Research Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

**MP241**
HAEMOGLOBIN INDUCES PODOCYTE INJURY IN MICE AND HUMAN WITH PATHOLOGIES ASSOCIATED WITH MASSIVE INTRAVASCULAR HEMOLYSIS
Melania Guerrero Huél, Alfonso Rubio Navarro1, Maria Dolores Sanchez-Niño1,2, Alejandra Palomino Antolin1, Eduardo Gutierrez2,3, Claudia Yuste2,3, Angel Sevillano2,3, Manuel Praga2,3, Javier Egea4, Elena Román5, Pablo Cánata6, Rosa Ortega7, Alberto Ortiz1,2, Jesús Egidio1, Juan Antonio Moreno1, 1Fundación Jiménez Díaz, Renal, Vascular and Diabetes Research Lab, Madrid, SPAIN, 2Red Investigación Renal (redinred), Madrid, SPAIN, 3Hospital 12 de Octubre, Dept Nephrology, Madrid, SPAIN, 4Hospital Universitario la Princesa, Farmacología y terapéutica, Fac Medicina, UAM, Madrid, SPAIN, 5La Fe Hosp, Pediatric Nephrology Dept, Valencia, SPAIN, 6Fundación Jiménez Díaz, Pathology Dept, Madrid, SPAIN, 7Reina Sofia Univ Hosp, Pathology Dept, Córdoba, SPAIN.

**MP242**
MODIFYING TRPM7 FUNCTION BY SYNTHETIC SMALL INTERFERING RNA AND CHBP IN MOUSE RENAL EPITHELIAL CELLS
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MP243
DYNAMIC CHANGES OF PROPERDIN AND EFFECTS OF CHBP IN MOUSE RENAL ISCHEMIA REPERFUSION RELATED INJURY AND RECOVERY MODELS
Hui Wang1, Aifen Liu2, Yufang Zhang2, Yuanyuan Wu3, Qian Wang1, Li Yuan1, Cheng Yang1, Yaping Fan1, Bin Yang4,1, 1Affiliated Hosp Nantong Univ, Dept Nephrology, Nantong, CHINA, 2Medical College Nantong Univ, Basic Medical Research Centre, Nantong, CHINA, 3Medical College Nantong Univ, Dept Pathology, Nantong, CHINA, 4Univ Leicester, Leicester General Hosp, Univ Hosp Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK.

MP244
TWEAK/FN14 MEDIATES SECONDARY CELL DEATH DURING AKI
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MP245
URINARY LEVELS OF KIM-1 AND NGAL DO NOT CORRELATE WITH THE EXTENSION OF RENAL PARENCHYMAL DAMAGE
Sandra M. Sancho-Martinez1, Laura Prieto-Garcia2, Victor Blanco-Gozalo2, Yaremi Quiros-Luis1, Jose M. Lopez-Novo1, Francisco J Lopez-Hernandez2,1, 1Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN, 2Inst Biomedical Research of Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN.

MP246
IN VIVO EVALUATION OF PROTECTIVE EFFECT OF HYDRATION WITH SODIUM CHLORIDE VERSUS URINE ALKALINISATION ON COLISTIN INDUCED NEPHROTOXICITY IN RATS
Berfu Korucu1, Ink Unal2, Mert Pekcan3, Mehmet Alper Getinkaya4, Fevziye Figen Kaymaz2, Ahmet Çağkan Inkaya5, Murat Akova5, Serhat Ural5, Yunus Erdem6, 1Gazi Univ Fac Medicine, Dept Nephrology, Ankara, TURKEY, 2Hacettepe Univ Fac Medicine, Dept Histology and Embryology, Ankara, TURKEY, 3Ankara TÜRKAY Fac Veterinary Medicine, Dept Biotechnology, Ankara, TURKEY, 4Hacettepe Univ Fac Medicine, Animal Research Center, Ankara, TURKEY, 5Hacettepe Univ Fac Medicine, Dept Infectious Diseases, Ankara, TURKEY, 6Hacettepe Univ Fac Medicine, Dept Nephrology, Ankara, TURKEY.

MP247
SIGMA 1 RECEPTOR AGONISM IS PROTECTIVE AGAINST ISCHEMIA REPERFUSION INJURY
Adam Hosszu1,2, Zsuzsanna Antal3,2, Judit Hodrea3,2, Edgar SzkibinszkiJl1,2, Lilla Lenart3,2, Dora B. Balogh3,2, Laszlo Wagner1, Adam Vannay3,4, Attila J. Szabo3, Andrea Fekete3,2, 1Semmelweis Univ, Dept Transplantation and Surgery, Budapest, HUNGARY, 2Hungarian Academy Sciences, MTA-SE Lendület Diabetes Research Group, Budapest, HUNGARY, 3Semmelweis Univ, Dept Pediatrics, Budapest, HUNGARY, 4Hungarian Academy Sciences, MTA-SE Pediatrics and Nephrology Research Group, Budapest, HUNGARY.

MP248
PERSEPHIN PROTECTS AGAINST CISPLATIN-INDUCED ACUTE KIDNEY INJURY
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MP249
THE EFFECT OF PANOX INHIBITOR APX-115 ON CHRONIC RENAL INJURY IN AN EXPERIMENTAL MURINE MODEL OF UNILATERAL URETERAL OBSTRUCTION
Jin Joo Cha1, Hye Sook Min2, Jung Yeon Ghee1, Ji Ae Yoo1, Gyusik Choi1, Young Sun Kang1, Jee Young Han3, Dae Ryong Cha1, 1Korea Univ Ansan Hosp, Internal Medicine, Ansan City, SOUTH KOREA, 2Wonkwang Univ Medical College Sanbon Hosp, Internal Medicine, Gunpo, SOUTH KOREA, 3Inha Univ College Medicine, Pathology, Incheon, SOUTH KOREA.

MP250
A URINARY BIOMARKER FINGERPRINT DIFFERENTIATES AMIKACIN FROM GENTAMICIN NEPHROTOXICITY AND REVEALS DISTINCT UNDERPINNING PATHOPHYSIOLOGICAL MECHANISMS
Sandra M. Sancho-Martinez1,2, Miguel Fontecha-Barriuso1, Laura Prieto2, Victor Blanco-Gozalo2, Maria Herrero-Garcia1, Yaremi Quiros-Luis1, Jose M. Lopez-Novo2, Francisco J Lopez-Hernandez2,1, 1Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN, 2Inst Biomedical Research of Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN.

MP251
THE DEFICIENCY OF THE TRANSCRIPTIONAL COACTIVATOR PGC-1α INCREASES RENAL INJURY IN ACUTE KIDNEY INJURY (AKI)
Miguel Fontecha-Barriuso1,2, Olga Ruiz-Andrés1, María P. Monsalve3, Diego Martín-Sánchez1,2, Marta Ruiz-Ortega1,2,4, María Dolores Sánchez-Niño1,2, Alberto Ortiz1,2,4,5, Ana B. Sanz1,2, 1IIS-Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN, 2Red Investigación Renal (REDinREN), Nephrology, Madrid, SPAIN, 3Inst Investigaciones Biomedicas Alberto Sols, Metabolism and Cellular Signaling, Madrid, SPAIN, 4Univ Autónoma Madrid, School Medicine, Madrid, SPAIN, 5Inst Reina Sofia Investigación Nefrología (IRSN), Nephrology, Madrid, SPAIN.
MP252  
LYSOPHOSPHATIDIC ACID PROTECTS AGAINST ENDOTOXEMIA-ASSOCIATED ACUTE KIDNEY INJURY  
Koryun Mirzoyan, Marion Gillet, Dimitri Marsal, Audrey Casemayou, Justine Bertrand-Michel, Jean-Loup Bascands, Joost-Peter Schanstra, Jean-Sebastien Saulnier-Blache, Inst National Santé et Recherche Médicale (INSERM), U1048, Inst Cardiovascular and Metabolic Disease (I2MC), Toulouse, FRANCE.

MP253  
DEVELOPMENT OF AN EXPERIMENTAL MODEL OF TRIPLE WHAMMY PRE-RENAL ACUTE KIDNEY INJURY  
Laura Prieto-García1, Sandra M. Sancho-Martínez2,1, Victor Blanco-Gozalo1, Yaremi Quiros-Luis2, José M. López-Novoa2,1, Francisco J Lopez-Hernandez2,1, 1Inst Biomedical Research Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP254  
URINARY REGIIIβ DIFFERENTiates GENTAMICIN FROM CISPLATIN NEPHROTOXICITY: TOWARDS AN AETIOLOGICAL DIAGNOSIS  
Víctor Blanco Gozalo1, Yaremi Quiros-Luis2, Omar Sanchez-García2, Sandra M. Sancho-Martínez2,1, Laura Prieto-García1, José M. López-Novoa2,1, Francisco J. Lopez-Hernandez2,1, 1Inst Biomedical Research Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP255  
STUDY OF THE ROLE OF PRO-INFLAMMATORY AND ANTI-INFLAMMATORY CYTOKINES IN ACUTE KIDNEY-INJURY INDUCED BY GENTAMICIN  
Y Quiros Luisi1,2, V Blanco-Gozalo1,2, S M. Sancho-Martinez1,2, I. Prieto-Garcia1,2, J M. Lopez-Novoa1,2, F J. Lopez-Hernandez1,2, 1Univ Salamanca, Dept Physiology and Pharmacology, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP256  
EBOLA GLYCOPROTEINS AND ACUTE KIDNEY INJURY  
Benjamin Koch1, Olga Dolnik2, Stefan Büttner1, Stephan Becker2, Helmut Geiger1, Patrick C. Baer1, Goethe Univ Hosp, Nephrology, Frankfurt, GERMANY, 2Philipps Univ Marburg, Inst Virology, Marburg, GERMANY.

MP257  
MECHANISMS OF INTESTINAL BARRIER DYSFUNCTION IN ACUTE KIDNEY INJURY  
Jihyun Yang, Woori Cho, Yoon Kyung Choi, Tae Yeon Hwang, Myung-Gyu Kim, Won-Yong Cho, Sang-Kyung Jo, Korea Univ Anam Hosp, Internal Medicine, Seoul, SOUTH KOREA.

MP258  
ACUTE LIPOTOXICITY IN HUMAN LEPTOSPIROSIS AND SERUM  
Caroline A. Martins1, Mauro V. Castro-Faria2, Mauricio Y. Ibrahim2, 1Univ Federal Estado Rio de Janeiro, Nephrology, Rio de Janeiro, BRAZIL, 2Univ Estado Rio de Janeiro, Medicine, Rio de Janeiro, BRAZIL.

MP259  
ANTIPROTEINURIC EFFECTS OF EPIGALLOCATECHIN GALLATE ON TACROLIMUS-INDUCED NEPHROTOXICITY IN MICE  
Jong Hoon Chung, Byung Chul Shin, Hyun Lee Kim, Chosun Univ Medical School, Div Nephrology, Gwangju, SOUTH KOREA.

MP260  
INTERLEUKIN(IL)-36 AXIS IS MODULATED IN MICE AKI MODEL AND HUMAN URINE AND HUMAN AKI URINE AXIS IS MODULATED IN MICE AKI MODEL AND HUMAN AKI URINE  
Yoshio Terada, Hirofumi Nishikawa, Naoki Arima, Mamoru Masaki, Tatsuki Matsumoto, Yoshiko Shimamura, Kosuke Inoue, Yoshinori Taniguchi, Taro Horino, Shinpei Fujimoto, Shigetoshi Sano, Kochi Medical School, Dept Endocrinology, Metabolism and Nephrology, Nankoku, Kochi, JAPAN.

MP261  
OMEGA 3 ATTENUATE RENAL INJURY IN UUO MICE VIA IMPROVING AUTOPHAGIC FLUX  
Ki-Ryang Na1, Young Rok Ham1, Jin Young Jeong2, Hyunsu Choi3, Yoon-Kyung Chang4, Hong Jin Bae1, Chang Hun Song1, Dae Eun Choi5, Jiwon Lee6, Kang Wook Lee1, Chungnam National Univ, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA, 2Chungnam National Univ, Dept Medical Science, Daejeon, SOUTH KOREA, 3Catholic Univ Korea, Inst Clinical Medicine, Daejeon, SOUTH KOREA, 4Catholic Univ Korea, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA, 5Chungnam National Univ, Pediatrics, Daejeon, SOUTH KOREA.
MP262
PAI-1 IS A URINARY MARKER OF ACUTE KIDNEY INJURY INDUCED BY GENTAMICIN, ISCHEMIC-REPERFUSION AND SEPSIS
Víctor Blanco Gozalo1, Yaremi Quiros-Luis2, Sandra M. Sancho-Martínez1,2, Laura Prieto-García1, José M. López-Novoa2, Francisco J. Lopez-Hernandez2,1, 1Inst Biomedical Research Salamanca (IBSAL), Cardiovascular, Salamanca, SPAIN, 2Univ Salamanca, Physiology and Pharmacology, Salamanca, SPAIN.

MP263
RISK OF NEPHROTOXIC ACUTE KIDNEY INJURY ASSOCIATES TO URINARY LEVELS OF GM2AP
Y Quiros Luis1,2, V Blanco-Gozalo1,2, S M. Sancho-Martinez1,2, L Prieto-Garcia1,2, J M. Lopez-Novoa1,2, F J. Lopez-Hernández1,2, 1Univ Salamanca, Dept Physiology and Pharmacology, Salamanca, SPAIN, 2Inst Biomedical Research Salamanca, (ibsal-iecscyl), Salamanca, SPAIN.
MP264
A PREDICTIVE MODEL FOR SUCCESSFUL CONVERSION OF CONTINUOUS RENAL REPLACEMENT THERAPY TO INTERMITTENT HEMODIALYSIS IN CRITICALLY ILL PATIENTS
Ji Hyeon Park1,2, Hye Ryoun Jang2, Woosong Huh2, Dae Joong Kim2, Yoong-Goo Kim2, Ha Young Oh2, Jung Eun Lee2, 1National Police Hosp, Dept Medicine, Div Nephrology, Seoul, SOUTH KOREA, 2Samsung Medical Center, Dept Medicine, Div Nephrology, Seoul, SOUTH KOREA.

MP265
OBESITY, ACUTE KIDNEY INJURY AND MORTALITY IN PATIENTS WITH SEVERE SEPSIS OR SEPTIC SHOCK: A COHORT ANALYSIS
Joana Gameiro1, Marta Pereira1, Natacha Rodrigues1, Iolanda Godinho1, Marta Neves1, João Gouveia2, Zélia Costa e Silva2, José António Lopes1, 1Centro Hosp Lisboa Norte, EPE, Service Nephrology and Renal Transplantation, Lisboa, PORTUGAL, 2Centro Hosp Lisboa Norte, EPE, Div Intensive Medicine, Dept Medicine, Lisboa, PORTUGAL.

MP266
HELLP-SYNDROME A LINK TO AHUS: LAB FEATURES OF PREECLAMPSIA (PE), HELLP-SYNDROME AND PREGNANCY-ASSOCIATED ATYPICAL HEMOLYTIC UREMIC SYNDROME (P-AHUS)
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MP267
PHOSPHATE IS A NOVEL BIOMARKER OF DISEASE SEVERITY AND PREDICTS ADVERSE OUTCOMES IN AKI PATIENTS UNDERGOING CRRT
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MP268
ACUTE KIDNEY INJURY IN ADULT ONSET MINIMAL CHANGE DISEASE
Simona Stancu1,2, Gabriel Stefan1,2, IoanaDicu2, Madalina Hoinoiu2, Adrian Zugravu2,2, Cosmin Florescu3,4, Eugen Mandache3, Gabriel Mircescu1,2, 1Dr Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, ROMANIA, 2Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, ROMANIA, 3Dr Carol Davila Teaching Hosp Nephrology, Pathology, Bucharest, ROMANIA, 4Carol Davila Univ Medicine and Pharmacy, Pathology, Bucharest, ROMANIA.

MP269
CHANGING PATTERNS IN LEPTOSPIROSIS-ASSOCIATED ACUTE KIDNEY INJURY: A 3-DECADE STUDY IN NORTHEAST BRAZIL
Elizabeth De Francesco Daher1, Gabriela Studart Galdino de Carvalho1, Matheus Mendes1, Sergio Parentel1, Douglas Sousa Soares1, Hermano Alexandre Lima Rocha1, Geraldo Bezerra da Silva Junior2, 1Federal Univ Ceara, Dept Internal Medicine, Fortaleza, BRAZIL, 2Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL.

MP270
RISK OF ACUTE KIDNEY INJURY FOLLOWING COMMUNITY PRESCRIPTION OF ANTIBIOTICS
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MP271
IMPORTANCE OF SKELETAL MUSCLE MASS ON THE LONG TERM SURVIVAL IN ELDERLY ACUTE KIDNEY INJURY PATIENTS WHO UNDERWENT CONTINUOUS RENAL REPLACEMENT THERAPY
Ilm Soo Kwak1, Harin Rheel1, Il-Young Kim2, Sang-Heon Song1, Eun-Young Seong1, Dong-Won Lee2, Soo-Bong Lee2, 1Pusan National Univ Hosp, Internal Medicine, Busan, SOUTH KOREA, 2Yangsan-Pusan National Univ Hosp, Internal Medicine, Busan, SOUTH KOREA.

MP272
ACUTE KIDNEY INJURY IS ASSOCIATED WITH INCREASED IN-HOSPITAL MORTALITY AFTER ACUTE STROKE
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MP273 PREVALENCE AND PROGNOSTIC VALUE OF CARDIORENAL SYNDROME IN PATIENTS WITH ACUTE CARDIAC DISEASE
Marina Efremovtseva, Svetlana Avdoshina, Svetlana Villevalde, Zhanna Kobalava, RUDN Univ, Dept Internal Diseases, Moscow, RUSSIAN FEDERATION.

MP274 ACUTE KIDNEY INJURY IN CRITICALLY ILL BURNED PATIENTS IS INDEPENDENTLY ASSOCIATED WITH INCREASED MORTALITY
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MP275 ADEQUATE FLUID BALANCE AFFECTS OUTCOME OF ADULT PATIENTS UNDERGOING EXTRACORPOREAL MEMBRANE OXYGENATION TREATMENT
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MP276 RISK FACTORS OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIAC DISEASES
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MP277 PREDICTORS OF MORTALITY IN THE VERY ELDERLY SUBMITTED TO AKI
Alice Lanca, Rui Assis, Paula Gama, Carlos Cortes, Sandra Parede, Francisco Ferrer, Ana Vila Lobos, Centro Hosp Médio Tejo, Nephrology, Torres Novas, PORTUGAL.

MP278 RENAL OUTCOME OF DIABETIC VERSUS NONDIABETIC PATIENTS WITH ACUTE KIDNEY INJURY
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MP279 HYPOPHOSPHATEMIA ON OUTCOMES DURING CRRT
Ho Sik Shin, Kosin Univ College Medicine, Internal Medicine, Busan, SOUTH KOREA.

MP280 CLINICAL OUTCOME AND RISK FACTORS ASSOCIATED WITH COLISTIN-INDUCED ACUTE KIDNEY INJURY
Woo Yeong Park, Sang Mok Yeo, Seong Sik Kang, Kyubok Jin, Sung Bae Park, Seungyeup Han, Keimyung Univ School Medicine, Keimyung Univ Kidney Inst, Internal Medicine, Daegu, SOUTH KOREA.

MP281 ETIOLOGIC PROFILE OF ACUTE INTERSTITIAL NEPHRITIS
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MP282 LOXOSCELISM-ASSOCIATED ACUTE KIDNEY INJURY - A CROSS-SECTIONAL STUDY FROM NORTHEAST BRAZIL
Geraldo Bezerra da Silva Junior1, Polianna Lemos Moura Moreira Albuquerque2, Fernanda Holanda Menezes3, Thayanne Barreto de Lima3, Louise Donadello Tessarolo2, Elizabeth De Francesco Daher3, 1Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL, 2Inst Dr. José Frota, Toxicological Assistance Center, Fortaleza, BRAZIL, 3Federal Univ Ceará, Dept Internal Medicine, Fortaleza, BRAZIL.

MP283 THE PROGNOSTIC VALUE OF ACUTE KIDNEY INJURY IN PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA
Diana Serova, Valery Serov, Alexander Shutov, Marina Kuzovenkova, Ulyanovsk State Univ, Dept Internal Medicine, Ulyanovsk, RUSSIAN FEDERATION.
MP284
RISK PREDICTION FOR ACUTE KIDNEY INJURY IN ACUTE MEDICAL ADMISSIONS IN THE UK: THE RISK STUDY
The RISK Study investigators, Nicholas Cole, Epsom and St Helier NHS Trust, South West Thames Renal Dept, London, UK.

MP285
STUDY ON THE IMPACT OF RENAL STATUS IN THE OUTCOME OF PATIENTS UNDERGOING LIVER TRANSPLANT AT A TERTIARY CARE CENTRE IN SOUTH INDIA
S Talwar1, R Nair1, S Sudhindran2, G Kurian1, A Mathew1, S Steedharani1, Z Paul1, 1Amrita Inst medical sciences, Dept Nephrology, Kochi, INDIA, 2Amrita Inst medical sciences, Dept gastrointestinal surgery, Kochi, INDIA.

MP286
THE SIGNIFICANCE OF SERUM FERRITIN LEVELS ON RENAL OUTCOME IN PATIENTS WITH ACUTE KIDNEY INJURY
Zorica Dimitrijevic, Branka Mitic, Danijela Tasic, Tatjana Cvetkovic, Clinical Center Nis, Nephrology, Nis, SERBIA.

MP287
EXTRACELULAR CORPORAL AND CARDIOTHORACIC HYPERVOLEMIA, AS A PROGNOSTIC MARKERS IN ACUTE KIDNEY INJURY
Fco Javier Lavilla Royo, Pelayo Moiron Fernandez Hinojosa, Christian Israel Alfaro Sanchez, Omar Jose Gonzalez Aristegui, Maria Jose Molina Higuera, Nuria Garcia-Fernandez, Altagracia Elisa Bello Ovalles, Pedro Errasti Goenaga, Clinica Univ Navarra, Nephrology, Univ Navarra, SPAIN.

MP288
HANTAVIRUS INFECTION IN EUROPE
Petra Wurmová1, Zdenka Hrušková1, Ivana Vodičková1, Romana Ryšavá1, Vladimíra Bednárová1, Doubrovka Frausová, Oskar Zakiyanov1, Vladimir Tesař1, General Univ Hosp and First Fac Medicine, Charles Univ, Dept Nephrology, Prague, CZECH REPUBLIC, 1General Univ Hosp and First Fac Medicine, Dept Nephrology, Prague, CZECH REPUBLIC.

MP289
ACUTE KIDNEY INJURY IN ELDERLY - STUDY FROM RURAL INDIA
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MP290
THE IMPACT OF GLYCEMIC VARIABILITY ON INTRAHOSPITAL MORTALITY IN PATIENTS WITH DIABETES MELLITUS AND ACUTE KIDNEY INJURY
Zorica Dimitrijevic, Branka Mitic, Danijela Tasic, Karolina Paunovic, Miomir Stojanovic, Stevan Glogovac, Goran Paunovic, Clinical Center Nis, Clinic nephrology, Nis, SERBIA, 2Clinical Center Nis, Nephrology, Nis, SERBIA.

MP291
SERUM NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN PREDICTS ACUTE KIDNEY INJURY AND NEED FOR DIALYSIS IN SNAKEBITE ENVENOMATION
Elizbeth De Francesco Daher1, Polianna Lemos Moura Moreira Albuquerque2, Gdayllon Cavalcante Meneses3, Tuane Queiroz Frota4, Amanda Maria Timbó Rocha4, Beatrice Sombra Olinda4, Carlos Tiago Martins Moura2, Alice Maria Costa Martins3, Geraldo Bezerra da Silva Junior4, 1Federal Univ Ceara, Dept Internal Medicine, Fortaleza, BRAZIL, 2Inst Dr. José Frota, Toxicological Assistance Center, Fortaleza, BRAZIL, 3Federal Univ Ceara, Dept Physiology and Pharmacology, Fortaleza, BRAZIL, 4Univ Fortaleza, School Medicine, Fortaleza, BRAZIL.

MP292
INCIDENCE, SEVERITY AND OUTCOME OF ACUTE KIDNEY INJURY ACCORDING TO KDIGO CRITERIA BETWEEN INTENSIVE CARE UNIT PATIENTS
Albana Gjyzari1, Margarita Gjata2, Alma Idrizi, Floreta Kurti2, Myftar Barbullushi, Alketa Koroshi1, Ilijran Gjyzari3, 1Univ Hosp Center Nene Tereza, Nephrology Dialysis Transplantion, Tirana, ALBANIA, 2Univ Hosp Center Nene Tereza, Internal Medicine, Tirana, ALBANIA, 3Health Center Nr. 7, Internal Medicine, Tirana, ALBANIA.

MP293
DOPPLER ASSESSMENT OF INTRA-RENAL VASCULATURE AS A PREDICTOR OF CONTRAST-INDUCED NEPHROPATHY - A PILOT INVESTIGATION
Ahmed M. A. Saleh, Suez Canal Univ, Internal Medicine and Nephrology, Ismailia, EGYPT.

MP294
RENA L FUNCTION IN EARLY POSTOPERATIVE PERIOD REGARDING TO SURGICAL TECHNIQUES FOR ABDOMINAL AORTIC ANEURYSM REPAIR
Voin Brković1,2, Igor Banzić3,4, Mirjana Lausević1,2, Marija Milinković1,2, Milica Kravljača1, Radomir Naumović1, 1Clinical Centre Serbia, Clinic Nephrology, Belgrade, SERBIA, 2School Medicine, Univ Belgrade, Internal Medicine, Belgrade, SERBIA, 3Clinical Center Serbia, Clinic Vascular and Endovascular Surgery, Belgrade, SERBIA, 4School Medicine, Univ Belgrade, Surgery, Belgrade, SERBIA.
Posters

MP295
RESPIRATORY VARIATION OF INFERIOR VENA CAVA DIAMETER AND ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE
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MP296
FACTORS PREDICTING POOR OUTCOME AFTER RADICAL NEPHRECTOMY POOR OUTCOME AFTER RADICAL NEPHRECTOMY
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MP297
ELECTIVE MAJOR NON CARDIAC SURGERY AND ACUTE KIDNEY INJURY. IMPACT OF THE EXCESS CHLORIDE LOAD. A SINGLE-CENTRE, PROSPECTIVE COHORT STUDY
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MP298
BIOMARKERS IN EARLY DIAGNOSTIC OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIORENAL SYNDROME
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MP299
CLINICAL SPECTRUM AND OUTCOME OF ACUTE KIDNEY INJURY IN ELDERY FROM WESTERN INDIA
Mohan Patel1,2, Manish Balwani3, Kiran Bendale4, Pitambar Dighore5, Vivek Kute6, 1Apollo Hosp, Dept Nephrology, Navi Mumbai, INDIA, 2DRC-ITS, Civil Hosp Campus, Dept Nephrology, Ahmedabad, INDIA, 3Government Medical College and Super Speciality Hosp, Dept Nephrology, Nagpur, INDIA, 4Apollo Hosp, Dept Pathology, Nashik, INDIA, 5Indira Memorial Municipal Hosp, Dept Medicine, Shirpur, INDIA.

MP300
FOLLOW UP TO 3 YEARS AFTER AN EPISODE OF HOSPITAL ACQUIRED ACUTE KIDNEY INJURY
Anna Saurina1, Ester Jovell2, Maria Victoria Pardo3, Irati Tapia1, Monica Pou1, Fatima Moreno1, Vicents Esteve1, Miquel Fulquet1, Verónica Duarte1, Manel Ramírez de Arellano1, 1Hosp Terrassa, Consorci Sanitari Terrassa, Nephrology, Terrassa, SPAIN, 2Hosp Terrassa, Consorci Sanitari Terrassa, Research and Innovation, Terrassa, SPAIN, 3Hosp Terrassa, Consorci Sanitari Terrassa, Internal Medicine, Terrassa, SPAIN.

MP301
THE INTERVAL CHANGE OF PLASMA NGAL DURING THE FIRST 48 HOURS MAY PREDICT THE PROGNOSIS OF PATIENTS STARTING CRRT
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MP302
RISK ASSESSMENT OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIOVASCULAR DISEASES
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MP303
THE ROLE OF BIOMARKERS IN EARLY DIAGNOSIS OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIAC DISEASE
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MP304
EVALUATION OF SERUM UROMODULIN AS A MARKER OF ACUTE PANCREATIC-RENAL SYNDROME IN THE EARLY PHASE OF ACUTE PANCREATEITIS
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MP305
FACTORS AFFECTING PROGNOSIS OF ACUTE KIDNEY INJURY IN ELDERLY
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MP306
EFFICACY AND SAFETY OF REGIONAL CITRATE ANTICOAGULATION IN CONTINUOUS HEMODIAFILTRATION IN CLINICAL PRACTICE
Maria Huguet Mas1, Lida Maria Rodas Marin2, Miquel Blasco Pelicano2, Luis Fernando Quintana Porras2, Jordi Mercadal Mercadal3, Irene Rovira3, Jose Tomas Ortiz3, Esteban Poch Lopez de Briñas2, 1Univ Barcelona, Fac Medicine, Barcelona, SPAIN, 2Hosp Clinic, Nephrology, Barcelona, SPAIN, 3Hosp Clinic, Intensive Care Unit, Barcelona, SPAIN.

MP307
CLINICAL SPECTRUM OF ACUTE KIDNEY INJURY IN NORTH TRIBAL MAHARASHTRA
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CKD - GFR AND LABORATORY METHODS

MP308
USING ESTIMATED GFR TO DIAGNOSE CKD STAGES: FLICKING THE COIN
Esteban Porrini1, Sergio Luis-Lima2, Sara Estupiñan2, Patricia Delgado2, Mariam Cobo2, Rosa Miquel2, Alejandra Gonzalez-Delgado3, Natalia Negrin-Mena2, Domingo Marrero2, Ana Aldea-Peron4, Federico Gonzalez-Rinne2, Laura Diaz-Martín2, Armando Torres2, 1Univ la Laguna, ITB, La Laguna, SPAIN, 2Hosp Univ Canarias, Nephrology, La Laguna, SPAIN, 3Hosp Univ Canarias, Central Lab, La Laguna, SPAIN, 4Hosp Univ Canarias, Pharmacology, La Laguna, SPAIN.

MP309
SERUM UROMODULIN IS EARLY BIOMARKER OF INTERSTITIAL FIBROSIS/TUBULAR ATROPHY IN PATIENTS WITH GLOMERULOPATHIES
Mokhamad Khasun, Ivan Kayukov, Olga Beresneva, Marina Parastaeva, Olga Galkina, Vasily Sapovskii, Alexey Smirnov, First Pavlov Saint-Petersburg State Medical Univ, Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION.

MP310
EXPLORING BINDING CHARACTERISTICS AND RELATED COMPETITION OF DIFFERENT PROTEIN-BOUND UREA-LIKE TOXINS
Olivier Deltombe1, Henriette de Loor2, Griet Glorieux1, Annemieke Dhondt1, Wim Van Biesen1, Björn Meijers3, Sunny Eloot1, 1Ghent Univ, Internal Medicine - Renal Div, Ghent, BELGIUM, 2Univ Leuven, Microbiology and Immunology - Lab Nephrology, Leuven, BELGIUM, 3Univ Hosp Leuven, Nephrology and Renal Transplantation, Leuven, BELGIUM.

MP311
CKD-EPI EQUATION BASED EGFR IS MORE ACCURATE THAN GATE’S GFR IN CHINESE POPULATION
Danshu Xie, Hao Shi, Wen Zhang, Jingyuan Xie, Hong Ren, Liyan Ni, Xialian Yu, Weiming Wang, Nan Chen, Ruijin Hosp, Shanghai Jiaotong Univ School Medicine, Dept Nephrology, Shanghai, CHINA.

MP312
KIDNEY DISEASE PROGRESSION IN HIV-INFECTED PATIENTS RELATED WITH THE DETOXIFICATION OF ENDOGENOUS ELECTROPHILIC SPECIES
Clara Dias1, Pedro Campos2, Lucilia Diogo3, Diva Trigo4, Maria João Correia3, Ana Lemos3, Emilia Monteiro3, Karina Soto3,2, Sofia Pereira3, 1NOVA Medical School, Univ Nova Lisboa, CEDOC, Lisbon, PORTUGAL, 2Univ Hosp Canarias, Nephrology, La Laguna, SPAIN.

MP313
ESTIMATED GLOMERULAR FILTRATION RATE: DO WE MEASURE THE REAL RENAL FUNCTION OR ARE WE STILL GROPING IN THE DARK?
Francesco Trevisani1, Umberto Capitanio1, Alessandro Larcher1, Luigi Gianolli2, Arianna Betti1, Riccardo Vago1, Cristina Carenzii2, Roberto Bertini1, Andrea Salonia1, Alberto Briganti1, Lina Bua1, Fabio Mutti1, Fabio Benigni1, Natalia Negri3, Ana Gonzales Rinne3, Armando Torres3, Sergio Luis Lima3, Esteban Porrini3, Francesco Montorsi1, 1San Raffaele Scientific Inst, Urology, Milan, ITALY, 2San Raffaele Scientific Inst, Nuclear Medicine, Milan, ITALY, 3Univ Hosp Canary Island, Nephrology, La Laguna, SPAIN.

MP314
URINARY OSMOLAR GAP AND LONG-TERM OUTCOMES IN CHRONIC KIDNEY DISEASE
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MP315
CLINICAL VALIDATION OF A NOVEL ELISPOT-BASED IN VITRO DIAGNOSTIC ASSAY TO MONITOR CMV-SPECIFIC CELL-MEDIATED IMMUNITY IN KIDNEY TRANSPLANT RECIPIENTS
Bernhard Banasi1, Dominik Steubl2, Lutz Renders2, Dominik Chittka1, Miriam C. Banasi1, Thomas Wekerle3, Martina Koch4, Oliver Witzke5, Anja Mühlefeld6, Claudia Sommerer7, Antje Habicht8, Christian Hugo9, Thomas Hünig10, Monika Lindemann11, Traudel Schmidt12, Anne Rasche12, Sascha Barabas12, Ludwig Deml12, Ralf Wagner13, Bernhard K. Krämer14, Bernd Krüger14, 1Univ Medical Center Regensburg, Nephrology, Regensburg, GERMANY, 2Klinikum rechts der Isar Technische Univ Munich, Nephrology, Munich, GERMANY, 3Medical Univ Vienna, Surgery, Vienna, AUSTRIA, 4Univ Medical Center Hamburg-Eppendorf, Surgery, Hamburg, GERMANY, 5Univ Hosp Essen, Nephrology and Infectious Disease, Essen, GERMANY, 6Univ Hosp RWTH Aachen, Nephrology, Aachen, GERMANY, 7Univ Hosp Heidelberg, Nephrology, Heidelberg, GERMANY, 8Ludwig-Maximilians-Univ Munich, Nephrology, Munich, GERMANY, 9Carl Gustav Carus Univ Medical Center, Nephrology, Dresden, GERMANY, 10Univ Medical Center Würzburg, Immunology, Würzburg, GERMANY, 11Univ Hosp Essen, Inst Transfusion Medicine, Essen, GERMANY, 12Lophius Biosciences, Lophius Biosciences, Regensburg, GERMANY, 13Univ Hosp Regensburg, Inst Clinical Microbiology, Regensburg, GERMANY, 14Univ Medical Center Mannheim, Nephrology, Mannheim, GERMANY.
MP316
THE ASSOCIATION BETWEEN RENAL PARAMETERS AND URINARY MICRORNAS IN PATIENTS WITH IGA NEPHROPATHY
Soichiro Kon, Tsuneo Konta, Keita Kamei, Kazunobu Ichikawa, Isao Kubota, Yamagata Univ School Medicine, Dept Cardiology, Pulmonology, and Nephrology, Yamagata, JAPAN.

MP317
NON INVASIVE DIAGNOSIS OF CORONARY ARTERY DISEASE IN A COHORT OF CHRONIC KIDNEY DISEASE DIAGNOSIS OF CORONARY ARTERY DISEASE IN A COHORT OF CHRONIC KIDNEY DISEASE
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MP318
THE INVESTIGATION OF URINARY NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN CONCENTRATION STABILITY
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MP319
THE CKD PRE-DIALYSIS REGISTER: A USEFUL TOOL IN PREVENTIVE NEPHROLOGY - A PILOT MULTIDISCIPLINARY STUDY
Cristiana David1,2, Ileana Peride3,2, Daniela Radulescu1,2, Flavia Turcu1,2, Andrei Niculae1,2, Ionel Alexandru Checherita1,2, 1Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology and Dialysis, Bucharest, ROMANIA, 2St. John Emergency Clinical Hosp, Nephrology and Dialysis, Bucharest, ROMANIA, 3Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology, Bucharest, ROMANIA.

MP320
ASSOCIATION BETWEEN SKIN AUTOFLUORESCENCE AND FLUORESCENCE OF SPENT DIALYSATE
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MP321
WHEN CREATININE CLEARANCE AND ESTIMATED GFR DO NOT AGREE: THE ROLE OF MEASURED GFR IN CLINICAL PRACTICE
Esteban Porrini1, Sara Estupiñán2, Aleksandra González-Delgado3, Patricia Delgado2, Mariam Cobo2, Aurelio Rodríguez2, Rosa Miquele2, Sergio Luis-Lima2, Natalia Negrin-Mena2, Natalia Negrin-Mena2, Laura Díaz-Martínez2, Armando Torres2, 1Univ La Laguna, Nephrology, LA LAGUNA, 2Hosp Univ Canarias, Nephrology, La Laguna, SPAIN, 3Univ La Laguna, Nephrology, La Laguna, SPAIN.

MP322
CIRCULATING GALACTIN-3 LEVELS ARE ASSOCIATED WITH RESPIRATORY AND RENAL DYSFUNCTION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Elizabeth De Francesco Daher1, Natalia Morais Andrade2, Gdayyllon Cavalcante Meneses3, Gabriela Freire Bezerra3, Alice Maria Costa Martins3, Eanes Delgado Barros Pereira1, Geraldo Bezerra da Silva Junior2, 1Federal Univ Ceara, Dept Internal Medicine, Fortaleza, BRAZIL, 2Univ Fortaleza, Public Health Graduate Program, Fortaleza, BRAZIL, 3Federal Univ Ceara, Dept Physiology and Pharmacology, Fortaleza, BRAZIL.

MP323
PREDICTION OF URINARY CREATININE EXCRETION AND OF CREATININE CLEARANCE IN CHRONIC KIDNEY DISEASE PATIENTS. NEW TOOLS FROM BODY COMPOSITION ANALYSIS
Carlo Donadio, Univ Pisa, Clinical and Experimental Medicine, Pisa, ITALY.

MP324
PREVALENCE OF LOW GLOMERULAR FILTRATION RATE, PROTEINURIA AND ASSOCIATED RISK FACTORS IN A RURAL AREA OF BANGLADESH USING COCKCROFT-GAULT AND MDRD EQUATION- AN OBSERVATIONAL, CROSS-SECTIONAL STUDY
Mahmud Javed Hasan, Community Based Medical College Hosp Bangladesh, Nephrology, Mymensingh, BANGLADESH.
MP325
IS THERE ANY IMPORTANCE TO DETERMINE OF UROMODULIN SERUM CONCENTRATION IN PATIENTS WITH LONG TERM DIABETES MELLITUS TYPE 2
Elena Jordanova1, Sanja Simic Ogrizovic2,3, Vladimir Samardzic4, Violeta Dopsaj5, Ljiljana Bokan6, Gordana Perunicic Pekovic1, Jelena Tica Jeftic4, 1Clinical Hosp Center Zemun, Clinic Internal Medicine, Dept Nephrology, Belgrade, SERBIA, 2Clinical Center Serbia, Clinic Nephrology, Belgrade, SERBIA, 3Univ Belgrade, School Medicine, Belgrade, SERBIA, 4Clinical Hosp Center Zemun, Clinic Internal Medicine, Dept Endocrinology, Belgrade, SERBIA, 5Univ Belgrade, School Pharmacy, Belgrade, SERBIA, 6Clinical Hosp Center Zemun, Dept Lab Diagnostics, Belgrade, SERBIA.

MP326
INVESTIGATION OF NOVEL KIDNEY INJURY BIOMARKERS AMONG BODYBUILDERS USING ANABOLIC ANDROGENIC STEROIDS
Elizabeth De Francesco Daher1, Paulo Henrique Palácio Duarte Fernandes1, Gdayillon Cavalcante Meneses2, Alice Maria Costa Martins2, Geraldo Bezerra da Silva Junior3, 1Federal Univ Ceara, Dept Internal Medicine, Fortaleza, BRAZIL, 2Federal Univ Ceara, Dept Physiology and Pharmacology, Fortaleza, BRAZIL, 3Univ Fortaleza, School Medicine, Public Health Graduate Program, Fortaleza, BRAZIL.
Posters

CKD - PATHOPHYSIOLOGY & PROGRESSION II

MP327
ASSOCIATION OF INDOXYL SULFATE WITH RENAL LESION IN 5/6 NEPHRECTOMIZED RATS
Ayano Konagai, Kaori Kikuchi, Sumie Goto, Hiroko Iijima, Yoshiharu Itoh, Kureha Corporation, Pharmaceuticals & Agrochemicals Div, Tokyo, JAPAN.

MP328
COLLECTING DUCT CELL SPECIFIC MITOCHONDRIAL DYSFUNCTION INFLUENCE TO INFLAMMATION AND FIBROSIS IN UUO MICE
Jin Young Jeong1, Dae Eun Choi2, Chang Hun Song2, Hong Jin Bae2, Young Rok Ham2, Yoon-Kyung Chang3, Ki-Ryang Na2, Kang Wook Lee2, 1Chungnam National Univ, Dept Medical Science, Daejeon, SOUTH KOREA, 2Chungnam National Univ, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA, 3Catholic Univ Korea, Nephrology, Internal Medicine, Daejeon, SOUTH KOREA.

MP329
SERUM ALPHA-KLOTHO IS ASSOCIATED WITH PATHOLOGICAL CHANGES IN RENAL TISSUE IN PATIENTS WITH STAGES 1-3 CKD
Evdokia Bogdanova1, Olga Galkina1, Natalia Semenova2, Irina Zubina1, Vasilii Sipovskii1, Alexey Smirnov1, 1Pavlov First Saint Petersburg State Medical Univ, Nephrology Research Inst, Saint Petersburg, RUSSIAN FEDERATION, 2Russian Research Inst Hematology and Blood Transfusion, Morphology, Saint Petersburg, RUSSIAN FEDERATION.

MP330
COMPARISON OF FEBUXOSTAT AND ALLOPURINOL IN PROGRESSION OF CHRONIC KIDNEY DISEASE (CKD)
Tania Linares Grávalos1, Marian Goicoechea2, Úrsula Verdalles2, Ana García-Prieto2, Maria Soledad García De Vinuesa2, Eduardo Verde3, Ana Pérez De José2, Nicolás Macías3, Esther Torres2, Jose Luño2, 2Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP331
ASSOCIATION OF VISCERAL FAT ACCUMULATION WITH KIDNEY FUNCTION DECLINE IN CHRONIC KIDNEY DISEASE
Eri Okada, Takehiko Kawaguchi, Satoshi Kumakura, Masaki Uehara, Mari Okajima, Takafumi Yamakawa, Moritoshi Kademura, Toshiyuki Imasawa, Chiba East Hosp, Dept Nephrology, Chiba, JAPAN.

MP332
ROLE OF B7.1 IN HYPERTENSIVE NEPHROPATHY
Asa Seth1, Carol P. Moreno Quinn1, Stephanie Heasman2, Michael Sulikowski2, James Conway3, Tim Slidel4, Matthew Coghlan1, 1MedImmune, Cardiovascular and Metabolic Disease, CAMBRIDGE, UK, 2MedImmune, Pathology, CAMBRIDGE, UK, 3MedImmune, Translational Sciences, Gaithersburg, MD, 4MedImmune, Bioinformatics, CAMBRIDGE, UK.

MP333
THE TISSUE EXPRESSIONS OF TUBULAR INJURY MARKER, NGAL AND KIM-1, ARE ASSOCIATED WITH RENAL FUNCTION DECLINE IN DIABETIC KIDNEY DISEASE
Subin Hwang, Eun Jeong Lee, Hye Ryoun Jang, Jung Eun Lee, Wooseong Huh, Yoon-Goo Kim, Da Joong Kim, Ha Young Oh, Samsung Medical Center, Sungkyunkwan Univ School Medicine, Nephrology Div, Dept Medicine, Seoul, SOUTH KOREA.

MP334
REDUCED RENAL TISSUE OXYGENATION WITH AGING IN MEN, BUT NOT IN WOMEN
Bastien Milani1, Christelle Lardi2, Antoine Schneider3, Matthias Stuber4, Michel Burnier1, Menno Pruijm5, 1Univ Hosp Lausanne (CHUV), Nephrology and Hypertension, Lausanne, SWITZERLAND, 2Univ Geneva, Univ Center Legal Medicine (CURML), Geneva, SWITZERLAND, 3Univ Hosp Lausanne (CHUV), Intensive Care, Lausanne, SWITZERLAND, 4Univ Hosp Lausanne (CHUV), Radiology, Center Biomedical Imaging, Lausanne, SWITZERLAND, 5Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, SWITZERLAND.

MP335
COMPARATIVE CALCIFICATION RATE OF RAT ARTERIES IN CALCIFICATION MEDIUM EX-VIVO: EFFECT OF LESION AND SECTION
Nathalie Gaynard1, Bernard Jover2, Laura Jeanson3, Anne-Dominique Lajoix3, Flore Duranton1, Alain Ficheux1, Angel Argilés1, 1RD-Néphrologie EA7288, BC2M, Montpellier, FRANCE, 2INSERM, U1046, Montpellier, FRANCE, 3BC2M, EA7288, Univ Montpellier, Montpellier, FRANCE.
MP336
SUSCEPTIBILITY OF RENAL FIBROSIS IN EARLY DIABETES
Shuqin Mei1,2, Jing Liu2, Man Livingston2, Qingqing Wei2, Changlin Mei1, Zheng Dong2, 1Kidney Inst, Shanghai Changzheng Hosp, Second Military Medical Univ, Shanghai, Dept Nephrology, Shanghai, CHINA, 2Medical College Georgia, Augusta Univ and Charlie Norwood VA Medical Center, Dept Cellular Biology and Anatomy, Augusta, GA.

MP337
ASSOCIATION BETWEEN E/e' RATIO AND VOLUME OVERLOAD IN PATIENTS WITH PREDIALYSIS CKD
Byoung-Geun Han, Jae-Won Yang, Jinsae Yoo, Jae-Seok Kim, Yonsei Univ Wonju College Medicine, Nephrology, Wonju, Kangwon, SOUTH KOREA.

MP338
METABOLICALLY ABNORMAL OBESITY SUBTYPE IS ASSOCIATED WITH AN INCREASED RISK OF ADVERSE OUTCOME IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Cheol Ho Park, HyounghNae Kim, Seung Hyeok Han, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, SOUTH KOREA.

MP339
ANTIPHOSPHOLIPASE A2 RECEPTOR ANTIBODY TITER IS ASSOCIATED WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY DISEASE ACTIVITY REGARDIESS OF PATHOLOGICAL GRADING
Juan Jin, Zhejiang Provincial People’s Hosp, Dept Nephrology, Hangzhou, Zhejiang, CHINA.

MP340
LONG-TERM RENOPROTECTIVE EFFECTS OF Tolvaptan in Patients with Acute Heart Failure
Tatsufumi Oka1, Takayuki Hamano2, Tomohito Ohtani3, Yusuke Sakaguchi2, Isao Matsui1, Osamu Yamaguchi3, Yasushi Sakata3, Yoshitaka Isaka1, 1Osaka Univ Graduate School Medicine, Nephrology, Suita, JAPAN, 2Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Suita, JAPAN, 3Osaka Univ Graduate School Medicine, Cardiovascular Medicine, Suita, JAPAN.

MP341
PATTERNS OF PROGRESSION OF CHRONIC KIDNEY DISEASE AT LATER STAGES
Fernando Caravaca-Fontán, Lilia Azevedo, Enrique Luna, Francisco Caravaca, Hosp Infanta Cristina, Nephrology, Badajoz, SPAIN.

MP342
95TH PERCENTILE OF TROPONIN T FOR GIVEN SERUM CREATININE, AGE AND SEX AS A POTENTIAL CLINICAL TOOL FOR EVALUATION OF MYOCARDIAL INJURY IN PATIENTS WITH KIDNEY DISFUNCTION
Krzysztof Wroblewski1, Lukasz Kepczynski2, Irmina Korzeniewska-Dyl1, Michal Banarski1, Dariusz Moczulski1, 1Medical Univ Lodz, Dept Internal Medicine and Nephrodiabetology, Lodz, POLAND, 2Medical Univ Lodz, Molecular Biology Unit, Dept Internal Medicine and Nephrodiabetology, Lodz, POLAND.

MP343
DIETARY REDUCTION OF PHOSPHATE IMPROVES MUSCULAR FUNCTION IN AGED MICE
Patricia Sosa-Callejas1, Patricia Plaza1, Elena Alcalde-Estévez1,2, Manuel Rodríguez-Puyol1,3,4, Diego Rodríguez-Puyol1,3,4, Gemma Olmos1,3,4, Mª Piedad Ruiz-Torres1,3,4, Susana López-Ongil1,3,4, 1Univ Álcala, Dept Biología Sistemas, Alcalá de Henares, SPAIN, 2Hosp Univ Príncipe de Asturias, Fundación Investigación Biomédica, Alcalá de Henares, SPAIN, 3Inst Carlos III, REDinREN, Madrid, SPAIN, 4Inst Reina Sofia Investigación Renal, Irsm, Madrid, SPAIN.

MP344
ASSOCIATION OF THE TRANSFORMING GROWTH FACTOR-B (TGFB) GENE C(-460)T POLYMORPHISM WITH URINARY EXCRETION OF KIDNEY INJURE BIOMARKERS IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS
Elena Kamysheva1, Mikhail Shvetsov2,3, Artem Votyakov4, Antai Zheng5, Irina Kutyrina2, Valery Nosikov6, Irina Bobkova1, 1LM. Sechenov First Moscow State Medical Univ, Dept Nephrology, Moscow, RUSSIAN FEDERATION, 2LM. Sechenov First Moscow State Medical Univ, Chair Nephrology and Hemodialysis Inst Professional Education, Moscow, RUSSIAN FEDERATION, 3M.V. Lomonosov Moscow State Univ, Fac Fundamental Medicine, Moscow, RUSSIAN FEDERATION, 4V.I. Shumakov Federal Research Center Transplantology and Artificial Organs, Lab Immunological Monitoring, Moscow, RUSSIAN FEDERATION, 5Shanghai Jiao Tong Univ, Dept Nephrology, Shanghai, CHINA, 6Emmanuel Inst Biochemical Physics Russian Academy Sciences, Lab Post-Genomic Molecular Genetic Research, Moscow, RUSSIAN FEDERATION.

MP345
PREDICTING MORTALITY BEFORE RENAL REPLACEMENT THERAPY IN CHRONIC KIDNEY DISEASE PATIENTS
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MP346
NONINVASIVE EVALUATION OF KIDNEY FIBROSIS, MICROCIRCULATION DISORDER AND TUBULAR INJURY USING FUNCTIONAL MAGNETIC RESONANCE IMAGING
Jiong Zhang1, Yanjun Li2, Shumin Tao2, Feng Xu1, Minghao Zhang1, Longjiang Zhang2, Zhi-Hong Liu1, 1National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA, 2Medical Imaging, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP347
PROTON PUMP INHIBITORS USE AND THE RISK OF CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW AND META ANALYSIS
Salman Hussain1, Ambrish Singh2, Anwar Habi3, Abul Kalam Najmi4, 1Jamia Hamdard, Hamdard Univ, Dept Pharmaceutical Medicine, New Delhi, INDIA, 2Independent Researcher, New Delhi, INDIA, 3Hamdard Inst Medical Sciences and Research, Dept Medicine, New Delhi, INDIA, 4Jamia Hamdard, Hamdard Univ, Dept Pharmacology, New Delhi, INDIA.

MP348
SALT TASTE THRESHOLDS AND SALT PREFERENCE IN PATIENTS WITH CHRONIC KIDNEY DISEASE ACCORDING TO THE STAGE: A CROSS-SECTIONAL STUDY
Jae Wan Jeon, Soon Bae Kim, Asan Medical Center, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA.

MP349
METABOLOCIC ANALYSIS OF PATIENTS WITH CKD 3-5 SATAGE IN DIFFERENT CATEGORIES OF TRADITIONAL CHINESE MEDICINE
Longwei Lun1, Yuqun Zeng2, Xusheng Liu2, 1Guangdong Provincial Hosp Traditional Chinese Medicine, Nephrology, GuangZhou, CHINA, 2Second Clinical College, Guangzhou Univ Chinese Medicine, Nephrology, Guang Zhou, CHINA.

MP350
ASSOCIATION OF THE VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) GENE С(-460)Т POLYMORPHISM WITH URINARY VEGF-A EXCRETION IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS
Mikhail Shvetsov1,2, Elena Kamyshova3, Artem Votyakov4, Antai Zheng5, Irina Kutyrina1, Valery Nosikov6, Irina Bobkova3,
1I.M. Sechenov First Moscow State Medical Univ, Chair Nephrology and hemodialysis Inst Professional Education, Moscow, RUSSIAN FEDERATION,
2M.V. Lomonosov Moscow State Univ, Fac Fundamental Medicine, Moscow, RUSSIAN FEDERATION,
3I.M. Sechenov First Moscow State Medical Univ, Dept Nephrology, Moscow, RUSSIAN FEDERATION,
4V.I. Shumakov Federal Research Center Transplantology and Artificial Organs, Lab Immunological Monitoring, Moscow, RUSSIAN FEDERATION, 5Shanghai Jiao Tong Univ, Dept Nephropathy, Shanghai, CHINA, 6emanuel Inst Biochemical Physics Russian Academy Sciences, Lab Post-Genomic Molecular Genetic Research, Moscow, RUSSIAN FEDERATION.

MP351
URINARY EXOSOMES AND THE LOADING OF CCL2 MRNA AS BIOMARKER OF IGA NEPHROPATHY PATIENTS
Ye Feng, Linli Lv, Weijun Wu, Leting Zhou, Bi-Cheng Liu, Inst Nephrology, Southeast Univ, Nanjing, CHINA.

MP352
PREDICTORS OF LONG TERM RENAL OUTCOME IN PREGNANT WOMEN WITH CHRONIC KIDNEY DISEASE ATTENDING A COMBINED REGIONAL RENAL OBSTETRIC SERVICE
Monisha Chakravorty1, Nadia Sarween2, Jemma Proudfoot-Jones1, Rachel Clements1, Ellen Knox3, Clara Day2, Graham Lipkin2, 1Univ Birmingham, Coll Medical and Dental Sciences, Birmingham, UK, 2Univ Hosp Birmingham NHS Foundation Trust, Renal Medicine, Birmingham, UK, 3Birmingham Women’s Hosp NHS Foundation Trust, Maternal Medicine, Birmingham, UK.

MP353
CHRONIC KIDNEY DISEASE AND ACCELERATED DECREASE OF GFR IN HEPATOCELLULAR CARCINOMA PATIENTS
Florica Gadalean1, Izabela Iancu1, Ioan Sporea2, Flaviu Bob1, Adelina Mihaescu1, Oana Schiller3, Silvia Velcov1, Gheorghe Bozdog1, Mircea Ciocan1, Adalbert Schiller1, 1Univ Medicine and Pharmacy, Nephrology, Timisoara, ROMANIA, 2Univ Medicine and Pharmacy, Gastroenterology, Timisoara, ROMANIA, 3Avitum Dialysis Center, Dialysis, Timisoara, ROMANIA.
MP354
SYMMETRIC DIMETHYLARGININE, HIGH-DENSITY LIPOPROTEINS AND CARDIOVASCULAR DISEASE
Stephen Zewinger1, Marcus E. Kleber2, Lucia Rohrer3, Alexander Dressel2, Hubert Scharnagl4, Andreas Ritsch5, Barbara Thorand6, Margit Heier6, Christa Meisinger6, Toniac de las Heras Galaa7, Wolfgang Koenig7, Edzard Schwedhelm8, Rainer H. Böger8, Ulrich Lau9, Arnold von Eckardstein10, Ulf Landmesser10, Thomas F. Lüscher11, Daniilo Fliser1, Winfried März12, Andreas Meinitzer, Thimoteus Speer1, 1Saarland Univ Medical Centre, Dept Internal Medicine IV, Homburg, GERMANY, 2Univ Heidelberg, Mannheim Medical Fac, Medical Clinic V, Mannheim, GERMANY, 3Univ Hosp Zurich, Inst Clinical Chemistry, Zurich, SWITZERLAND, 4Medical Univ Graz, Clinical Inst Medical and Chemical Lab Diagnostics, Graz, AUSTRIA, 5Medical Univ Innsbruck, Dept Internal Medicine, Innsbruck, AUSTRIA, 6Helmholtz Zentrum München, German Research Center Environmental Health, Inst Epidemiology II, Munich, GERMANY, 7Univ Ulm Medical Center, Dept Internal Medicine II, Ulm, GERMANY, 8Univ Medical Center Hamburg-Eppendorf, Inst Experimental and Clinical Pharmacology and Toxicology, Hamburg, GERMANY, 9Saarland Univ Medical Centre, Dept Internal Medicine III, Homburg, GERMANY, 10Charité Univ Hosp, Dept Cardiology, Berlin, GERMANY, 11Univ Zurich, Univ Heart Center Zurich, Zurich, SWITZERLAND, 12Synlab Holding Deutschland GmbH, Synlab Academy, Mannheim, GERMANY.

MP355
INDOXYL SULFATE REDUCES MYOBLAST VIABILITY BY INDUCING CELL APOPTOSIS: A POTENTIAL ROLE ON UREMIC SARCOPENIA
Gabriela C.G. Rodrigues1, Rodrigo B. Barbosa1, Vinicius O. Cardsoss1, Kristianne P.S. Fernandes2, Raquel A. Mesquita-Ferrari3, Cassia G. Santos4, Maria A. Dalboni1, Humberto Delle1, Fellype C. Barreto4, 1Univ Nove de Julho, Postgraduate Program Medicine, São Paulo, BRAZIL, 2Univ Nove de Julho, Postgraduate Program Biophotonics Applied Health Sciences, São Paulo, BRAZIL, 3Univ Nove de Julho, Postgraduate Program Rehabilitation Sciences, São Paulo, BRAZIL, 4Univ Federal Paranaí, Internal Medicine, Curitiba, BRAZIL.

MP356
INITIAL SERUM PHOSPHATE AND IPTH LEVELS MAY PREDICT THE PROGNOSIS OF PRIMARY IGA NEPHROPATHY
Wei Huang, Weiming Wang, Zhaohui Wang, Jing Xu, Ya Li, Pingyan Shen, Hong Ren, Nan Chen, Shanghai Ruijin Hosp, Nephrology, Shanghai, CHINA.

MP357
LONG-TERM EXPOSURE TO AIR POLLUTANTS AND MORTALITY IN PATIENTS WITH RENAL REPLACEMENT THERAPY: A SYSTEMATIC REVIEW
Xindong Qin1,2, Jueyao Liang3, La Zhang1,2, Yifan W1,2, Xusheng Liu1,2, 1Second Clinical College Guangzhou Univ Chinese Medicine, Nephrology, Guangzhou, CHINA, 2Guangdong Provincial Hosp Chinese Medicine, Nephrology, Guangzhou, CHINA, 3Guangzhou Univ Chinese Medicine, Second Clinical Medical School, Guangzhou, CHINA.

MP358
FEATURES OF INTRARENAL BLOOD FLOW(IBF) IN PATIENTS WITH PREECLAMPSIA(PE), HELLP-SYNDROME AND PREGNANCY-ASSOCIATED ATYPICAL HEMOLYTIC UREMIC SYNDROME (P-AHUS)
Tatiana Kirsanova, Maria Vinogradova, Federal State Budget Institution Research Center Obstetrics, Gynecology and Perinatology Ministry Healthcare of Russian Federation, Reproductive Hematology, Moscow, RUSSIAN FEDERATION.

MP359
THE VALUE OF COLLAGEN IV AS EARLY PREDICTOR OF CHRONIC KIDNEY DISEASE PROGRESSION
Nuša Avguštin, Jernej Pajek, Damjan Kovač, Jelka Lindič, Univ Medical Centre Ljubljana, Dept Nephrology, Ljubljana, SLOVENIA.

MP360
DELAYED PROGRESSION OF RENAL FIBROSIS IN C57BL6/J MICE IS ASSOCIATED WITH ROBUST MMP ACTIVITY
Miklos M. Mozes, Amelia Foss, Krisztina Fazekas, Gabor Kokeny, Semmelweis Univ, Inst Pathophysiology, Budapest, HUNGARY.

MP361
REDUCTION OF ALBUMINURIA AFTER TREATMENT WITH AMINAPHTONE. A REPORT OF 40 CASES
Francesco Godino, Arcangelo Di Maggio, Taranto Hosp, Nephrology, Taranto, ITALY.

MP362
RENAI FUNCTION AND BLOOD PRESSURE AFTER PUUMALA VIRUS INFECTION
Irina Artamonova1, Guzel Mukhethdinova2, 1Clinical Hosp Nr21, Therapy, Ufa, RUSSIAN FEDERATION, 2Bashkir State Medical Univ, Therapy Fac, Ufa, RUSSIAN FEDERATION.
MP363
ATORVASTATIN AMELIORATES TUBULOINTERSTITIAL FIBROSIS IN PROGRESSIVE CHRONIC KIDNEY DISEASE
Hyeong Cheon Park1, Mirae Lee1, Hyunwook Kim1, Taeyeon Kim1, Hoon Young Choi1, Jung Eun Lee2, Hyung Jong Kim3, 1Yonsei Univ College Medicine Gangnam Severance Hosp, Internal Medicine, Seoul, SOUTH KOREA, 2Yonsei Univ College Medicine Yongin Severance Hosp, Internal Medicine, Yongin, SOUTH KOREA, 3Bundang Cha Medical Center, Cha Univ, Internal Medicine, Seongnam-si, SOUTH KOREA.

MP364
A STUDY ON RELATIONSHIP BETWEEN OSTEOPONTIN AND CARDIOVASCULAR RISK FACTORS AND CAROTID INTIMA-MEDIA THICKNESS IN CHRONIC KIDNEY DISEASE
Chaitanya Vemuri1, Ram R1, Suchitra MM2, Harini Devi N2, Vijaya Lakshmi B3, Siva Kumar V1, 1Sri Venkateswara Inst Medical Sciences, Nephrology, Tirupati, INDIA, 2Sri Venkateswara Inst Medical Sciences, Biochemistry, Tirupati, INDIA, 3Sri Venkateswara Inst Medical Sciences, Radiology, Tirupati, INDIA.

MP365
THE EFFECT OF FEBUXOSTAT ON THE PRESERVATION OF GLOMERULAR FILTRATION RATE IN NON-DIABETIC PATIENTS WITH CKD
Sang Heon Song, Harin Rhee, Jongman Park, Il Young Kim, Eun Young Seong, Dong Won Lee, Soo Bong Lee, Ihm Soo Kwak, Pusan National Univ, Internal Medicine, Busan, SOUTH KOREA.

MP366
DIETARY ACID LOAD AND SERUM BICARBONATE IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 3 AND 4
Larissa Angelo, Gabriela Arces, Heric Holland, Elen Romao, Paula Chiarello, Univ Sao Paulo, Clinical Medicine, Ribeirao Preto, BRAZIL.

MP367
THE EFFECTS OF PAZOPANIB VERSUS SUNITINIB ON RENAL OUTCOME IN METASTATIC RENAL CELL CARCINOMA
Eun Jeong Lee, Samsung Medical Center, Nephrology, Seoul, SOUTH KOREA.

MP368
MULTIPARAMETRIC MAGNETIC RESONANCE IMAGING ASSESSMENT OF CHRONIC KIDNEY DISEASE
Huda Mahmoud1, Charlotte Buchanan2, Eleanor F. Cox2, Benjamin Prestwich2, Francis Sue2, Nick Selby1, Maarten Taal1, 1Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Univ Nottingham, Sir Peter Mansfield Imaging Centre, Nottingham, UK.

MP369
D-PINITOL ALLEVIATES CYCLOSPORINE-INDUCED RENAL FIBROSIS VIA THE ACTIVATION OF SIRT1 AND NRF2 ANTIOXIDANT PATHWAYS
Minyoung Kim, Sungjin Chung, Seok Joon Shin, Yoon Sik Chang, Eun Sil Koh, College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA.
Posters

CKD - CLINICAL EPIDEMIOLOGY II

MP370
INCIDENCE AND RISK FACTORS FOR HYPERKALEMIA IN ADULTS IN THE UK
Laura Horne1, Akhtar Ashfaq1, Sharon MacLachlan2, Marvin Sinsakul1, Robin Mukherjee3, Lei Qin4, Bob LoCasale1, 1AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 2Evidera, Real World Evidence, London, UK, 3AstraZeneca, Bioanalytics and Informatics, Gothenburg, SWEDEN, 4AstraZeneca, Health Economics, Gaithersburg, MD.

MP371
PREVALENCE OF HYPERKALEMIA IN DOPPS: A REAL-WORLD, INTERNATIONAL COHORT OF HEMODIALYSIS PATIENTS
Hairong Xu1, Akhtar Ashfaq1, Angelo Karaboyas2, Francesca Tentori2,3, Michel Jadoul4, Francesco Locatelli5, Kazuhiro Tsuruyu6, Bruce M. Robinson2,7,1AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 2AstraZeneca, Bioanalytics and Informatics, Gothenburg, SWEDEN, 3Vanderbilt Univ Medical Center, Dept Nephrology, Nashville, TN, 4Clinicals Univ Saint-Luc, Univ Catholique Louvain, Dept Nephrology, Brussels, BELGIUM, 5Alessandro Manzoni Hosp, Dept Nephrology, Lecco, ITALY, 6Kyushu Univ, Dept Integrated Therapy Chronic Kidney Disease, Fukuoka, JAPAN, 7Univ Michigan, Dept Nephrology, Ann Arbor, MI.

MP372
THE RELATIONSHIP BETWEEN ABDOMINAL AORTIC CALCIFICATION SCORE AND GLOMERULAR FILTRATION RATE IN PATIENTS WITH CHRONIC KIDNEY DISEASE 3-5
Yunan Zhou1, Matthias Hellberg1, Peter Hoglund2, Naomi Clyn1, Lund Univ, Dept Clinical Sciences Lund, Nephrology, Lund, SWEDEN, 2Lund Univ, Dept Lab Medicine, Lund, SWEDEN.

MP373
THE RELATIONSHIP BETWEEN SERUM POTASSIUM CONCENTRATION AND DISCONTINUATION OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS IN UK PATIENTS WITH CKD
Lei Qin1, Phil McEwan2, Marc Evans3, Klas Bergenheim4, Laura Horne5, Susan Grandy1, 1AstraZeneca, Health Economics and Outcomes Research, Gaithersburg, MD, 2Swansea Univ, Swansea Centre Health Economics, Singleton Park, UK, 3Univ Hosp Llandough, Dept Medicine, Cardiff, UK, 4AstraZeneca, Health Economics and Outcomes Research, Gothenburg, SWEDEN, 5AstraZeneca, Global Medical Affairs, Gaithersburg, MD.

MP374
ALCOHOL CONSUMPTION AND INCIDENCE OF PROTEINURIA: A RETROSPECTIVE COHORT STUDY
Yoshiki Kimura1, Ryohie Yamamoto2, Yoshihiko Isakai1, Kunitoshi Iseki3, Kunihito Yamagata3, Kazuhiro Tsuruya3, Hideaki Yoshida3, Shouichi Fujimoto3, Koichi Ashi3, Toshihiko MoriYama3, TSUOsaka Univ Graduate School Medicine, Nephrology, Suita, JAPAN, 2Osaka Univ Health Care Center, Internal Medicine, Yoyonaka, JAPAN, 3Steering Committee for the Research on the Positioning of Chronic Kidney Disease in Specific Health Check and Guidance in Japan, Nephrology, Fukushima, JAPAN.

MP375
DYSLIPIDEMIA AND RISK OF RENAL REPLACEMENT THERAPY OR DEATH IN PRE-DIALYSIS PATIENTS: PREPARE-2 STUDY
Pauline W.M. Voskamp1, Merel van Diepen1, Friedo W. Dekker1, Ellen K. Hoogeveen2, Leids Univ Medical Center, Clinical Epidemiology, Leiden, NETHERLANDS, 2Jeroen Bosch Hosp, Nephrology, Den Bosch, NETHERLANDS.

MP376
Socio-economic deprivation and mortality in RRT in scotland
Mark Findlay1, Peter Gallacher2, Arthur Doyle3, Jonathan Fox1, Izhar Khan4, Jackie McDonald5, Wendy Metcalfe2, Robert Peel6, Sue Robertson7, Vinod Sanu8, Ilona Shilliday9, Elaine Spalding10, Jamie P. Traynor1, Bruce MacKinnon1, On behalf of the Scottish Renal Registry, 1Queen Elizabeth Univ Hosp, Renal Medicine, Glasgow, UK, 2Royal Infirmary Edinburgh, Renal Medicine, Edinburgh, UK, 3Victoria Infirmary Kirkcaldy, Renal Medicine, Fife, UK, 4Aberdeen Royal Infirmary, Renal Medicine, Aberdeen, UK, 5Scottish Renal Registry, SRR, Glasgow, UK, 6Raigmore Hosp, Renal Medicine, Inverness, UK, 7Dumfries and Galloway Royal Infirmary, Renal Medicine, Dumfries, UK, 8Ninewells Hosp, Renal Medicine, Dundee, UK, 9Monklands Hosp, Renal Medicine, Airdrie, UK, 10Univ Hosp Crosshouse, Renal Medicine, Kilnamock, UK.

MP377
IMPAIRED SKELETAL MUSCLE OXYGEN SATURATION RESPONSE IS ASSOCIATED WITH SELF-REPORTED FATIGUE IN CKD; A POSSIBLE PHYSIOLOGICAL MECHANISM OF FATIGUE?
Alice E.M. White1, Tom F.O’Sullivan1, Douglas W. Gould1, Emma L. Watson1, Alice C. Smith1,2, Thomas J. Wilkinson1, 1Univ Leicester, Leicester Kidney Exercise Team, Leicester, UK, 2Univ Hosp Leicester Trust, John Walls Renal Unit, Leicester, UK.
MONDAY, JUNE 5

Final Programme

Posters

MP378
ASSOCIATION OF NOVEL BIOMARKERS WITH LONG-TERM OUTCOMES IN ATHEROSCLEROTIC RENOVASCULAR DISEASE
Diana Vassallo, Helen Alderson, James Ritchie, Darren Green, Constantina Chrysochou, Philip Kalra, Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK.

MP379
CHRONIC KIDNEY DISEASE AS A RISK FACTOR FOR ANTIMICROBIAL MULTIDRUG RESISTANCE OF UROPATHOGENIC BACTERIA
Florica Gadalean1, Florina Parv2, Vlad Morariu2, Anca Popa3, Romulus Timaru4, Ligia Petrica1, Oana Schiller5, Silvia Velciov1, Cristina Ghiurea1, Adelina Mihaescu1, Flaviu Bob1, Gheorghe Bozdog1, Bogdan Timaru6, Adalbert Schiller1,
1Univ Medicine and Pharmacy Timisoara, Nephrology and Hypertension, Timisoara, ROMANIA, 2Univ Medicine and Pharmacy Timisoara, Clinical Physiology, Timisoara, ROMANIA, 3Univ Medicine and Pharmacy Timisoara, Genetics, Timisoara, ROMANIA, 4Univ Medicine and Pharmacy Timisoara, Diabetes and Metabolic Disease, Timisoara, ROMANIA, 5B Braun Avitum, Dialysis, Timisoara, ROMANIA, 6Univ Medicine and Pharmacy Timisoara, Biostatistics, Timisoara, ROMANIA.

MP380
CLINICAL OUTCOMES ASSOCIATED WITH HYPERKALEMIA IN ADULTS IN THE UK
Laura Horne1, Akhtar Ashfaq1, Sharon MacLachlan2, Marvin Sinsakul1, Robin Mukherjee3, Lei Qin4, Bob LoCasale1,
1AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 2AstraZeneca, Real World Evidence, London, UK, 3AstraZeneca, Bioanalytics and Informatics, Gothenburg, SWEDEN, 4AstraZeneca, Health Economics, Gaithersburg, MD.

MP381
A PREDICTIVE MODEL FOR DEVELOPMENT OF PERIPHERAL ARTERY DISEASE AMONG PATIENTS WITH CHRONIC KIDNEY DISEASE
Jing Chen1, L L. Hamm1, Jiang He2, 1Tulane School Medicine, Medicine, New Orleans, LA, 2Tulane School Public Health and Tropical Medicine, Medicine, New Orleans, LA.

MP382
DISEASE KNOWLEDGE AND INFORMATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE, CKDREIN CHORT
Carole Ayav1, Karine Legrand1, Bénédicte Stengel1, Luc Frimat1, Serge Briançon1,
1CHRU Nancy, CIC 1433 Épidémiologie clinique, Inserm, Vandoeuvre les Nancy, FRANCE, 2Inserm, Équipe 5, Épidémiologie rénale et cardiovasculaire, Inserm U1018, Villejuif, FRANCE, 3CHRU Nancy, Nephrology Dept, Vandoeuvre les Nancy, FRANCE.

MP383
EFFECTS OF INTENSIVE BLOOD PRESSURE LOWERING ON KIDNEY DISEASE PROGRESSION IN PATIENTS WITH CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS
Hon-Yen Wu1,2,3, Wan-Chuan Tsai1,2, Yu-Sen Pengl3, Kuo-Yu Hung3, Kuo-Liong Chien1,2,3, 1Far Eastern Memorial Hosp, Internal Medicine, New Taipei City, TAIWAN, 2National Taiwan Univ College Public Health, Inst Epidemiology and Preventive Medicine, Taipei City, TAIWAN, 3National Taiwan Univ Hosp and College Medicine, Internal Medicine, Taipei City, TAIWAN.

MP384
WHICH CKD STAGE 3 PATIENTS SHOULD BE REFERRED TO A NEPHROLOGIST? RESULTS OF A RETROSPECTIVE, PATIENT-LEVEL, COHORT ANALYSIS
Luis Falcão, Sara Fernandes, Mário Raimundo, Ana Costa, Catarina Teixeira, Sónia Silva, Edgar de Almeida, Hosp Beatriz Angelo, Nephrology, Loures, PORTUGAL.

MP385
RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITOR PRESCRIPTION PATTERNS IN HEMODIALYSIS PATIENTS: RESULTS FROM THE INTERNATIONAL DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY (DOPPS)
Hairong Xu1, Akhtar Asfhaq1, Angela Karaboyas2, Francesca Tentori2,3, Michel Jadoul4, Francesco Locatelli5, Hiroasu Yamamoto6, Bruce M. Robinson2,7, 1AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 2AstaZeneca, Global Medical Affairs, Gaithersburg, MD, 3AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 4AstraZeneca, Clinical Physiology, Timisoara, ROMANIA, 5Université de Genève, Center for Renal and Vascular Diseases, Genève, SWITZERLAND, 6Atsugi City Hosp, Dept Nephrology, Atsugi, JAPAN, 7AstraZeneca, Global Medical Affairs, Gaithersburg, MD.

MP386
KIDNEY FUNCTION AND THE RISK OF COMMUNITY ACQUIRED INFECTIONS
Hong Xu1, Alessandro Gasparini1, Junichi Ishigami2, Khaled Mzayen3, Guobin Su3, Peter Barany1, Johan Årnlov4, Bengt Lindholm1, Carl Gustaf Elinder1, Kunihiro Matsuishi2, Juan Jesús Carrero1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, SWEDEN, 2Johns Hopkins Bloomberg School Public Health, Department of Epidemiology, Baltimore, MD, 3Karolinska Inst, Dept Public Health Sciences, Stockholm, SWEDEN, 4Uppsala Univ, Dept Medical Sciences, Uppsala, SWEDEN.
MONDAY, JUNE 5
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Posters

MP387 CARDIAC LIMITATION OCCURS EARLY IN CKD, AND CANNOT BE FULLY EXPLAINED BY ISCHAEMIA OR REDUCED LV COMPLIANCE AS MEASURED BY DIASTOLIC FUNCTION DURING EXERCISE
Manvir K. Hayer1, Shanat Baig2, Anna Price1, Boyang Liu2, Charles J. Ferro1, Jonathan N. Townend1, Nicola C. Edwards1, Richard P. Steeds1, 1Queen Elizabeth Hosp Birmingham, Birmingham Cardiorenal Group, Birmingham, UK, 2Queen Elizabeth Hosp Birmingham, Dept Cardiology, Birmingham, UK.

MP388 RESOLUTION AND RECURRENTNESS OF HYPERKALEMIA IN ADULTS IN THE UK
Laura Horne1, Akhtar Ashfaq1, Sharon MacLachlan2, Marvin Sinsakul1, Robin Mukherjee3, Lei Qiu4, Bob LoCasale1, 1AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 2Evidera, Real World Evidence, London, UK, 3AstraZeneca, Bioanalytics and Informatics, Gothenburg, SWEDEN, 4AstraZeneca, Health Economics, Gaithersburg, MD.

MP389 HIGH PREVALENCE OF HYPERKALEMIA IN PATIENTS WITH CKD 4
Jose Luis Gorriz, Jonay Pantorja, Cristina Castro-Alonso, Veronica Escudero Quesada, Pablo Molina-Vila, Mercedes Gonzalez-Moya, Irina Sanchez-Munoz, Sandra Beltran-Catala, Luis M Pallardo, Hosp Univ Dr Peset, Nephrology, Valencia, SPAIN.

MP390 ASSOCIATION OF DIPSTICK PROTEINURIA WITH ALL CAUSE MORTALITY IN GENERAL POPULATION: RESULTS FROM THE SPECIFIC HEALTH CHECK AND GUIDANCE PROGRAM IN JAPAN
Kunitoshi Iseki1,2, Tsuneo Konta2, Koichi Asahii, Kunihiro Yamagata2, Shouichi Fujimoto2, Kazuhiro Tsuruya2, Ichie Narita2, Masato Kasahara2, Yugo Shibagaki2, Toshiki Moriyama2, Masahide Kondo2, Chiho Iseki3, Tsuyoshi Watanabe2, 1Tomishiro Central Hosp, Clinical Research Support Center, Tomigusuku, JAPAN, 2Steering Committee, Design of the Comprehensive Health Care System for Chronic Kidney Disease (CKD), Fukushima, JAPAN, 3Okinawa Heart and Renal Association, Director, Naha, JAPAN.

MP391 RISK FACTORS ASSOCIATED WITH RAPID DECLINE OF RENAL FUNCTION IN PATIENTS WITH ADVANCE CHRONIC KIDNEY DISEASE
Hanri Aghafhi1, Salmir Nasiri1, Henrik Hadimeri1, 1Skaraborg Hosp, Nephrology, Skövde, SWEDEN, 2Skaraborg, Hosp, Research Center (FoU), SKÖVDE, SWEDEN.

MP392 CARDIOPULMONARY EXERCISE TESTING DETECTS SUBCLINICAL CARDIAC LIMITATION TO EXERCISE IN EARLY STAGE CKD
Manvir K. Hayer1, Anna Price1, Shanat Baig2, Boyang Liu2, Charles J. Ferro1, Nicola C. Edwards1, Jonathan N. Townend1, Richard P. Steeds1, 1Queen Elizabeth Hosp Birmingham, Birmingham Cardiorenal Group, Birmingham, UK, 2Queen Elizabeth Hosp Birmingham, Dept Cardiology, Birmingham, UK.

MP393 LONG-TERM SAFETY AND EFFECTIVENESS OF ECULIZUMAB FOR PATIENTS WITH ATYPICAL HAEMOLYTIC UREMIC SYNDROME: OUTCOMES FROM A PROSPECTIVE OBSERVATIONAL CLINICAL TRIAL
Jan Menne1, Laurence Greenbaum2, Christoph Licht3, Chris Mix4, John Kincaid4, Jimmy Wang4, Anne-Laure Lapeyraque5, Francois Provot6, Fadi Fakhouri7, Lars Pape8, 1Hannover Medical School, Dept Nephrology and Hypertension, Hannover, GERMANY, 2Emory Univ School Medicine and Children’s Healthcare Atlanta, Pediatric Nephrology, Atlanta, GA, 3Hospick Children, Div Nephrology, Toronto, ON, CANADA, 4Alexion Pharmaceuticals, Inc, New Haven, CT, 5CHU Sainte-Justine, Pediatric Dept, Montreal, QC, CANADA, 6CHU Lille, Dept Nephrology, Lille, FRANCE, 7CHU Nantes, Dept Nephrology and Immunology, Nantes, FRANCE, 8Hannover Medical School, Pediatric Nephrology, Hannover, GERMANY.

MP394 THE IMPACT OF HYPMAGNESEMIA ON ERECTILE DYSFUCNTION IN ELDERLY, NON-DIABETIC MILD TO MODERATE CHRONIC KIDNEY DISEASE PATIENTS: A PROSPECTIVE CROSS SECTIONAL STUDY
Ömer Toprak1, Yasin Sarı2, Akif Koç3, Erhan Sarı3, Ali Kırık2, 1Balikesir Univ School Medicine, Nephrology, Balikesir, TURKEY, 2Balikesir Univ School Medicine, Internal Medicine, Balikesir, TURKEY, 3Balikesir Univ School Medicine, Urology, Balikesir, TURKEY.

MP395 THE ASSOCIATION BETWEEN SERUM URIC ACID AND MORTALITY IN THE CKD POPULATION: A LONGITU- DINIAL SURVEY OF A NATIONWIDE COHORT IN JAPAN
Keita Kanem1, Soichiro Kon1, Kazunobu Ichikawa1, Tsuneo Konta1, Isao Kubota1, Shouichi Fujimoto2, Kunihiro Iseki1, Toshiki Moriyama2, Kunihiro Yamagata2, Kazuhiro Tsuruya2, Ichie Narita2, Masahide Kondo2, Masato Kasahara2, Yugo Shibagaki2, Koichi Asahii2, Tsuyoshi Watanabe2, 1Yamagata Univ School Medicine, Dept Cardiology, Pulmonology, and Nephrology, Yamagata, JAPAN, 2Fukushima Medical Univ, The study group of Watanabe-Han (MHLW) and Reach-J project (AMED), Fukushima, JAPAN.
MP396
RISK FACTORS FOR PROGRESSION OF CORONARY ARTERY CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Jiang He1, Joshua D. Bundy1, Jing Chen2, 1Tulane Univ, Dept Epidemiology, New Orleans, LA, 2Tulane Univ, Dept Medicine, New Orleans, LA.

MP397
HYPERKALEMIA INCIDENCE AND PATTERNS OF CARE IN PATIENTS TREATED WITH RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS - A RETROSPECTIVE CLAIMS DATA ANALYSIS TO ASSESS HEALTHCARE OUTCOMES IN GERMANY
Jennifer S. Haas1, Peter G. Braunhofer2, Lorraine B. Zakin3, Thomas Hardt4, Dominic Meisel1, Christopher Maas1, Sebastian Braun1, 1Xcenda GmbH, Real World Evidence, Hannover, GERMANY, 2Vifor Pharma Ltd., Global Pricing & Market Access, Glattbrugg, SWITZERLAND, 3Vifor Pharma Ltd., Medical Affairs, Glattbrugg, SWITZERLAND, 4Vifor Pharma Deutschland GmbH, Market Access & Business Development, Munich, GERMANY.

MP398
STEROID INDUCED DIABETIC MELLITUS AND RELATED RISK FACTORS IN PATIENTS WITH PRIMARY NEPHROTIC SYNDROME
Aiqin Sheng1, Yuanmao Tu1, Jinzhuo Guo1, Hong Du2, Zhihong Liu1, Shijun Li1, 1National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA, 2Dept Endocrinology, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.

MP399
LOW SUBENDOCARDIAL VIABILITY RATIO IS ASSOCIATED WITH MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Robert Ekart1,2, Sebastjan Bevc3,2, Nina Hojs1,2, Nejc Piko1, Radovan Hojs3,2, 1Univ Medical Centre Maribor, Dept Dialysis, Maribor, SLOVENIA, 2Univ Maribor, Medical Fac, Maribor, SLOVENIA, 3Univ Medical Centre Maribor, Dept Nephrology, Maribor, SLOVENIA.

MP400
ANTIHYPERTENSIVE TREATMENT AND RISK OF CARDIO-VASCULAR MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Kei Nagaai1,2, Chie Saito1,2, Koichi Asahi3,2, Kunitoshi Iseki3,2, Toshiaki Moriyama3,2, Kazuhiko Tsuruya3,2, Shouichi Fujimoto3,2, Ichii Nairi3,2, Tsuneo Konta3,2, Masahide Kondo3,2, Masato Kasahara3,2, Yugo Shibagaki3,2, Kunihiro Yamagata3,2, Tsuyoshi Watanabe3,2, 1Univ Tsukuba, Dept Nephrology, Tsukuba, JAPAN, 2Reach-J project from Japan Agency for Medical Research and development, AMED, The Committee, Tsukuba, JAPAN, 3Design of the Comprehensive Health Care System for CKD Based on the Individual Risk Assessment by Specific Health Checkups, The Steering Committee, Fukushima, JAPAN.

MP401
EXTRACELLULAR FLUID EXCESS IS SIGNIFICANTLY ASSOCIATED WITH CORONARY ARTERY CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Cheol Ho Park1, Chang-Yun Yoon2, Tae-Hyun Yoo2, 1Yonsei Univ College Medicine, Internal Medicine, Seoul, SOUTH KOREA, 2Yonsei Univ College Medicine, Nephrology, Seoul, SOUTH KOREA.

MP402
TRENDS ON RIGHT VENTRICULAR FUNCTION ACROSS STAGES OF CKD IN A COHORT WITH MINIMAL CONVENTIONAL RISK FACTORS OF CARDIOVASCULAR DISEASE
Manvir K. Hayer1, Anna Price1, Shanat Baig2, Boyang Liu2, Charles J. Ferro1, Nicola C. Edwards1, Jonathan N. Townsend1, Richard P. Steeds1, 1Queen Elizabeth Hosp Birmingham, Birmingham Cardiorenal Group, Birmingham, UK, 2Queen Elizabeth Hosp Birmingham, Dept Cardiology, Birmingham, UK.

MP403
PREVALENCE OF HYPERURICAEMIA WITHIN THE IRISH HEALTH SYSTEM AND RELATIONSHIPS WITH CHRONIC KIDNEY DISEASE
Arunkumar A. Udayakumar1,2, David Ryan1, Xia Li2, Fahd Adeb3,2, Alexander Fraser3,2,4, Austin G. Stack1,2,4, 1Univ Hosp Limerick, Nephrology, Limerick, IRELAND, 2Univ Limerick, Graduate Entry Medical School, Limerick, IRELAND, 3Univ Hosp Limerick, Rheumatology, Limerick, IRELAND, 4Univ Limerick, Health Research Inst, Limerick, IRELAND.

MP404
ASSOCIATION BETWEEN EXTENT OF MYOCARDIAL FIBROSIS ASSESSED BY NATIVE T1 MAPPING CARDIAC MAGNETIC RESONANCE AND BIOMARKERS AND THE LEVEL OF ESTIMATED GLOMERULAR FILTRATION RATE
Minea Dobre1, Kevin Kaliss2, Prabhakar Rajah3, Minoo Alipour1, Robert Gilkeson2, Thomas Hostetter1, 1Case Western Reserve Univ, Nephrology and Hypertension, Cleveland, OH, 2Case Western Reserve Univ, Radiology, Cleveland, OH, 3UT Southern, Radiology, Dallas, TX.
MP405
CHANGES IN THE PATTERN OF PRIMARY GLOMERULONEPHRITIS ONE SINGLE CENTER IN CHINA: 3,774 BIOPSIED CASES, NINE-YEAR RETROSPECTIVE STUDY
Jing Fang, Wenge Li, Zhao Tan, Min Tan, China-Japan Friendship Hosp, Nephrology, Beijing, CHINA.

MP406
ANEMIA AS A RISK FACTOR FOR ALL-CAUSE MORTALITY; OBSCURE SYNERGIC EFFECT OF CHRONIC KIDNEY DISEASE

MP407
THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY STATUS AND SERUM IRISIN AND MYOSTATIN LEVELS IN PATIENTS WITH NON-DIALYSIS CHRONIC KIDNEY DISEASE

MP408
LONG TERM OUTCOME OF CKD PATIENTS CARED BY NEPHROLOGIST - TIME TO EVENT RESEARCH
Fumiku Taki, Naoto Matsumoto, Taisuke Ishii, Takamasa Miyaiuchii, Miyuki Futatsuyama, Masa-hiko Nagahama, Yasuhiro Komatsu, St. Lukes’ International Hosp, Nephrology, Tokyo, JAPAN.

MP409
VARIATION IN RENIN ANGIOTENSIN ALDOSTERONE SYSTEM INHIBITOR (RAASi) PRESCRIPTION INTERNATIONALLY AND ACROSS CKD STAGES
Francesca Tentori1,2, Charlotte Tai1, Lindsay Zepe1, Brian Bieber1, Michelle M. Wong1, Friedrich K. Porti, Christian Combe3,4, Benedicte Stengel5, Danilo Fisier6, Ricardo Sesso7, Ichiei Narita8, Bruce M. Robinson1, on behalf of CKDopps and CKD REIN investigators, 1 Arbore Research Collaborative for Health, DOPPS Program, Ann Arbor, MI, 2Vanderbilt Univ, Center Kidney Disease, Nashville, TN, 3CHU Bordeaux, Dept Nephrology Transplantation Dialysis, Bordeaux, FRANCE, 4Univ Bordeaux, Inserm U1026, Bordeaux, France, 5Univ Paris-Sud, CESP, Inserm U1018, Villejuif, FRANCE, 6Saarland Univ Medical Center, Dept Internal Medicine IV – Nephrology and Hypertension, Homburg, GERMANY, 7Federal Univ São Paulo (UNIFESP), Nephrology, Sao Paulo, BRAZIL, 8Niigata Univ, Div Clinical Nephrology and Rheumatology, Niigata, JAPAN.

MP410
THE ADDITIVE INTERACTION BETWEEN ADIPOSE TISSUE LIPID METABOLISM AND BLOOD PRESSURE ON IMPAIRED KIDNEY FUNCTION IN GENERAL POPULATION
Joon-Sung Park, Chang Hwa Lee, Jong Wook Choi, Hanyang Univ College Medicine, Internal Medicine, Seoul, SOUTH KOREA.

MP411
EFFECT OF SERUM OSTEOGLYCIN ON MAJOR ADVERSE CARDIOVASCULAR EVENTS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Seon Ha Baek, Sejong Kim, Ho Jun Chin, Ki Young Na, Dong-Wan Chae, Seoul National Univ Bundang Hosp, Internal Medicine, Seongnam, SOUTH KOREA.
Posters

**MONDAY, JUNE 5**

**Final Programme**

**CKD - ANAEMIA**

**MP412**
**NOVEL TRANSGENIC MICE, ERYTHROPOIETIN-CREERT2 MICE, LABEL UNIQUE SUBPOPULATIONS OF RENAL FIBROBLASTS**
Keiichi Kaneko, Msako Asada, Motoko Yanagita, Kyoto-Univ Graduate School Medicine, Dept Nephrology, Kyoto-shi, JAPAN.

**MP413**
**DEVELOPMENT OF AN ALGORITHM TO REFINE INTRAVENOUS IRON ADMINISTRATION: PERFORMANCE AND CLINICAL IMPLICATIONS**
Marie Chowrimootoo1, James Hodson2, Richard Borrow3, 1QEHB, Renal Anaemia, Birmingham, UK, 2QEHB, Biostatistics, Birmingham, UK, 3QEHB, Nephrology, Birmingham, UK.

**MP414**
**DYSREGULATED ERYTHROID DIFFERENTIATION AND IRON METABOLISM IN ANEMIA OF CHRONIC KIDNEY DISEASE (CKD)**
Tomoko Kimura, Kiyoko Yamamoto, Yuki Morikami, Takanori Nagai, Masayoshi Nanami, Yasuyuki Nagasawa, Yukiko Hasuike, Takahiro Kuragano, Takeshi Nakanishi, Hyogo College Medicine, Div Kidney and Dialysis, Dept Internal Medicine, Nishinomiya, JAPAN.

**MP415**
**EFFECT OF INTRAVENOUS IRON THERAPY WITH FERRIC CARBOXYMALTOSE ON OUTCOMES IN IRON-DEFICIENT PATIENTS WITH RENAL DYSFUNCTION AND HEART FAILURE WITH REDUCED EJECTION FRACTION: AN INDIVIDUAL PATIENT DATA META-ANALYSIS OF FOUR RANDOMIZED, DOUBLE-BLIND TRIALS**
Piotr Ponikowski1, Iain C. Macdougall2, Michael Böhm3,Josep Comin Colet4, Gerasimos Filippatos5, Bernard Roubert6, Dirk J. van Veldhuisen7, Stefan D. Anker8, 1Medical Univ, Military Hosp, Dept Heart Disease, Wroclaw, POLAND, 2King’s College Hosp, Dept Renal Medicine, London, UK, 3Univ Saarland, Dept Internal Medicine and Cardiology, Homburg/Saar, GERMANY, 4Univ Hosp Bellvitge, Cardiology Dept, Barcelona, SPAIN, 5Athens Univ Hosp Attikon, Heart Failure Unit, Athens, GREECE, 6Vifor Pharma, Dept Biometry, Glattbrugg, SWITZERLAND, 7Univ Medical Centre, Dept Cardiology, Groningen, NETHERLANDS, 8Univ Medical Center Göttingen, Dept Cardiology & Pneumology, Göttingen, GERMANY.

**MP416**
**EFFICACY OF ORAL IRON FOR TREATING IRON DEFICIENCY IN ANAEMIC PATIENTS WITH NON-DIALYSIS DEPENDENT CKD (ND-CKD)**
IC Macdougall1, AH Bock2, F Carrera3, K-U Eckardt4, C Gaillard5, D Van Wyck6, Y Meier7, S Larroque7, A Perrin7, SD Roger8, 1King’s College Hosp, Dept Renal Medicine, London, UK, 2Kantonsspital Aarau, Dept Nephrology, Aarau, SWITZERLAND, 3DaVita, Eurodial, Leiria, PORTUGAL, 4Univ Erlangen-Nürnberg, Dept Nephrology and Hypertension, Erlangen, GERMANY, 5Univ Medical Centre Groningen, Dept Nephrology, Groningen, NETHERLANDS, 6DaVita, Healthcare Partners Inc, Denver, CO, 7Vifor Fresenius Medical Care Renal Pharma, Medical Dept, Glattbrugg, SWITZERLAND, 8Renal, Research, Gosford, AUSTRALIA.

**MP417**
**IMPACT OF INTRAVENOUS FERRIC CARBOXYMALTOSE IRON THERAPY ON SYMPTOMS AND FUNCTIONALITY IN IRON-DEFICIENT PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION AND RENAL DYSFUNCTION: AN INDIVIDUAL PATIENT DATA META-ANALYSIS OF 4 RANDOMIZED, DOUBLE-BLIND TRIALS**
Piotr Ponikowski1, Iain C. Macdougall2, Michael Böhm3, Josep Comin Colet4, Gerasimos Filippatos5, Bernard Roubert6, Dirk J. van Veldhuisen7, Stefan D. Anker8, 1Medical Univ, Military Hosp, Dept Heart Disease, Wroclaw, POLAND, 2King’s College Hosp, Dept Renal Medicine, London, UK, 3Univ Saarland, Dept Internal Medicine & Cardiology, Homburg/Saar, GERMANY, 4Univ Hosp Bellvitge, Cardiology Dept, Barcelona, SPAIN, 5Athens Univ Hosp Attikon, Heart Failure Unit, Athens, GREECE, 6Vifor Pharma, Dept Biometry, Glattbrugg, SWITZERLAND, 7Univ Medical Centre Groningen, Dept Cardiology, Groningen, NETHERLANDS, 8Univ Medical Center Göttingen, Dept Cardiology & Pneumology, Göttingen, GERMANY.

**MP418**
**VADADUSTAT DOES NOT PROLONG CORRECTED QT INTERVAL IN A THOROUGH QTC STUDY IN HEALTHY SUBJECTS**
Peter A. McCullough1, Matthew R. Weir2, Emil M. deGoma3, Qing Zuraw4, Amit Sharma5, Wenli Luo4, John P. Middleton6, 1Baylor Univ Medical Center, Dept Internal Medicine, Dallas, TX, 2Univ Maryland, Dept Medicine, Baltimore, MD, 3Akebia Therapeutics, Inc., Medical Research, Cambridge, MA, 4Akebia Therapeutics, Inc., Clinical Development, Cambridge, MA, 5Akebia Therapeutics, Inc., Medical Affairs, Cambridge, MA, 6Duke Univ, Dept Medicine, Durham, NC.
MP419
DIFFERENTIAL ASSOCIATION OF SERUM LEVELS OF HEPcidIN AND IRON INDEXES WITH ANEMIA ACCORDING TO THE SEVERITY OF ANEMIA AND KIDNEY FUNCTION IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS ASSOCIATION OF SERUM LEVELS OF HEPcidIN-25 AND IRON INDEXES WITH ANEMIA
Sung Woo Lee, Su Ah Sung, Eulji Hosp, INTERNAL MEDICINE, Seoul, SOUTH KOREA.

MP420
LOW LEVELS OF SERUM FERRITIN AND MODERATE TRANSFERRIN SATURATION LEAD TO ADEQUATE HEMOGLOBIN LEVELS IN HEMODIALYSIS PATIENTS
Chie Ogawa1,2, Ken Tsuchiya3,2, Naohisa Tomosugi4,2, Fumiyoshi Kanda1,2, Kunimi Maeda1,2, 1Maeda Inst Renal Research, Internal Medicine, Kawasaki, JAPAN, 2Biomarker Society, Inc, Kawasaki, JAPAN, 3Tokyo Women’s Medical Univ, Kidney Center, Tokyo, JAPAN, 4Kanazawa Medical Univ, Div Systems Bioscience Drug Discovery Project Research Center, Kahoku, JAPAN.

MP421
THE ROLE OF IL-1 IN ANEMIA OF CHRONIC KIDNEY DISEASE
Inbar Bandach1, Yael Segev1, Ron N Apte1, Daniel Landau2,1, Ben Gurion Univ Negev, Shraga Segal Dept Microbiology and Immunology, Fac Health Sciences, Beer Sheva, ISRAEL, 2Schneider Children’s Medical Center, Dept Pediatrics B, Petach Tikva, ISRAEL.

MP422
PREVALENCE AND PROGNOSTIC SIGNIFICANCE OF CARDIORENAL ANEMIC SYNDROME IN PATIENTS WITH OF ACUTE CARDIOVASCULAR DISEASES
Kurmanov Maxim, Efremovtseva Marina, Avdoshina Svetlana, Kobalava Zhanna, Villevalde Svetlana, Peoples’ Friendship Univ Russia, Profaedetics Internal Diseases, Moscow, RUSSIAN FEDERATION.

MP423
ALTERED METABOLISM OF BLOOD MANGANESE IS ASSOCIATED WITH LOW LEVEL OF HEMOGLOBIN IN THE PATIENTS WITH CHRONIC KIDNEY DISEASE
Minyoung Kim, Sungjin Chung, Seok Joon Shin, Yoon Sik Chang, Eun Sil Koh, College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA.

MP424
CONSEQUENCES OF ACHIEVING KDIGO ANEMIA TARGETS BY DIFFERENT STRATEGIES; A EUROPEAN MULTICENTER ANALYSIS
Maciej Drozdzi1, Stefan H. Jacobson2,3, Werner Kleophas4, Mahesh Krishnan5, Abdulkareem Alsuwaida6, André Weigert7, Fatima Silva7, 1Davita, EMEA, Wroclaw, POLAND, 2Karolinska Inst, Nephrology, Stockholm, SWEDEN, 3Davita, EMEA, Amsterdam, NETHERLANDS, 4Davita, EMEA, Dusseldorf, GERMANY, 5Davita, US, Washington, DC, 6Davita, EMEA, Riyadh, SAUDI ARABIA, 7Davita, EMEA, Lisbon, PORTUGAL.

MP425
ERYTHROPOIESIS-STIMULATING AGENT FOR TREATMENT OF ANEMIA AMELIORATES DETERIORATION OF ERYTHROCYTE DEFORMABILITY ASSOCIATED WITH CHRONIC KIDNEY DISEASE
Ken Aizawa, Ryohhei Kawasaki, Yoshihito Tashiro, Yasushi Shimonaka, Michinori Hirata, Chugai Pharmaceutical Co., Ltd., Product Research Dept, Kamakura, JAPAN.

MP426
SERUM IRON LEVELS DECREASED BY EPOETIN BETA PEGOL DOES NOT AFFECT BLOOD FGF23 LEVELS IN CHRONIC GLOMERULONEPHRITIS RATS
Ryohhei Kawasaki, Yoshihito Tashiro, Michinori Hirata, Chugai Pharmaceutical Co., Ltd., Product Research Dept, Kamakura, JAPAN.
MP427
CORRECTION OF NUTRITIONAL STATUS IN CHILDREN WITH CHRONIC KIDNEY DISEASE IN PRE-DIALYSIS STAGE
Gulnar Chingayeva1, Assiya Kanathbayeva1, Venera Altynova2, Bibigul Abueuova3, Alai Shepetov4, Aigul Nugmanova4, Zauresh Amreyeva1, 1Kazakh National Medical Univ named after S. D. Asfendiyarov, Internal Diseases, Almaty, KAZAKHSTAN, 2National Scientific Center of Maternity and Child Health Care, Nephrology, Astana, KAZAKHSTAN, 3Karaganda State Medical Univ, Nephrology, Karaganda, KAZAKHSTAN, 4Kazakh National Medical Univ named after S. D. Asfendiyarov, Nephrology, Almaty, KAZAKHSTAN.

MP428
COMBINED TREATMENT WITH OMEGA-3 FATTY ACID AND CHOLECALCIFEROL INCREASES 1 25 DIHYDROXY VITAMIN D LEVEL BY INHIBITING 24 HYDROXYLASE OF KIDNEY AND LIVER IN 5/6 NEPHRECTOMY RAT MODEL
Won Suk An, Su Mi Lee, Young Ki Son, Seong Eun Kim, Dong-A Univ, Internal Medicine, Busan, SOUTH KOREA.

MP429
SUBJECTIVE GLOBAL ASSESSMENT OF NUTRITIONAL STATUS AS PREDICTOR OF MORTALITY IN CHRONIC KIDNEY DISEASE PATIENTS
Lu Dai1,2, Hideyuki Muka1, Bengt Lindholm1, Olof Heimbürger1, Peter Barany1, Peter Stenvinkel1, Abdul R. Qureshi1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Dept CLINTEC, Stockholm, SWEDEN, 2First Affiliated Teaching Hosp Tianjin Univ Traditional Chinese Medicine, Renal Dept, Tianjin, CHINA.

MP430
DIETARY PROTEIN INTAKE IS ASSOCIATED WITH NUCLEAR FACTOR-KB EXPRESSION IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
Denise Mafra1, Ana Paula Black2, Greicielle Santos da Silva3, Drielly Cristhiny Mendes de Vargas3, Juliana Saraiva dos Anjos4, 1Federal Fluminense Univ, Post Graduation Program Medical Sciences, Rio de Janeiro, BRAZIL, 2Federal Fluminense Univ, Post Graduation Program Medical Sciences, Niteroi, BRAZIL, 3Federal Fluminense Univ, Clinical Nutrition, Niteroi, BRAZIL, 4Federal Fluminense Univ, Post Graduation Program Cardiovascular Sciences, Niteroi, BRAZIL.

MP431
EFFECTS OF PROBIOTIC SUPPLEMENTATION ON UREMIC TOXINS LEVELS IN NON-DIALYSIS CKD PATIENTS
Denise Mafra1, Natalia Alvarenga Borges2, Lia S. Nakau3, Carla J. Dolenga3, Peter Bergman4, Peter Stenvinkel5, 1Federal Univ Fluminense, Clinical Nutrition, Rio de Janeiro, BRAZIL, 2Federal Fluminense Univ, Post Graduation Program Medical Sciences, Niteroi, BRAZIL, 3Federal Univ Paraná, Dept Patologia Básica, Curitiba, BRAZIL, 4Karolinska Univ, Dept Lab Medicine, Clinical Microbiology, Stockholm, SWEDEN, 5Karolinska Univ, Dept Renal Medicine, Stockholm, SWEDEN.

MP432
PLASMA CONCENTRATION OF RETINOL BINDING PROTEIN 4 (RBP4) IN RELATION TO NUTRITIONAL STATUS AND KIDNEY FUNCTION IN ELDERLY POPULATION OF POLSENIOR STUDY
Piotr Kocela1, Aleksander Owczarek2, Maria Bożentowicz-Wikarek1, Aniceta Brzozowska1, Malgorzata Mossakowska3, Tomasz Grodzicki4, Andrzej Więcek5, Jerzy Chudek1, Magdalena Olszanecka-Glinianowicz1, 1Medical Univ Silesia, Dept Pathophysiology, Katowice, POLAND, 2Medical Univ Silesia, Dept Instrumental Analysis, Katowice, POLAND, 3International Inst Molecular and Cell Biology, Warszawa, POLAND, 4Jagiellonian Univ Medical College, Dept Internal Medicine and Gerontology, Kraków, POLAND, 5Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND.

MP433
RELATIONSHIP OF OBSTRUCTIVE SLEEP APNEA WITH BODY ADIPOSITY AND INSULIN RESISTANCE IN NON-DIALYZED CHRONIC KIDNEY DISEASE PATIENTS

MP434
EFFECT OF INULIN SUPPLEMENTATION ON MINERAL METABOLISM AND SHORT-CHAIN FATTY ACID EXCRETION IN HEMODIALYSIS PATIENTS
Annabel Biruetel1, Brandon Kistler2, Jacob Allen3, Laura Bauer4, George Fahey4, Kelly Swanson4, Ken Wilund3, 1Univ Illinois, Nutritional Sciences, Urbana, IL, 2Ball State Univ, Nutrition and Health Sciences, Muncie, IN, 3Univ Illinois, Kinesiology and Community Health, Urbana, IL, 4Univ Illinois, Animal Sciences, Urbana, IL.
MP435
TWO TOXIC LIPID ALDEHYDES 2-HYDROXY-2-HEXENAL (4-HHE) AND 2-HYDROXY-2-NONENAL (4-HNE) AC-CUMULATE IN ADULT PATIENTS WITH CHRONIC KIDNEY DISEASE
Fitsum Guebre-Egziabher1,2,3, Pelletier Caroline3, Nans Florene3, Sandrine Lemoine4, Laurent Juillard3, Laurence Dubourg4, Christophe Soulage2, 1Univ Hosp Grenoble Alpes, Nephrology, Hemodialysis, Apheresis and Transplantation, La Tronche, FRANCE, 2CarMeN INSERM 1060, INS Lyon, Lyon, FRANCE, 3Univ Hosp Edouard Herriot, Nephrology, Lyon, FRANCE, 4Univ Hosp Edouard Herriot, Exploration Fonctionnelle Renale, Lyon, FRANCE.

MP436
ROLE OF BILE ACIDS IN NEPHROTIC SYNDROME ASSOCIATED DYSLIPIDEMIA
Fitsum Guebre-Egziabher1,2,3, Pascaline Alix3, Charlotte Brunelle3, Christophe Soulage2, 1Univ Hosp Grenoble Alpes, Nephrology, Hemodialysis, Apheresis and Transplantation, La Tronche, FRANCE, 2CarMeN INSERM 1060, INS Lyon, Lyon, FRANCE, 3Univ Hosp Edouard Herriot, Nephrology, Lyon, FRANCE.

MP437
FACTORS RELATED TO THE DECREASE IN SKELETAL MUSCLE MASS IN HEMODIALYSIS PATIENTS
Hiroshi Ogawa1, Toshimitsu Kogai1, Yoshihiro Ota1, Yuko Kojima1, Azumi Sato2, Keiko Hiraga3, Akihiro Kindaichi4, Atsushi Morizane4, Shinseikai Dai-ichi Hosp, Dept Internal Medicine, Nagoya, JAPAN, 2Bio-Dynamics Research Inst Shinseikai Foundation, Lab, Nagoya, JAPAN, 3Shinseikai Dai-ichi Hosp, Dept Clinical Nutrition, Nagoya, JAPAN, 4Shinseikai Dai-ichi Hosp, Dept Clinical Engineering, Nagoya, JAPAN.

MP438
CARDIOPROTECTIVE AND METABOLIC EFFECTS OF LOW PROTEIN DIET SUPPLEMENTED WITH KETOANA-LOGUES OF ESSENTIAL AMINO ACIDS IN RATS OF DIFFERENT GENETIC LINES
Marina Parastaeva1, Olga Beresneva1, Galina Ivanova2, Mokhamad Khasun1, Anatoly Kucher1, Ivan Kayukov1, Alexey Smirnov1, 1First St.-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, St.-Petersburg, RUSSIAN FEDERATION, 2Inst Physiology named after I.P. Pavlov, Lab Clinical and Experimental Cardiology, St.-Petersburg, RUSSIAN FEDERATION.

MP439
RELATIONSHIP OF DIETARY PHOSPHATE INTAKE WITH SUBCLINICAL VASCULAR DAMAGE IN STAGE 3-5 NON-DIALYSIS CHRONIC KIDNEY DISEASE
Almirall Jaume1, Betancourt Loreley1, Martinez-Ocaña Juan Carlos1, Ponz Esther1, Luengo Marina2, Berlanga Eugenio3, Fortuño Jose-Ramon4, 1Parc Tauli Sabadell, Hosp Univ, Nephrology, Sabadell, SPAIN, 2Parc Tauli Sabadell, Hosp Univ, Nutrition, Sabadell, SPAIN, 3Parc Tauli Sabadell, Hosp Univ, Radiology UDIAT, Sabadell, SPAIN.

MP440
OBSTRUCTIVE AND RESTRICTIVE LUNG FUNCTION ASSOCIATES WITH INCREASED MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Hideyuki Mukai1, Pei Ming2, Bengt Lindholm1, Olof Heimbürger1, Peter Barany1, Peter Stenvinkel1, Abdul R. Qureshi1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Dept CLINTEC, Stockholm, SWEDEN, 2First Teaching Hosp Tianjin Univ Traditional Chinese Medicine, Renal Dept, Tianjin, CHINA.

MP441
CARDIO-RENOPROTECTIVE EFFECTS, INCLUDING IMPACT ON FGF-23 AND SKLOTHO, OF PROTEIN RESTRICTION DIET SUPPLEMENTED BY ESSENTIAL AMINO ACIDS KETOANALOGS, IN CKD 3B-4 STAGES RUSSIAN PATIENTS
Ludmila Milovanova1, Victor Fomin2, Svetlana Milovanova3, Lidia Lysenko (Kozlovskaya)2, Nikolay Mukhin2, Marina Taranova2, Elena Kozhevnikov4, Yuirty Milovanov4, Marina Lebedeva2, Vasilii Kozlov3, Aigul Usubalieva2, Aleksey Malahov2, Mihail Brovkov2, N.M. Sechenov First Moscow State Medical Univ, Internal, Occupational Diseases and Pulmonology, Moscow1, RUSSIAN FEDERATION, 2RUSSIAN FEDERATION, 3Health and Helth Menegement, RUSSIAN FEDERATION, 4Nephrology and Hemodialysis, RUSSIAN FEDERATION.

MP442
THE EFFECTS OF D VITAMIN TREATMENT ON INSULIN RESISTANCE AND OTHER METABOLIC PARAMETERS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Murvet Yilmaz1, Aysegul Kudu1, Fatma Sibel Koçak Yucel1, Nadiye Sever1, Fatih Gokhan Akbay1, Arzu Ozdemir Kayalar1, Gunden Deger1, Sebnem Tekin2, Suheyla Apaydin1, 1Bakirkoy Dr Sadi Konuk Training and Research Hosp, Nephrology, Istanbul, TURKEY, 2Bakirkoy Dr Sadi Konuk Training and Research Hosp, Biochemistry, Istanbul, TURKEY.

MP443
FOOD CONSUMPTION IN INDIVIDUALS WITH CHRONIC KIDNEY DISEASE: NATIONAL HEALTH SURVEY, BRAZIL 2013
Fernanda Santin, Daniela Canella, Carla Avesani, Rio de Janeiro State Univ, Nutrition Inst, Rio de Janeiro, BRAZIL.
MP444
PROTECTIVE EFFECTS OF KETOANALOGUES OF AMINO ACIDS IN PATIENTS WITH CHRONIC KIDNEY DISEASE WITHOUT EDUCATION FOR LOW-PROTEIN DIETS
Tae Won Lee, Ha Nee Jang1, Yire Kim1, Eunjin Ba2, Hyun Seop Cho1,3, Dong Jun Park2,3, Se-Ho Chang1,3, Hyun-Jung Kim1,3, Kyungansang National Univ School Medicine and Kyungansang National Univ Hosp, Dept Internal Medicine, Jinju, SOUTH KOREA, 2Kyungansang National Univ School Medicine and Kyungansang National Univ Changwon Hosp, Dept Internal Medicine, Changwon, SOUTH KOREA, 3Kyungansang National Univ, Inst Health Sciences, Jinju, SOUTH KOREA.

MP445
EFFECTS OF LOW PROTEIN DIET ON THE BIOCHEMICAL AND ANTHROPOMETRIC PROFILES OF CHRONIC KIDNEY DISEASE PATIENTS
Denise Mafra1, Bruna C. Fontes2, Drielly Cristhiny Mendes de Vargas3, Greicielle Santos da Silva3, Ana Paula Black Veiga4, Juliana Saraiva dos Anjos2, 1Federal Univ Fluminense, Clinical Nutrition, Rio de Janeiro, BRAZIL, 2Federal Fluminense Univ, Post Graduation Program Cardiovascular Sciences, Niteroi, BRAZIL, 3Federal Fluminense Univ, Clinical Nutrition, Niteroi, BRAZIL, 4Federal Fluminense Univ, Post Graduation Program Medical Sciences, Niteroi, BRAZIL.

MP446
CD4 LYMPHOPENIA IS ASSOCIATED WITH AORTIC ARCH CALCIFICATION IN PATIENTS WITH END-STAGE RENAL DISEASE
Kenichiro Iio, Yutaka Ando, Osaka Minami Medical Center, Nephrology, Kawachinagano, JAPAN.

MP447
SUPPRESSION OF MUSCLE WASTING BY THE PLANT-DERIVED COMPOUND URSOLIC ACID IN A MODEL OF CHRONIC KIDNEY DISEASE
Jing Xu1, Rizhen Yu1, Zhaooyong Hu2, 1Shanghai Changhai Hosp, Renal Dept, Shanghai, CHINA, 2Baylor Medical College, renal, Houston, TX.

MP448
RISK FACTORS FOR PEPTIC ULCER IN THE PATIENTS WITH CHRONIC KIDNEY DISEASE
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MP449
EFFECT OF LOW PROTEIN DIET ON TRIMETHYLAMINE-N-OXIDE PLASMA LEVELS IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
Denise Mafra1, Ana Paula Black Veiga2, Juliana Saraiva dos Anjos3, Peter Stenvinkel4, Peter Bergman5, Cristiane Moraes3, 1Federal Univ Fluminense, Clinical Nutrition, Rio de Janeiro, BRAZIL, 2Federal Fluminense Univ, Post Graduation Program Medical Sciences, Niteroi, BRAZIL, 3Federal Fluminense Univ, Post Graduation Program Cardiovascular Sciences, Niteroi, BRAZIL, 4Karolinska Univ, Dept Renal Medicine, Stockholm, SWEDEN, 5Karolinska Univ, Dept Lab Medicine, Clinical Microbiology, Karolinska, SWEDEN.

MP450
EFFECTS OF NUTRICIONAL INTERVENTION WITH SYMBIOTICS IN A PATIENT UNDERGOING HEMODIALYSIS
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MP451
EFFECT OF COOKED FOOD WITH STIR-FRIED OLIVE OIL OR NOT ON ERYTHROCYTE MEMBRANE FATTY ACID CONTENTS IN HEMODIALYSIS PATIENTS
Da Ye Yoon, Su Mi Lee, Young Ki Son, Seong Eun Kim, Won Suk An, Dong-A Univ, Internal Medicine, Busan, SOUTH KOREA.

MP452
IMPORTANCE OF INCREASED NTproBNP VALUES IN PREDIALYSIS CKD PATIENTS BEYOND CARDIOVASCULAR SIGNIFICANCE
Ionel Alexandru Checherita1,2, Daniela Radulescu1,2, Andrei Niculae1,2, Cristiana David1,2, Ileana Peride2,3, Ileana Adela Vacaorui1,2, 1Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology and Dialysis, Bucharest, ROMANIA, 2St. John Emergency Clinical Hosp, Nephrology and Dialysis, Bucharest, ROMANIA, 3Carol Davila Univ Medicine and Pharmacy Bucharest, Nephrology, Bucharest, ROMANIA.

MP453
RELATIONSHIP BETWEEN SERUM ZINC CONCENTRATION AND PROTEINURIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Minyoung Kim, Sungjin Chung, Seok Joon Shin, Yoon Sik Chang, Eun Sil Koh, College Medicine, Catholic Univ Korea, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA.
MP454
ASSOCIATION OF DIET QUALITY AND INTERLEUKIN 6 GENE -572G/C POLYMORPHISM WITH INTERLEUKIN 6 LEVELS IN PATIENTS WITH TYPE 2 DIABETES AND CHRONIC KIDNEY DISEASE STAGES 1-3
Erika F. Gómez-García1,2,3, Laura Cortés-Sanabria1, Francisco Mendoza-Carrera2, Héctor R. Martínez-Ramírez1, José C. Vásquez-Jiménez4, Alfonso C. Cueto-Manzano1,1 Hosp Especialidades, CMNO, IMSS, Unit Medical Research Renal Diseases, Guadalajara, MEXICO, 2CIBO, IMSS, Div Molecular Medicine, Guadalajara, MEXICO, 3Univ Colima, School Medicine, Colima, MEXICO, 4Univ Colima, CUIB, Colima, MEXICO.

MP455
IS PHOSPHATE DYSREGULATION THE LINK BETWEEN ORAL AND KIDNEY DISEASES?
Peace Uwambaye, Anne Marie Uwitonze, Agnes Gatarayiha, Chrispinus H. Mumena, M. Shawkat Razzaque, Univ Rwanda College Dentistry, Preventive & Community Dentistry, Kigali, RWANDA.

MP456
ARYLHYDROCARBON RECEPTOR BINDING LIGAND LEVELS ARE ELEVATED IN THE PATIENTS WITH CHRONIC KIDNEY DISEASE
Soyoung Lee1, Jin Taek Kim2, Youngmi Kim Pak3, 1Eulji Medical Center, Nephrology, Seoul, SOUTH KOREA, 2Eulji Medical Center, Endocrinology, Seoul, SOUTH KOREA, 3Kyung Hee Univ, Physiology, Seoul, SOUTH KOREA.

MP457
ESTIMATION OF THE FAT MASS INDEX BY ELECTRICAL BIOIMPEDANCE TECHNIQUES IN RELATION TO BODY MASS INDEX IN PATIENTS ON HEMODIALYSIS
Mercedes Albaladejo Pérez, Susana Roca, Laura Bucalo, Diana Manzano, Marisol Ros, Maria Rosa Gea, Manuel Molina, HGU Santa Lucia, FMC Services, Nephrology, Cartagena, SPAIN.

MP458
ASSOCIATING FACTORS OF LEAN TISSUE INDEX MEASURED BY BODY COMPOSITION MONITOR IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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MP459
IN VITRO EFFECT OF SEVELAMER ON ENDOTHELIAL DYSFUNCTION IN RESPONSE TO ADVANCED GLYCA-TION END PRODUCTS (AGES)
Paulo C. Gregório1, Giane Favretto1, Regiane da Cunha1, Alessandra Becker-Finco1, Guilherme L. Sassaki2, Roberto Pecoits-Filho3, Wesley M. Souza4, Fellype C. Barreto5, Andréa Stinghen1, 1Univ Federal Paraná, Basic Pathology Dept, Curitiba, BRAZIL, 2Univ Federal Paraná, Biochemistry Dept, Curitiba, BRAZIL, 3Pontificia Univ Católica Paraná, Escola Medicina, Curitiba, BRAZIL, 4Univ Federal Paraná, Clinical Analysis Dept, Curitiba, BRAZIL, 5Univ Federal Paraná, Medical Dept, Curitiba, BRAZIL.

MP460
INTRADIALYSIS PARTIAL PARENTERAL NUTRITION(IDPN) IN HEMODIALYSIS PATIENTS(HDP)WITH PRO-TEIN CALORIC MALNUTRITION(PCM): PRELIMINARY RESULTS
Marcela Munizaga, Susana Asia, Hosp Nacional Clinicas, Servicio Nefrología, Córdoba, ARGENTINA.

MP461
UTILITY MALNUTRITION-INFLAMMATION SCORE IN CKD AND HD PATIENTS
Guillermina Barril, Angel Nogueira, Martin Giorgi, Almudena Nuñez, Flor Russo, Yamila Saharau, Antonio Santos, Jose Antonio Sanchez Tomero, Hosp U de la Princesa, Nephrology, Madrid, SPAIN.

MP462
IRON RESTRICTION PREVENTS RENAL TUBULOINTERSTITIAL INJURY INDUCED BY ALBUMIN OVERLOAD IN MICE
Yasumasa Ikeda, Yuya Horinouchi, Yuki Izawa-Ishizawa, Toshiaki Tamaki, Tokushima Univ Graduate School, Pharmacology, Tokushima, JAPAN.
MP463
EFFECTS OF 1-YEAR SELF-ADMINISTERED EXERCISE ON PHYSICAL PERFORMANCE IN CKD 3B-5 - THE REN-EXC TRIAL
Matthias Hellberg1, Philippa Svensson1, Peter Höglund2, Naomi Clyne1, 1Lund Univ, Fac Medicine, Dept Clinical Sciences, Lund, SWEDEN, 2Lund Univ, Fac Medicine, Dept Clinical Chemistry and Pharmacology, Lund, SWEDEN.

MP464
SELF-REPORTED PHYSICAL FUNCTION PREDICTS ALL-CAUSE MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Amy L. Clarke1,2, Thomas Yates3, Douglas W. Gould1,2, Katherine L. Hull1,2, Alice C. Smith1,2, James O. Burton1,2, 1Univ Leicester, Leicester Kidney Exercise Team, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Univ Hosp Leicester, John Walls Renal Unit, Leicester, UK, 3Univ Leicester, Diabetes Research Centre, College Medicine, Biological Sciences and Psychology, Leicester, UK.

MP465
INTRADIALYTIC EXERCISE: A NON-PHARMACOLOGICAL SOLUTION TO A URAEMIC PROBLEM?
Alysha Careless1, Daniel S. March1,2, Darren R. Churchward1,2, Charlotte E. Grantham1,2, Patrick Flitton3,2, Clare L. Tomlinson1, Matthew P. M. Graham-Brown3,2, Hannah M. L. Young1,2, James O. Burton1,2, 1Univ Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Univ Hosp Leicester, John Walls Renal Unit, Leicester, UK, 3Loughborough Univ, National Centre Sport and Exercise Medicine, Leicester, UK.

MP466
GERIATRIC PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE HAVE A HIGH PREVALENCE OF UNDIAGNOSED PSYCHIATRIC SYMPTOMS AND POORER QUALITY OF LIFE
Simone Vettorettil, Massimiliano Buolli, Dalila Guenzani, Lara Caldirola, Greta Silvia Carnevali, Marta Serati, Alfredo Carlo Altamura, Piergiorgio Messa, IIRCCS Ca’ Granda Osp Maggiore Policlinico, Unit Nephrology Dialysis and Renal Transplantation, Milan, ITALY, 2Univ Milan, Dept Psychiatry, Milan, ITALY, 3Fondazione IIRCCS Ca’ Granda Osp Maggiore Policlinico Milano, Dept Psychiatry, Milan, ITALY, 4Univ Milan, Unit Nephrology Dialysis and Renal Transplantation, ITALY.

MP467
ACUTE HEMODYNAMIC RESPONSES TO INTRADIALYTIC EXERCISE
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MP468
PULSE PRESSURE INCREASES AFTER 6-MIN WALK TEST WITH ADVANCEMENT OF CKD
Mariusz Kusztal1, Zanna Fiodorek-Dumas2, Przemyslaw Musz3, Tomasz Gołębiewski1, Ilias Dumas2, Magdalena Krajewska1, Marian Klinger1, 1Wroclaw Medical Univ, Nephrology and Transplantation Medicine, Wroclaw, POLAND, 2Wroclaw Medical Univ, Physiotherapy, Wroclaw, POLAND, 3-IT Specialist, Wroclaw, POLAND.

MP469
EFFECT OF AEROBIC PROGRAMME DURING HEMODIALYSIS SESSION ON DIALYSIS AND CARDIAC HEMODYNAMICS IN EGYPTIAN HEMODIALYSIS PATIENTS ON DIALYSIS AND CARDIAC HEMODYNAMICS IN EGYPTIAN HEMODIALYSIS PATIENTS
Eman S.E. Khalil1, Aza A. Abdelaziz2, Moatez A.M. Zaki3, Fatma A.H. Ali2, 1Medical Research Inst Alexandria Univ, Internal Medicine, Alexandria, EGYPT, 2Physical Education, Health Science, Alexandria, EGYPT, 3Medical Research Inst, Cardiology, Alexandria, EGYPT.

MP470
SARCOPENIA IN ELDERLY PATIENTS WITH END-STAGE RENAL DISEASE
Daniela Monova1, Simeon Monov2, Evgeniya Peneva3, 1Medical Univ Sofia, Medical Inst, Dept Internal Medicine, Sofia, BULGARIA, 2Medical Univ Sofia, Dept Rheumatology, Sofia, BULGARIA, 3Medical Institute, Dept Internal Medicine, Sofia, BULGARIA.

MP471
EXERCISE DURING HEMODIALYSIS. A PILOT STUDY IN A SINGLE CENTER, UNIDAD RENAL SANITAS. BOGOTA COLOMBIA
Yama Erica, Ospina Gustavo, Giovannetti Hernando, Cortes Katherin, Colsanitas, Unidad Renal, Bogota D.C., COLOMBIA.
MP472
EFFECTIVENESS OF AN INTRADIALYSIS COMBINED TRAINING PROGRAM ON THE FUNCTIONAL CAPACITY OF HEMODIALYSED PATIENTS
Paula Moscoso, Cathalina Arismendi, Rocio Bahamondes, Rosa Soto, Univ Austral Chile, Physiotherapy, Valdivia, CHILE.

MP473
PROTEIN DEGRADATION RATES ARE COMPARABLE IN CULTURED SKELETAL MUSCLE CELLS FROM HUMAN PATIENTS WITH CKD AND HEALTHY CONTROLS
Douglas W. Gould1, Alice C. Smith2, Emma L. Watson3, 1Univ Leicester, Infection, Immunity and Inflammation, Leicester, UK, 2Univ Hosp Leicester NHS Trust, Renal, Leicester, UK, 3Univ Leicester, III, Leicester, UK.

MP474
PHYSICAL ACTIVITY AMONG NEPHROLOGISTS, RESIDENTS AND NURSES
Mai Ots-Rosenberg1, Naomi Clyne2, Ülle Pechter1, 1Tartu Univ, Internal, Tartu, ESTONIA, 2Lund Univ, Nephrology, Lund, SWEDEN.

MP475
EFFECTS OF EXERCISE TRAINING COMBINED WITH CARNITINE ADMINISTRATION ON MUSCLE STRENGTH IN MAINTENANCE HEMODIALYSIS PATIENTS
Yumi Kamada, Sohbudai Neiren Clinic, Rehabilitation, Zama, JAPAN.
MP476
THERAPEUTIC EFFECT OF MACROPHAGE OVEREXpressING NGAL ON DIABETIC KIDNEY DISEASE
Roser Guiteras1, Anna Sola1, Maria Flauquer1, Georgina Hotter2, Joan Torras3, Josep Mª Grinyó3, Josep Mª Cruzado3,
IDIBELL, Nephrology, Barcelona, SPAIN, 2IIBB, Ischemia and Inflammation, Barcelona, SPAIN, 3Hosp Univ Bellvitge,
Nephrology, Barcelona, SPAIN.

MP477
SUPPRESSOR OF CYTOKINE SIGNALING-BASED THERAPIES TO COMBAT OXIDATIVE STRESS IN DIABETIC KIDNEY DISEASE
Susana Bernal, Laura Lopez-Sanz, Iolanda Lazaro, Carlota Recio, Ainhoa Oguiza, Carlos Couceiro, Jesus Egido, Carmen
Gomez-Guerrero, FIS-Fundacion Jimenez Diaz, UAM, CIBERDEM, Nephrology, Madrid, SPAIN.

MP478
STUDY ON THE FUNCTION OF C/EBPα IN DIABETIC NEPHROPATHY
Zhou Fangfang1, Zhang Liwen2, Liu Jian2, Ying Ji2, Zhong Fang2, Wang Weiming2, Chen Nan2, 1Inst Nephrology,
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Shanghai Jiaotong Univ, Dept Nephrology, Ruijin Hosp, Shanghai Jiao Tong Univ School Medicine, Shanghai, CHINA.

MP479
MitosCHONDIal Div Inhibitor 1 AMELIORATES DIABETIC KIDNEY DISEASE IN RATS
Xiaohong Tang, West China Hosp Sichuan Univ, Nephrology, Chengdu, CHINA.

MP480
HYPOXIA-AUGMENTED GLomerulOSCLEROSIS IN SPONTANEOUSLY DIABETIC DB/DB MICE
Naoki Takahashi1, Haruyoshi Yoshida2, Hideki Kimura3, Seiji Yoko1, Daisuke Mikami1, Kenji Kasumo1, Hironobu
Naiki4, Masanori Harag5, Masayuki Iwano1, 1Univ Fukui, Div Nephrology, Fukui, JAPAN, 2Sugita Genpaku Memorial
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Fukui, Div Molecular Pathology, Fukui, JAPAN, 5Yoshida Hosp, Dept Pediatrics, Tsubame, JAPAN.

MP481
LONG TERM REGULATION OF GLOMERULAR GENE EXPRESSION IN DIABETIC NEPHROPATHY
Dominik Chittka, Simone Wurm, Kathrin Eidenschink, Sebastian Beck, Franz-Josef Putz, Laura Lennartz, Bernhard Ba-
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MP482
IVABRADINE IN ANgoGENEsis OF DIABETIC MICE
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ternal Dept, Taoyuan City, TAIWAN, 2Taipei Veterans General Hosp, Div Cardiology, Internal Dept, Taipei, TAIWAN.

MP483
MITOPHAGY REGULATE MACROPHAGE PHENOTYPE IN DIABETIC NEPHROPATHY RATS
Yu Zhao1, Yinfeng Guo2, Yuteng Jiang3, Xiaoliang Zhang3, 1Inst Nephrology, Zhong Da Hosp, School Medicine, South-
east Univ, Nanjing, CHINA, 2School Medicine, Southeast Univ, Inst Nephrology, Nanjing, CHINA, 3Inst Nephrology,
Zhong Da Hosp, Inst Nephrology, Nanjing, CHINA.

MP484
CALCITRIOL ATTENUATES RENAL TUBULAR CELLS APOPTOSIS VIA INHIBITING P38MAPK SIGNALING IN STZ INDUCED DN RATS
Yinfeng Guo, Yu Zhao, Bicheng Liu, Xiaoliang Zhang, Inst Nephrology, Zhong Da Hosp, Southeast Univ School Medi-
cine, Nanjing, CHINA.

MP485
GASTRIC BYPASS SURGERY IMPROVES ALBUMINURIA AND PODOCYTE INJURY IN EXPERIMENTAL DIABET-
IC KIDNEY DISEASE
Meera Nair1, Aoiife L. Canney1, Jesse A. Elliott1, Naomi M. Fearon1, Anna Casselbrant2, Lars Fändriks2, Carel W. le
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Research & Education, Gothenburg, SWEDEN, 3Imperial College London, Investigative Science, London, UK.

MP486
MATRIX GLA PROTEIN T 138C POLYMORPHISM AND ITS INACTIVE DEPHOSPHORYLATED UNCARBOXYLAT-
ED FORM PREDICT MORTALITY IN PATIENTS WITH DIABETIC NEPHROPATHY
Stefanos Roumeliotis1, Athanasios Roumeliotis1, Stylianos Panagoutos1, Efstathia Giannakopoulou2, Nikolaos Papa-
nas3, Vangelis Manolopoulos, Anna Tavridou2, Ployumis Passadakis1, 1Medical School, Dept Nephrology, Democritus
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GREECE, 3Medical School, Second Dept Internal Medicine, Diabetes Clinic, Democritus Univ Thrace, Alexandroupoli,
GREECE.
MP487
THE ROLE OF NOVEL GENE SH3D21 IN DIABETIC NEPHROPATHY
Heiko Schenk1,2, Irini Schäfer1, Lucia Lemaire1, Patricia Schröder2, Lynne Stagg2, Janina Müllerei1,2, Beina Teng1, Hermann Haller1,2, Mario Schiffer1,2, 1Hannover Medical School, Dept Nephrology and Hypertension, Hannover, GERMANY, 2Mount Desert Island Biological Lab, Dept Nephrology and Hypertension, Salsbury Cove, ME.

MP488
INFILTRATING MACROPHAGES IN DIABETIC NEPHROPATHY PROMOTE PODOCYTES APOPTOSIS VIA TNF-α-ROS-p38MAPK PATHWAY
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MP489
RENOPROTECTIVE EFFECT OF SGLT2 INHIBITOR DAPA GLIFLOZIN IN TYPE-1 DIABETES
Dora B. Balogh1,2, Judit Hodrea1, Lilla Lenart1, Adam Hosszu1,3, Edgar Szkibinszkij1,3, Adam Vannay4,2, Laszlo Wagner3, Attila J. Szabo2, Andrea Fekete1,2, 1Hungarian Academy Sciences, MTA-SE Lendület Diabetes Research Group, Budapest, HUNGARY, 2Semmelweis Univ, First Dept Pediatrics, Budapest, HUNGARY, 3Semmelweis Univ, Dept Transplantation and Surgery, Budapest, HUNGARY, 4Hungarian Academy Sciences, MTA-SE Pediatrics and Nephrology Research Group, Budapest, HUNGARY.

MP490
FORMATION OF ANG(1−7) FROM ANGII(1−8) IS LARGELY INDEPENDENT OF ACE2 AND PRCP
Peter Daniel Serfozó, Jan Wysocki, Pan Liu, Minghao Ye, Tilman Müller, Jing Jin, Daniel Battle, Northwestern Univ, Nephrology, Chicago, IL.

MP491
RED BLOOD CELL DISTRIBUTION WIDTH IS AN INDEPENDENT PREDICTOR OF ALL CAUSE MORTALITY AND CARDIOVASCULAR MORBIDITY IN DIABETIC NEPHROPATHY
Stefanos Roumeliotis1, Aikaterini Stamou2, Stylianos Panagoutsou1, Athanasios Roumeliotis1, Theodora Gkioka2, Ploumis Passadakis1, 1Medical School, Dept Nephrology, Democritus Univ Thrace, Alex androupoli, GREECE, 2Medical School, Lab Hematology, Democritus Univ Thrace, Alex androupoli, GREECE.

MP492
ENOS/NO SIGNALING ATTENUATES GLOMERULAR INJURY IN DIABETIC MICE VIA SUPPRESSION OF INFLAMMASOME ACTIVATION
Yuji Sogawa, Hajime Nagasu, Atsushi Uchida, Seiji Itano, Minoru Satoh, Tamaki Sasaki, Naoki Kashihara, Kawasaki Medical School, Nephrology and Hypertension, Kurashiki, Okayama, JAPAN.

MP493
NOVEL XANTHINE OXIDASE INHIBITOR TEI-B AMELIORATES URINARY ALBUMIN EXCRETION IN NORMOURICEMIC DIABETIC KIDNEY DISEASE MODELS
Takashi Shirakura, Shunsuke Tsujimoto, Yoshiaki Tsubosaka, Reiko Aizawa, Chieko Matsui, Naoki Hase, Tsunefumi Kobayashi, TEIJIN Pharma Limited, Pharmaceutical Development Research Laboratories, TEIJIN Inst Bio-Medical Research, Tokyo, JAPAN.

MP494
10-WEEK, BUT NOT 7-WEEK, DAPA GLIFLOZIN TREATMENT IMPROVES SEVERE RENAL IMPAIRMENT IN UNINEPHRECTOMIZED SDT FATTY RAT, A 10-WEEK MODEL OF ADVANCED RENAL COMPLICATIONS AND GLOMERULAR FILTRATION RATE DECLINE
Francois Briand1, Masami Shinohara2, Emmanuel Brousseau1, Takeshi Ohta3, Yasushi Kageyama2, Thierry Sulpice, 1Physiogenex, Diabetes, Labeg, FRANCE, 2Clea Japan Inc, Meguro-Ku, Tokyo, JAPAN, 3Japan Tobacco Inc., Biomedical/Pharmacological Research Laboratories, Osaka, JAPAN.

MP495
RENOPROTECTIVE EFFECT OF L-CARNITINE IN STREPTOZOTOCIN-INDUCED DIABETIC NEPHROPATHY
Yong Jie Jin, Shang Guo Piao, Ji Zhe Jin, Can Li, YanBian Univ Hosp, Nephrology, YanJi, CHINA.

MP496
MICRORNA-326-3P AMELIORATES OXIDIZED LOW DENSITY LIPOPROTEIN IMMUNE COMPLEX-INDUCED FIBROTIC AND INFLAMMATORY INJURY IN RENAL MESANGIAL CELLS BY TARGETING IGG FCγ RECEPTOR III
Yiting Wang, Rui Zhang, Fang Liu, Div Nephrology, West China Hosp Sichuan Univ, Nephrology, Chengdu, CHINA.

MP497
THE NRF2 HEME OXYGENASE 1 SYSTEM MODULATES AUTOPHAGY AND INHIBITS HIGH GLUCOSE INDUCED APOPTOSIS IN RENAL TUBULAR EPITHELIAL CELLS
Kitae Bang, Kyeong Min Kim, Eulji Univ School Medicine, Internal Medicine, Daejeon, SOUTH KOREA.
MP498
ANGIOTENSIN CONVERTING ENZYME 2 DELETION INCREASES ACE EXPRESSION AND OXIDATIVE STRESS IN PANCREAS FROM NOD MICE
Vanesa Palau1, Marta Riera1, Heleia Roca-Ho1, David Benito2, Julio Pascual1, Maria José Soler1, 1Hosp del Mar Inst Hosp del Mar Investigacions Mèdiques, Nephrology, Barcelona, SPAIN, 2Hosp del Mar Inst Hosp del Mar Investigacions Mèdiques, Pathology, Barcelona, SPAIN.

MP499
EFFECT OF ANGIOTENSIN CONVERTING ENZYME 2 SILENCING ON PODOCYTE CYTOSKELETON
Marta Riera1, Marta Rebull1, Vanesa Palau1, Julio Pascual2, Maria Jose Soler2, 1Inst Hosp del Mar Investigacions Mèdiques, Nephrology, Barcelona, SPAIN, 2Parc de Salut Mar Inst Hosp del Mar Investigacions Mèdiques, Nephrology, Barcelona, SPAIN.

MP500
INFLUENCE OF GLUCOSE METABOLISM DYSREGULATION ON EX VIVO AORTIC CALCIFICATION IN RATS
Bernard Jover1, Anne-Dominique Lajoix2, Flore Duranton3, Alain Ficheux3, Angel Argiles3, Nathalie Gaylard3, 1INSERM, U1046, Montpellier, FRANCE, 2EA7288, BC2M, Montpellier, FRANCE, 3RD-Néphropathie EA7288, BC2M, Montpellier, FRANCE.

MP501
A SPATIAL DISTRIBUTION OF TWO ISOFORMS OF MATRIX METALLOPROTEINASE-2 IN DIABETIC KIDNEY ACCORDING TO THE TIME OF DIABETIC MIILEU
Sang Heon Song1, Harin Rhee1, Il Young Kim1, Eun Young Seong1, Dong Won Lee1, Soo Bong Lee1, Ihm Soo Kwak1, Min Young Lee1, Soo Young Bang1, David H Lovett2, 1Pusan National Univ, Internal Medicine, Busan, SOUTH KOREA, 2San Francisco Dept Veterans Affairs Medical Center/Univ California San Francisco, Internal Medicine, San Francisco, CA.

MP502
TARGETED FUNCTIONAL INVESTIGATIONS GUIDED BY INTEGRATIVE PROTEOME NETWORK ANALYSIS REVEALED SIGNIFICANT PERTURBATIONS OF RENAL TUBULAR CELL FUNCTIONS INDUCED BY HIGH-GLUCOSE: IMPLICATIONS TO DIABETIC NEPHROPATHY
Siripat Aluksanasuwan, Visith Thongboonkerd, Siriraj Hosp, Mahidol Univ, Medical Proteomics Unit, Office for R&D, Bangkok, THAILAND.

MP503
OXIDATIVE STRESS INCREASES MEGALIN EXPRESSION THROUGH PI3K/ AKT SIGNALING IN RENAL PROXIMAL TUBULAR CELLS
Yoshifumi Kurosaki1, Akemi Imoto1, Masanori Yokoba2, Tsuneo Takenaka3, Masato Katagiri2, Takafumi Ichikawa1, Naohito Ishii1, KitaSato Univ Graduate School Medical Sciences, Dept Molecular Medical Biology, Sagamihara, JAPAN, 2KitaSato Univ Graduate School Medical Sciences, Dept Clinical Medicine, Sagamihara, JAPAN, 3International Univ Health and Welfare, Dept Medicine, Tokyo, JAPAN.

MP504
THE INFLUENCE OF EMPAGLIFLOZIN ON MICRORNA-21 UrINARY EXPRESSION IN WISTAR RATS WITH LEFT CORONARY ARTERY LIGATION
Olga Beresneva1, Aleksandr Kulikov1, Marina Parastaeval, Sergey Okovity2, Dmitry Ivkin3, Mikhail Zaraiskii1, Andrey Karpov4, Olga Galkina1, Mokhamad Khasun1, Ivan Kayukov1, Anatoly Kucher1, 1First Saint-Petersburg State Medical Univ named after I.P. Pavlov, Inst Nephrology, Saint-Petersburg, RUSSIAN FEDERATION, 2st. Petersburg State Chemical-Pharmaceutical Academy, Dept Pharmacology and Clinical Pharmacology, Saint-Petersburg, RUSSIAN FEDERATION, 3Saint-Petersburg State Chemical-Pharmaceutical Academy, Center Experimental Pharmacology, Saint-Petersburg, RUSSIAN FEDERATION, 4Federal Medical Research Center named after V.A. Almazov, Research Dept, Saint-Petersburg, RUSSIAN FEDERATION.

MP505
APPLICATION OF SERUM CYSTATIN C FOR PREDICTION OF NEPHROPATHY AND CARDIOVASCULAR DISEASES IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
Nevi Pasko1, Ariana Strakosha1, Filipa Brito Mendes1, Ana Paula Silva1, 1Univ Hosp Center, Tirana, Nephrology, Tirana, ALBANIA, 2Univ Hosp Center, Endocrinology, Tirana, ALBANIA, 3Univ Hosp Center, Biochemistry, Tirana, ALBANIA.

MP506
A COUPLE OF DRUGS WITH A POTENTIAL RENOPROTECTIVE EFFECT
Filipa Brito Mendes1, Luisa Helena Pereira1, Ana Paula Silva1,2, Pedro Neves1,2, 1Algarve Hosp Centre, Nephrology, Faro, PORTUGAL, 2Algarve Univ, Biomedical Science, Faro, PORTUGAL.

MP507
SERUM ANGIOPOIETIN LIKE 2 AND PROGRESSION OF DIABETIC NEPHROPATHY
Makiko Konishi, Fumihiro Furuya, Tetsuharu Oku, Takeyuki Takamura, Kenichiro Kitamura, Univ Yamanashi, Third Dept Internal Medicine, Chuo, JAPAN.
DIALYSIS - TECHNIQUES & ADEQUACY II

MP508
PARICALCITOL AND Dipeptidyl PEPETIDASE 4 (DPP4) INHIBITORS THE EFFECT ON RESISTIN IN TYPE 2 DIABETIC AND RENAL DISEASE PATIENTS
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MP509
COMPARATIVE BIOMICROCOMPATIBILITY OF POLYSULFONE HEMODIALYSERS APPLIED IN DIFFERENT TREATMENT MODALITIES
Stephan Wagner1, Christiane Rode1, Ansgar Erlenkoetter2, Katharina Brand3, Ursula Kreuzberg4, Adelheid Gauly5, 1Georg-Haas-Dialysis Centre, Praxis Nieren- und Hochdruckerkrankung, Giessen, GERMANY, 2Fresenius Medical Care Deutschland GmbH, Global Research & Development, St. Wendel, GERMANY, 3Fresenius Medical Care Deutschland GmbH, Clinical & Epidemiological Research, Bad Homburg, GERMANY, 4Fresenius Medical Care Deutschland GmbH, Care Innovation, Bad Homburg, GERMANY, 5Fresenius Medical Care, Clinical & Epidemiological Research, Bad Homburg, GERMANY.

MP510
A NEW ASYMMETRIC CELLULOSE TRIACETATE MEMBRANE IS EFFICIENT AND SAFE IN ONLINE POST-DILUTION HEMODIAFILTRATION
Thibault Dolley-Hitzel1, Nicolas Dubois2, Corina Stanescu3, Isabelle Bahon-Riedinger4, Didier Hamel1, Marie-Laure Lombart1, Lisa Belaid1, 1AUB Santé, Unité dialyse, Saint-Malo, FRANCE, 2Lab réunis, Biorance, Saint-Malo, FRANCE, 3AUB Santé, Unité dialyse, Rennes, FRANCE, 4CHU Pontchaillou, Lab immunologie, thérapie cellulaire, Rennes, FRANCE.

MP511
A NEW APPROACH TO AN EX VIVO TWO-POOL KINETIC MODEL FOR UREMIC TOXINS IN OL-HDF
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MP512
ADSORBING CAPACITY OF CROSS LINKED POLYELECTROLYTE (CLP) IN EFFLUENT FLUID OF HEMODIALYSIS PATIENTS: AN EXPERIMENTAL STUDY
Hamid Tayebi Khosroshahi1, Behzad Abedi2, 1Tabriz Univ Medical Sciences, Internal Medicine, Tabriz, IRAN, 2Tabriz Univ Medical Sciences, Fac Advanced Medical Sciences, Tabriz Univ Medical Sciences, Tabriz, Tabriz, IRAN.

MP513
IMPACT OF RESIDUAL RENAL FUNCTION ON CLINICAL OUTCOME AND QUALITY OF LIFE IN PATIENTS ON PERITONEAL DIALYSIS
Kallel Hend1, Krid Madiha1, Jbeli Hela1, Khedher Rania1, Ben Marni Ikrane2, Smoum Wided1, Ben Fatma Lila1, Ben Hmida Fethi2, Raies Lamia1, Beji Soumaya1, Zouagli Mohammed Karim1, 1Rabta Hosp, Nephrology, Tunis, TUNISIA, 2Charles Nicolles Hosp, Lab renal disease LR00SP01, Tunis, TUNISIA.

MP514
IMPACT OF SOLUTE EXCHANGE BETWEEN ERYTHROCYTES AND PLASMA ON HEMODIALYZER CLEARANCE
Jacek Wanieki1, Jan Poleszczuk1, Nalecz Inst Biocybernetics and Biomedical Engineering, Dept Mathematical Modeling Physiological Systems, Warszawa, POLAND.

MP515
FLUID STATUS ASSESSMENT USING BIOELECTRICAL IMPEDANCE ANALYSIS IN ELDERLY HEMODIALYSIS PATIENTS
Alvita Gincaite1, Vaidas Vickal1, Diana Sukackiene2, Migle Gudynaitiene1, Agne Laucyte-Cibulskiene2, Laurynas Rimsevičius1,2, Marius Miglinašius1,2, 1Vilnius Univ, Fac Medicine, Vilnius, LITHUANIA, 2Vilnius Univ Hosp Santariskiu Klinikos, Center Nephrology, Vilnius, LITHUANIA.

MP516
CORRECTION OF ACIDOSIS REDUCES THE HYPERPHOSPHATEMIA SEVERITY IN HEMODIALYSIS PATIENTS
Konstantin Vishnevskei1,2, Olga Volkova1, Alexander Zemchenkov2,3, Victor Suchkov3, Alexey Smirnov2, 1St.-Petersburg State Healthcare Inst City Hosp № 15, Dialysis Dept, St.-Petersburg, RUSSIAN FEDERATION, 2First Pavlov State Medical Univ, Propediatrics internal diseases chair, St.-Petersburg, RUSSIAN FEDERATION, 3St.-Petersburg State Healthcare Inst City Mariinsky Hosp, City Nephrology center, St.-Petersburg, RUSSIAN FEDERATION.
MP517
EVALUATION OF THE INCREASE OF INNER DIAMETER OF HOLLOW FIBERS DIALYZER IN ONLINE HEMODIALYSIS
Raquel Ojeda, Lara Belmar, Paula Munguía, Cristina Sango, Ana Isabel Martínez-Díaz, Marta Arias-Guillén, Néstor Fontseré, Manel Vera, Lida Rodas, Miquel Gómez, Francisco Maduell, Hosp Clinic, Nephrology, Barcelona, SPAIN.

MP518
REMOVAL OF INDOXYL SULPHATE AND P-CRESOL SULPHATE AS WELL AS STIMULATION OF FORMING PROTEOLYTIC ENZYMES DURING LOW-FLUX (HDLF), HIGH-FLUX HEMODIALYSIS (HDHF) AND HEMODIAFILTERATION (HDF)
Malgorzata Gomolka1, Longin Niemczyk2, Jerzy Smoszna1, Katarzyna Szamotulska3, Leszek Pacek4, Stanisław Niemczyk1, 1Military Inst Medicine, Dept Internal Medicine, Nephrology and Dialysis, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Nephrology, Dialysotherapy and Internal Diseases, Warsaw, POLAND, 3Inst Mother and Child, Div Epidemiology, Warsaw, POLAND, 4Medical Univ Warsaw, Dept Immunology, Transplantology and Internal Diseases, Warsaw, POLAND.

MP519
COMPUTATIONAL MODEL OF FLUID AND SOLUTES TRANSPORT IN HEMODIALYSIS PATIENTS WITH ACTIVE TRANSPORT OF SODIUM AND POTASSIUM ACROSS THE CELLULAR MEMBRANE
Mauro Pietribiasi1, Jacek Waniewski1, Malgorzata Debowska1, Alicja Wojcik-Zaluska2, Wojciech Zaluska3, IBIB PAN, Warsaw, Dept Mathematical Modelling Physiological Processes, Warsaw, POLAND, 2Medical Univ Lublin, Dept Rehabilitation and Physiotherapy, Lublin, POLAND, 3Medical Univ Lublin, Dept Nephrology, Lublin, POLAND.

MP520
DIALYSIS DOSE COMPARISON BY REAL-TIME KT/V THROUGH ULTRAVIOLET ABSORBANCE IN SPENT DIALYSEATE, SINGLE POOL DAUGIRDAS II AND KT/BSA, ACCORDING SEX AND AGE

MP521
COMPARISON OF CITRATE HEMODIALYSIS AND ACETATE HEMODIALYSIS REGARDING THE EFFECT OF HEPARIN DEMAND, DIALYSIS ADEQUACY AND ELECTROLYTES: A RETROSPECTIVE OBSERVATIONAL STUDY
Eun Ji Park1, Su Woong Jung1, Da Rae Kim2, Jin Sug Kim1, Yang Gyun Kim3, Ju-Young Moon3, Sang Ho Lee1, Tae Won Lee1, Chun Gyoo Ihm3, Kyung Hwan Jeong1, Kyung Hee Univ Hosp, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA, 2Graduate School, Kyung Hee Univ, Dept Medicine, Seoul, SOUTH KOREA, 3Kyung Hee Univ Hosp Gangdong, Div Nephrology, Dept Internal Medicine, Seoul, SOUTH KOREA.

MP522
LACK OF CORRELATION BETWEEN DIALYZER ALBUMIN SIEVING COEFFICIENTS AND IN VIVO ALBUMIN REMOVAL IN HEMODIALYSIS AND HEMODIAFILTERATION
Ulrike Haug1, Werner Beck2, Adriana Boschetti-de-Fierro1, Bernd Krause1, Baxter International Inc., Research & Development, Hechingen, GERMANY, 2Baxter International Inc., Medical Affairs, Hechingen, GERMANY.

MP523
THE EFFECT OF HAEMODIALYSIS AND POST-DILUTION HAEMODIAFILTERATION ON PLATELET CLOSURE TIME IN PATIENTS WITH END-STAGE RENAL DISEASE
Masa Knehtl1, Eva Jakopin1, Sebastjan Bevc1, Robert Ekart3,2, Radovan Hojs1,2, University Medical Centre Maribor, Dept Nephrology, Maribor, SLOVENIA, 2University Medical Centre Maribor, Dept Nephrology, Maribor, SLOVENIA, 3University Medical Centre Maribor, Dept Dialysis, Maribor, SLOVENIA.

MP524
PATIENT SAFETY PROGRAM: A PROGRAM FOR MANAGEMENT OF PATIENT CARE IN CHRONIC HAEMODIALYSIS IN A BRAZILIAN CLINIC
Sergio Sloboda1, Andre Sloboda1, Claudia Montero2, 1Renalduc, Dialysis, Rio de Janeiro, BRAZIL, 2Renalford, Nefrologia, Rio de Janeiro, BRAZIL.

MP525
COUPLED PLASMA FILTRATION ADSORPTION IS ABLE TO REDUCE BILIRUBIN LEVEL: A CASE SERIES
Emanuele De Simone1, Walter De Simone1, Giuseppe Palladino2, 1Osp Moscati, Renal Unit, Avellino, ITALY, 2Medtronic, Bellco, Mirandola, ITALY.

MP526
PREDICTION OF MASS TRANSFER IN AXIAL FLOW THROUGH A HOLLOW FIBER MODULE BY USING OF NUMERICAL SIMULATION
Mohammad Fard, Jalal Barzin, Ali Rezaee, Iranian Consortium Dialysis (ICD Group), Research & Development, Tehran, IRAN.
MP527
REMOVAL EVALUATION OF A NEW DIALYZERS WITH MEDIUM CUT-OFF MEMBRANE IN HD TREATMENTS
Ugo Teatini, Giorgio Romei Longhena, ASST Rhodense, Nephrology and Dialysis unit, Garbagnate Milanese (MI), ITALY.

MP528
BLOOD VOLUME MONITORING SYSTEMS: WHAT ARE WE MEASURING?
Frank Le Roy1, Melanie Hanoy1, Bruno D. Perrone2, 1CHU Rouen, Néphrologie, Rouen, FRANCE, 2Entreprise Formation, DRBP, Saintes, FRANCE.

MP529
EFFECT OF INTERMITTENT APHERESIS ON LDL CHOLESTEROL IS UNDERESTIMATED BY THE KROON FORMULA
Frieder Keller, Univ Hosp, Internal Medicine 1, Nephrology, Ulm, GERMANY.

MP530
COMPARISON OF HEMODIALYSIS WITH MEDIUM CUT-OFF DIALYZER AND ONE-LINE HEMODIAFILTRATION ON THE REMOVAL OF SMALL AND MIDDLE SIZE MOLECULES: A PILOT STUDY
Mohamed BELMOUZ, Jeremy DIOLEZ, Marc BAWENS, Laure ECOETIERE, Estelle DESPORT, Frank BRIDOUX, CHU Poitiers, Nephrology, Poitiers, FRANCE.

MP531
ASSSESSMENT OF THE SAFETY, EFFICACY AND USABILITY OF A NOVEL HEMODIALYSIS SYSTEM
James Grainger, Mr1, Peter HOYER2, John MILAD3, Charlotte BEBB4, Cormac BRENN5, Clara DAY6, 1Quanta Dialysis Technologies, Commercial Team, Warwickshire, UK, 2Quanta Dialysis Technologies, Commercial, Warwickshire, UK, 3Quanta Dialysis Technologies, Executive, Warwickshire, UK, 4Nottingham City Hosp, Renal, Nottingham, UK, 5Guys and St Thomas Hosp, Renal, London, UK, 6Queen Elizabeth Hosp Birmingham, Renal, Birmingham, UK.

MP532
CLINICAL CHEMISTRY ANALYTES ARE STABLE AFTER 24 HOURS IN GEL SEPARATED PLASMA. A METHOD FOR USE IN HOME HEMODIALYSIS
Lourens J.P. NONKES1, Maaike van GELDER2, Hans KemPERMAN1, AlFEROs C. ABRAHAMS2, MAARTEN J. ten BERG1, KARIN G.F. GerritsEN2, 1UMC Utrecht, Clinical Chemistry, Utrecht, Netherlands, 2UMC Utrecht, Nephrology, Utrecht, Netherlands.

MP533
DIALYSIS DOSE IN SHORT DAILY HOME HEMODIALYSIS WITH LOW DIALYSATE: WHEN LESS CAN BE MORE
Pablo MOLINAl,2, Belén VIZCAINO1, Mercedes González-Moya1, Sandra BelTRÁN1, Cristina CASTRO1, Julia KANter1, Ana I. AVILA1, José L. Górrizi2, Luis M. Pallardo2, 1Hosp Univ Dr Peset, Dept Nephrology, Valencia, SPAIN, 2Univ Valencia, Dept Medicine, Valencia, SPAIN.

MP534
THE IMPACT OF BLOOD FLOW RATE ON DIALYSIS DOSE AND PHOSPHATE REMOVAL
Hicham RAFIK1,2, Belén Vizcaino1, Majdouline ERRIHANI2, Aya SOBH1,2, Driss ELKABBAJ1, 15th Military Hosp, Hemodialysis Center, Guelmim, Morocco, 2Military Hosp, Nephrology Dialysis, Rabat, Morocco.

MP535
DOUBLE FILTRATION PLASMAPHERESIS IN THE SYMPTOMATIC HYPERVISCOSITY RELATED TO WALDENSTROM MACROGLOBULINEMIA
Claudia ABBOTT1, Margherita PerrotTA1, Danilo Di Matteo1, Antonello Sica2, Salvatore Guastafierro2, Giovambattista CAPASSO1, Pietro Anastasi1, 1Univ Campania Luigi Vanvitelli, Nephrology, Naples, Italy, 2Univ Campania Luigi Vanvitelli, Hematology, Naples, Italy.

MP536
IMPAcT OF HEPARIN DOSEs ON PATIENT TREATMENT OUTCOMES
Joao Fazendeiro MATOS1, Ricardo PERALTA1, Carla FELIX1, Helena CarVALHO2, Bruno Pinto1, Pedro PONCE1, Fresenius Medical Care, NephroCare Portugal, Lisboa, Portugal, 2Inst Univ Lisboa (ISCTE-IUL), Centro Investigação e Estudos Sociologia (CIES-IUL), Lisboa, Portugal.

MP537
DOES INCREASING MEMBRANE PORE SIZE AFFECT ENDOTOXIN PERMEABILITY? A NOVEL DIALYSIS SIMULATION SET-UP
Eva Schepers1, Griet Glorieux1, Sunny Eloot1, Michael Hulko2, Adriana Boschetti-de-Fierro2, Werner Beck2, Bernd Krause2, Wim Van Biesen2, 1Ghent Univ Hosp, Internal Medicine, Nephrology, Gent, Belgium, 2Baxter International Inc, R&D, Hechingen, Germany.

MP538
A SHORT-TERM REPORT OF HD TREATMENTS WITH THE NEW DIALYZERS THERANOVA
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PERITONEAL DIALYSIS II

MP539
FGF23 CLEARANCE IN PERITONEAL DIALYSIS
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MP540
PERITONEAL PROTEIN LOSS - LINK WITH TRANSPORT RATE OR WITH NUTRITIONAL AND INFLAMMATORY PARAMETERS?
Liliana Cunha1, Carla Leal Moreira2, Maria João Carvalho2, António Cabrita2, Olivia Santos2, José Carlos Oliveira3, Anabela Rodrigues2, 1Hosp Prof. Dr. Fernando Fonseca, Nephrology, Lisbon, PORTUGAL, 2Centro Hosp Porto, Nephrology, Porto, PORTUGAL, 3Centro Hosp Porto, Clinical Pathology, Porto, PORTUGAL.

MP541
MULPA: A MULTICOMPONENT INDEX FOR A QUICK DIAGNOSIS OF PERITONITIS IN PERITONEAL DIALYSIS PATIENTS
J. Emilio Sánchez-Alvarez1,2, Miguel Nuñez-Moral1, Pablo Martinez-Camblor3, Alejandra Méndez-González1, Beatriz Peláez-Requejo1, Mónica Fernández-Pérez1, Isabel González-Díaz1, Carmen Rodríguez-Suárez1, 1Hosp Univ Central Asturias, Nephrology, Oviedo, SPAIN, 2ISCIII, RedinRen, Madrid, SPAIN, 3Geisel School Medicine, Stastistics, Dartmouth, Hanover, NH.

MP542
POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER PRESENTING AS CLOUDY PERITONEAL DIALYSATE
Anna Kolb, Paddy Gibson, Eoin O’Sullivan, Royal Infirmary Edinburgh, Dept Renal Medicine, Edinburgh, UK.

MP543
EXPOSURE OF HUMAN MESOTHELIAL CELLS TO MILD HYPEROSMOTIC STRESS INDUCED BY GLUCOSE, MANNITOL OR NACL INFLUENCES CELL ADHESION AND MIGRATION BUT NOT PROLIFERATION
Vassilios Liakopoulos1, Vasiliki Peppa2, Konstantinos Leivaditi1, Konstantinos I. Gourgoulianis3, Christi Hatzoglou2, Sotiris Zarogiannis2, 1Medical School, Aristotle Univ Thessaloniki, Renal Unit, First Dept Internal Medicine, Thessaloniki, GREECE, 2Medical School, Univ Thessaly, Dept Physiology, Larissa, GREECE, 3Medical School, Univ Thessaly, Dept Respiratory Medicine, Larissa, GREECE.

MP544
TACTICS IN CASE OF CALCULOUS CHOLECYSTITIS IN PATIENTS BEFORE & AFTER INITIATION OF TREATMENT PERITONEAL DIALYSIS
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MP545
PERITONEAL DIALYSIS ANNUAL DROP OUT IN A LARGE INTERNATIONAL SETTING
Belén Marrón1, Gustavo Moretta2, Michael Roechest3, Janusz Ostrowski4, Marietta Török5, Daniel Timofte7, Luis Castillo8, Paul Stroumza9, Elisabeth Fabricius10, Jörgen Hegbrant11, 1Diaverum Renal Services, Home Therapies Medical Office, Madrid, SPAIN, 2Diaverum Renal Services, Peritoneal Dialysis LATAM, Buenos Aires, ARGENTÍNA, 3Diaverum Renal Services, Schlankreye Clinic, Hamburg, GERMANY, 4Diaverum Renal Services, Wloclawek Clinic, Wloclaweck, POLAND, 5Diaverum Renal Services, Rokus Clinic, Budapest, HUNGARY, 6Diaverum Renal Services, SEINE Clinic, Montevideo, URUGUAY, 7Diaverum Renal Services, Sema Clinic, Bucharest, ROMANIA, 8Diaverum Renal Services, Temuco Clinic, Temuco, CHILE, 9Diaverum Renal Services, Marseille Clinic, Marseille, FRANCE, 10Diaverum Renal Services, Visby Clinic, Visby, SWEDEN, 11Diaverum Renal Services, Dialeurum Medical Office, Lund, SWEDEN.

MP546
HOSPITALIZATIONS IN PATIENTS WITH HIV AND END-STAGE RENAL FAILURE: A PROSPECTIVE COHORT STUDY IN TWO SOUTH AFRICAN HOSPITALS
Kwazi C. Z. Ndlovu1,2, Alain Assounga1,2, 1Univ KwaZulu-Natal, Nephrology, Durban, SOUTH AFRICA, 2Inkosi Albert Luthuli Central Hosp, Nephrology, Durban, SOUTH AFRICA.

MP547
CYSTATIN C AND BETA-2 MICROGLOBULIN - VALUABLE BIOMARKERS OF RESIDUAL RENAL FUNCTION IN PERITONEAL DIALYSIS
Carla L. Moreira1, Liliana Cunha1, Maria J. Carvalho1, José C. Oliveira2, Olivia Santos1, António Cabrita1, Anabela Rodrigues1, 1Centro Hosp Porto, Nephrology, Porto, PORTUGAL, 2Centro Hosp Porto, Clinical Pathology, Porto, PORTUGAL.
Posters

MP548
RISK FACTORS OF FUNGAL PERITONITIS PATIENTS ON CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
Andrey Yankovoy1, Alexey Zulkarnaev2, 1Moscow Regional Inst, Renal Transplantation, Moscow, RUSSIAN FEDERATION, 2Moscow Regional Inst, Dept Transplantology, Moscow, RUSSIAN FEDERATION.

MP549
THE ASSOCIATION BETWEEN BODY MASS INDEX AND MORTALITY AMONG ASIAN PERITONEAL DIALYSIS PATIENTS: A META-ANALYSIS
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MP550
THE EFFECT OF BUDDHIST MEDITATION ON THE QUALITY OF LIFE USING SHORT FORM 36 IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS
Jutamas Vareesangthip1, Thalib Mala1, Boonlert Otsul1, Nipa Aivasanom2, Thatsaphan Srithongkul2, Suchai Sritippayawan2, Kiengsiak Vareesangthip2, 1Fac Buddhism, Mahachulalongkornrajavidyalaya Univ, Dhamma Communication Div, Graduate School, Bangkok, THAILAND, 2Fac Medicine Siriraj Hosp, Mahidol Univ, Dept Medicine, Bangkok, THAILAND.

MP551
CAN TAMOXIFEN PREVENT ENCAPSULATING SCLEROSING PERITONITIS IN PERITONEAL DIALYSIS? A SINGLE CENTER EXPERIENCE AND LITERATURE REVIEW
Ivo Laranjinha1, Ana Rita Martins1, Patricia Branco1, Sara Pereira1, Elisabete Costa1, Zilla Cerqueira1, Alexandra Atalaia2, Ana Mirc2, Fátima Falcão2, Maria Augusta Gaspar1, 1Hosp Santa Cruz, CHLO, Nephrology Dept, Lisbon, PORTUGAL, 2Hosp Santa Cruz, CHLO, Pharmacy Dept, Lisbon, PORTUGAL.

MP552
EVALUATION OF ANXIETY, DEPRESSION IN PERITONEAL DIALYSIS PATIENTS
Serdar Kahvecioglu1, Cuma Bülent Gül1, Selin Aktürk Esen2, 1Saglik Bilimleri Univ Bursa Yüksel Íhtisas Training and Research Hosp, Nephrology, Bursa, TURKEY, 2Saglik Bilimleri Univ Bursa Yüksel Íhtisas Training and Research, Internal Medicine, Bursa, TURKEY.

MP553
EARLY ONSET PERITONITIS PREDICTS POOR PROGNOSIS IN PERITONITIS PATIENTS OF PERITONEAL DIALYSIS
Saeko Miura, Kousuke Fukuoka, Kazuki Koga, Kenji Harada, Hidetoshi Kanai, Kokura Memorial Hosp, Nephrology, Kitakyushu, JAPAN.

MP554
RELATIONSHIP BETWEEN INTRAPERITONEAL PRESSURE AND PULMONARY FUNCTION TESTS IN CHILDREN TREATED WITH CAPD
Kadiyre Ozdemir1, Ayse Toktay1, Canan S. Karkiner2, Sukran Gozmen1, Erkin Serdaroglu1, 1Dr Behcet Uz Childrens Hosp, Pediatric Nephrology, Izmir, TURKEY, 2Dr Behcet Uz Childrens Hosp, Pediatric Allergy, Izmir, TURKEY.

MP555
VOLUME OVERLOAD IS ASSOCIATED WITH INCREASED CARDIOVASCULAR OUTCOME AND MORTALITY IN PERITONEAL DIALYSIS PATIENT
Dae Ryong Cha1, Jin Joo Cha1, Young Sun Kang1, Hye Sook Min2, Gyusik Choi1, Jee Young Han3, 1Korea Univ Ansan Hosp, Internal Medicine, Ansan City, SOUTH KOREA, 2Wonkwang Univ Medical College Sanbon Hosp, Internal Medicine, Gunpo, SOUTH KOREA, 3Inha Univ College Medicine, Pathology, Incheon, SOUTH KOREA.

MP556
BERAPROST SODIUM IMPROVE INSULIN SENSITIVITY IN NON DIABETIC CAPD PATIENTS
Maowei Xie, Jiali Wei, Yanni Wang, Wenning Li, Daofa Zhang, Hui Han, Ying Zhang, Hainan General Hosp, Dept Nephrology, Haikou, CHINA.

MP557
DISCREPANCY BETWEEN PRESCRIBED AND ACTUAL APD PRESCRIPTION DELIVERY: IDENTIFICATION USING CYCLER REMOTE MANAGEMENT TECHNOLOGY
Catherine Firaneck1, Mario Salas2, Rebecca Drummond2, Rebecca Drummond2, Rebecca Drummond2, Derek Wiebenson3, Mary Geilen4, James Sloand1, 1Baxter Healthcare, Global Medical Affairs, Deerfield, IL, 2Baxter Healthcare, Life Sciences, Deerfield, IL, 3Baxter Healthcare, Marketing, Deerfield, IL, 4Baxter Healthcare, Medical Affairs, Deerfield, IL.
MP558
TIME-AVERAGED HIGH-SENSITIVITY C-REACTIVE PROTEIN PREDICTS MORTALITY AND DROPOUT IN PERITONEAL DIALYSIS PATIENTS

MP559
EVALUATION OF CONCORDANCE BETWEEN DIALYSATE/PLASMA (D/P) PHOSPHORUS AND D/P CREATININE IN PERITONEAL DIALYSIS
Ana Coloma, Milagros Sierra, Sagrario Balda, Antonio Gil, Marta Artamendi, Fernando Gil, Cecilia Dall’Anese, Oscar Segurado, Emma Huarte, Hosp San Pedro, Nephrology, Logroño, SPAIN.

MP560
PD PENETRATION: SEVEN YEARS OF EDUCATIONAL PROGRAM
Nada Dimkovic1, Zdenka Mjaster, 11, Tatjana Damjanovic, 11, Jelena Aleksić2, Miodrag Sokolovic3, Jasmina Bogdanovic4, Slava Stamenov5, Mirjana Manasieć6, Dragana Stankovic Toskovic7, Biljana Cekovic8, Branimir Hatidza Lilić9, Svetlana Žikic10, Jasmina Vukic11, Biljana Seger12, Ana Muskovic13, Radomir Zarkovic14, 12vezdara Univ Medical Center, Clinical Dept Nephrology, Belgrade, SERBIA, 2Diacell d.o.o, Diacell, Belgrade, SERBIA, 3Hosp Leskovac, Dialysis Centre, Leskovac, SERBIA, 4Hosp Valjevo, Dialysis Center, Valjevo, SERBIA, 5Hosp Vranje, Dialysis Center, Vranje, SERBIA, 6Hosp Pančevo, Dialysis Center, Pančevo, SERBIA, 7Hosp Sabac, Dialysis Center, Sabac, SERBIA, 8Hosp Cacak, Dialysis Center, Cacak, SERBIA, 9Hosp Pirot, Dialysis Center, Pirot, SERBIA, 10Hosp Zajecar, Dialysis Center, Zajecar, SERBIA, 11Hosp Cuprija, Dialysis Center, Cuprija, SERBIA, 12Hosp Pozarevac, Dialysis Center, Pozarevac, SERBIA, 13Hosp Sombor, Dialysis Center, Sombor, SERBIA, 14Hosp Kraljevo, Dialysis Center, Kraljevo, SERBIA.

MP561
EFFECT OF PERITONEAL DIALYSIS ON CARDIAC FUNCTIONAL PARAMETERS IN PATIENTS WITH CONGESTIVE HEART FAILURE
Panagiotis Pangidis1, Andreas Bozikas1, Foteini Lazaridou2, Iliana Kiriakoutzik1, Theotokis Kaltzidis2, Eleni Kitoukidis1, Pinelopi Pisanidou1, Styliani Vakiani1, Antigoni Martika1, Nikolaos Georgilas1, Ioannis Tsounos2, Sofia Spaia1, 1Agios Pavlos, Nephrology, Thessaloniki, GREECE, 2Agios Pavlos, Cardiology, Thessaloniki, GREECE.

MP562
PERITONEAL CATHETER SURVIVAL AFTER SUBCUTANEOUS CUFF REMOVAL IN PERSISTENT EXIT-SITE INFECTIONS
Guadalupe Caparrós Tortosa, Josefina Santiago Sanz, Makenzi Douze, Francisca Molina Lillo, Luis Piccone Saponara, Mayberi del Cisne Maldonado, Gabriela Miranda, Javier Lorente, Hosp General Univ Ciudad Real, Nefrología, Ciudad Real, SPAIN.

MP563
PERITONEAL DIALYSIS AS THE FIRST-LINE RENAL REPLACEMENT THERAPY IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
Anna Rachele Rocca1, Tania Gnerre Musto1, Massimo Testorio1, Alessandra Nunzi1, Assunta Zavatto1, Flaminia Forte1, Armando Filippini1, 1Azienda Univ Policlinico Umberto I, Nephrology and Dialysis, Rome, ITALY, 2Policlinico Casilino, Nephrology and Dialysis, Rome, ITALY.

MP564
MCP-1 INTRAPERITONEAL PRODUCTION IS ASSOCIATED WITH THE PERITONEAL DIALYSIS ADEQUACY AND TECHNIQUE SURVIVAL
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MP565
PLEURAL AND PERICARDIAL EFFUSION ON A LONG-TERM PD PATIENT - A DEIFYING DIAGNOSIS
Iolanda Godinho, Joana M. Dias, Natacha Rodrigues, Hugo Silva, Sofia Jorge, Cristina P. Abreu, José A. Lopes, Centro Hosp Lisboa Norte EPE, Serviço Nefrologia e Transplantação Renal, Lisboa, PORTUGAL.

MP566
SERUM CHROMIUM LEVEL IN CHRONIC PERITONEAL DIALYSIS PATIENTS IS HIGHER THAN IN CHRONIC HEMODIALYSIS PATIENTS
Leonid Feldman1,2, Ilia Bebrashvili1,2, Ramzia Abu Hamadi1,2, Iris Yakov-Hai1, Elena Abramov1, Walter Wasser3, Roxa Rozenberg1,2, Shai Efrati1,2, 1Assaf Harofeh Medical Center, Nephrology Dept, Zerifin, ISRAEL, 2Tel Aviv Univ, Sackler School Medicine, Tel Aviv, ISRAEL, 3Mayanei HaYeshua Medical Center, Nephrology Dept, Bnei Brak, ISRAEL.
Posters

MP567 PERITONEAL DIALYSIS AND HEMODIALYSIS: A SURVIVAL COMPARISON IN THE OLDEST-OLD PATIENTS IN JAPAN
Minoru Ito, Yabuki Hosp, Nephrology and Dialysis Center, Yamagata, JAPAN.

MP568 PARICALCITOL EFFECT ON INFLAMMATION MARKERS IN PDP
Diana H. Yonova1, Adelina D. Tcakova2, Ivan I. Trendafilov1, Velimir I. Papazov1, Ina N. Georgieva1, 1Medical Univ, Dialysis Center, Sofia, BULGARIA, 2Medical Univ, Dept Central Clinical Lab and Immunology, Sofia, BULGARIA.

MP569 PERITONEAL DIALYSIS IN THE CLOUD. THE USE OF A CLOUD BASED REMOTE MONITORING DEVICE IN PERITONEAL DIALYSIS (PD) THERAPY
Chukwuma A. Chukwu, Andrew Macglashan, Thangavelu Chandrasekar, Abraham Abraham, Aintree Univ Hosp, Nephrology, Liverpool, UK.

MP570 DELIVERED AND PRESCRIBED APD TREATMENTS: DOES THE DIFFERENCE MATTER? A MULTICENTRE GCDP STUDY
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MP571 IMPORTANCE OF PERIODIC KNOWLEDGE OF LOCAL BACTERIAL FLORA IN A PERITONEAL DIALYSIS UNIT FOR TREATING PERITONEAL CATHETER EXIT SITE INFECTIONS AND PERITONITIS
Rufino Margarita, Marquez Aranzazu, Garcia Sagrario, Torres Armando, Hosp Univ Canarias, Nephrology, Santa Cruz De Tenerife, SPAIN.

MP572 THE USEFULNESS OF AUTOMATED BLOOD CULTURE METHOD TO DETECT CAUSATIVE ORGANISMS CAUSING PERITONITIS IN PD PATIENTS: LONG-TERM VALIDITY ASSESSMENT ABOUT REPLACEMENT OF CONVENTIONAL CULTURE METHOD
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MP573 NUTRITIONAL STATUS, APPETITE AND MENTAL-Psychological STATUS IN PERITONEAL DIALYSIS PATIENTS
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MP574 PERITONEAL RESIDUAL VOLUME IN PATIENTS TREATED WITH PERITONEAL DIALYSIS
Vladimira Bednarova, Martina Peiskerova, Zdenka Hruskova, Martina Kadlecova, Vladimir Tesar, First Fac Medicine, Charles Univ and General Univ Hosp, Nephrology, Prague, CZECH REPUBLIC.

MP575 EARLY PERITONEAL FAILURE: NIP THE EVIL IN THE BUD
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MP576 MAINTAINING A PERITONEAL DIALYSIS PROGRAMME - ADDRESSING THE REASONS FOR THERAPY DROP OUT - SINGLE CENTRE EXPERIENCE FROM THE UK
Maaz M. Babiker, Hatem Ali, Jyoti Baharani, Heart of England NHS Foundation Trust, Renal, Birmingham, UK.

MP577 HIGH SERUM MAGNESIUM LEVELS AND CINACALCET USE ARE ASSOCIATED WITH LOWER ABDOMINAL AORTIC CALCIFICATION SCORES IN PERITONEAL DIALYSIS PATIENTS
Dimitra Bacharaki1, Dimitra Galitsiou2, Ourania Tsotsorou1, Aikaterini Vlahakos1, Dimitra Galitsiou2, Myrto Kostopoulou3, Nikos Afentakis3, Olga Balafou4, Anila Duni4, Evangelia Dounouisi4, Anastasia Georgiouliou5, Kostas Mavromatisid5, Ioannis Kyriazis5, 1Attikon Univ Hosp, Nephrology, Chaidari, GREECE, 2Univ Hosp, Nephrology, Athens, GREECE, 3Univ Hosp, Nephrology, Athens, GREECE, 4Univ Hosp, Nephrology, Athens, GREECE, 5Attikon Univ Hosp, Nephrology, Chaidari, GREECE, 6Sklitseio General Hosp, Nephrology, Chios, GREECE.
**DIALYSIS - CARDIOVASCULAR COMPLICATIONS II**

**MP578**
GLOBAL LONGITUDINAL STRAIN, RATIO OF EARLY DIASTOLIC PEAK MITRAL FLOW VELOCITY TO EARLY MITRAL ANNULUS VELOCITY, AND CARDIOVASCULAR OUTCOME IN INCIDENT DIALYSIS PATIENTS
Jongha Park1, Kyung Sun Park1, Hyun Chul Chung1, Jong Soo Lee1, Shin-Jae Kim2, 1Ulsan Univ Hosp, Nephrology, Ulsan, SOUTH KOREA, 2Ulsan Univ Hosp, Cardiology, Ulsan, SOUTH KOREA.

**MP579**
CORONARY ARTERY BYPASS GRAFTING IN DIALYSIS PATIENTS
Joachim Sirch, Steffen Pfeiffer, Theodor Fischlein, Klinikum Nürnberg, Cardiac Surgery, Nürnberg, GERMANY.

**MP580**
ECHOCARDIOGRAPHIC ASSESSMENT OF CARDIAC DYSFUNCTION IN MAINTENANCE HEMODIALYSIS PATIENTS
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**MP581**
BLOOD PRESSURE VARIABILITY GRADUALLY INCREASES FROM THE FIRST TO THE SECOND INTERDIALYTIC DAY IN PATIENTS UNDERGOING HEMODIALYSIS
Antonios Karpetas1, Loutradis Charalampos2, Antonios A. Lazaridis2, Athanasios Biko3, Georgios Tzani2, Georgios Koutroumpas4, Konstantinos Mavromatis1, Vasilios Liakopoulos5, Pantelis Zepekakis5, Luis M. Ruizlope6, Gianfranco Parati7, Pantelis A. Sarafidis2, 1Therapeutiki, Hemodialysis Unit, Thessaloniki, GREECE, 2Hippokration Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, GREECE, 3Peria, Hemodialysis Unit, Katerini, GREECE, 4Achilloulonion General Hosp, Hemodialysis Unit, Volos, GREECE, 5SAHEPA Hosp, Aristotle Univ Thessaloniki, Section Nephrology and Hypertension, 1st Dept Medicine, Thessaloniki, GREECE, 6Hosp 12 de Octubre, Hypertension Unit, Madrid, SPAIN, 7San Luca Hosp, Ist Auxologico Italiano and Dept Medicine and Surgery, Univ Milano-Bicocca, Dept Cardiovascular, Neural and Metabolic Sciences, Milan, ITALY.

**MP582**
UK CALCIPHYLAXIS STUDY: INTERIM ANALYSIS
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**MP583**
ASSESSING THE REPRODUCIBILITY OF AORTIC STIFFNESS IN PATIENTS WITH END STAGE RENAL DISEASE? A 3-TESLA CARDIAC MAGNETIC RESONANCE IMAGING STUDY
Sherna F. Adenwalla1, Matthew P. M. Graham-Brown1,2,3, William H. Hunt1, David J. Stensel3, Gerry P. McCann1, James O. Burton1,2, 1Univ Leicester and Glenfield Hosp, Dept Cardiovascular Sciences and the NIHR Leicester Cardiovascular Biomedical Research Unit, Leicester, UK, 2Univ Hosp Leicester NHS Trust, John Walls Renal Unit, Leicester, UK, 3Loughborough Univ, National Centre Sport and Exercise Medicine, School Sport, Exercise and Health Sciences, Loughborough, UK.

**MP584**
THE NOVEL BONE ALKALINE PHOSPHATASE ISOFORM B1x PREDICTS AORTIC STIFFNESS IN DIALYSIS PATIENTS
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**MP585**
PROGNOSTIC VALUE OF BLOOD PRESSURE FOR INCIDENT HAEMODIALYSIS PATIENTS
Sandra Castellano Gasch, Teresa Hernández2, Victoria García3, Laura Ribera4, Tomás Ortúño5, Jose Ignacio Merello6, Rosa Ramos6, 1FMC Spain, Dialcentro, Madrid, SPAIN, 2FMC Spain, FMC Cáceres, Cáceres, SPAIN, 3FMC Spain, FMC Palma del Rio, Palma del Rio, SPAIN, 4FMC Spain, FMC Glories, Barcelona, SPAIN, 5FMC Spain, FMC Yecla, Yecla, SPAIN, 6FMC Spain, FMC Madrid, Madrid, SPAIN.

**MP586**
EFFECT OF LANTHANUM CARBONATE ON CARDIAC ABNORMALITIES IN PATIENTS NEW TO HEMODIALYSIS
Hideki Fujii, Keiji Kono, Shunsuke Goto, Kentaro Nakai, Shuhei Watanabe, Kentaro Watanabe, Kimihiko Goto, Nozomi Hosokawa, Shinichi Nishi, Kobe Univ Graduate School Medicin, Div Nephrology and Kidney Center, Kobe, JAPAN.
MP587
PREDICTIVE VALUE OF KAUPPILA INDEX IN HEART VALVE CALCIFICATIONS PREVALENCE
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MP588
INCREASED NEUTROPHIL EXTRACELLULAR TRAPS FORMATION IN UREMIA IS ASSOCIATED WITH CHRONIC INFLAMMATION AND PREVAILING CORONARY ARTERY DISEASE
Jwa-Kyung Kim1, Young Su Kim2, Yong Deok Jeon3, Hyung Jik Kim2, Sung Gun Kim2, 1Hallym Univ, Internal Medicine, Anyang, SOUTH KOREA, 2Hallym Univ Sacred Heart Hosp, Internal Medicine & Kidney Research Inst, Anyang, SOUTH KOREA, 3National Medical Center, Internal Medicine & Kidney Research Inst, Seoul, SOUTH KOREA.

MP589
INFLUENCE OF GENETICS ON CARDIOVASCULAR MORBIDITY IN HEMODIALYSIS PATIENTS AND 7 YEARS FOLLOW UP MORTALITY
Jelena Tosic Dragovic, Jovan Popovic, Petar Djuric, Aleksandar Jankovic, Ana Bulatovic, Nada Dimkovic, Univ Medical Center Zvezdara, Clinical Dept Renal Diseases, Belgrade, SERBIA.

MP590
HIGH ARTERIOVENOUS ACCESS FLOW AND ITS ASSOCIATION WITH CARDIAC FUNCTION IN HAEMODIALYSIS PATIENTS
Sudhaharan Sivathasan, Lily Mushahar, Dheepa Ramasamy, Mohd Nazim Shamsudin, Anizah Adnan, Tuanku Ja’afar Hosp, Dept Nephrology, Seremban, MALAYSIA.

MP591
ASSOCIATION OF SALUSIN ALPHA AND BETA LEVELS WITH ATHEROSCLEROSIS IN CHRONIC HEMODIALYSIS PATIENTS
Savaş Sipahi1, Seyyid Bilal Acikgoz2, Ahmed Bilal Genc2, Mehmet Yidirim2, Mehmet Bulent Vatan3, Yakup Ersel Aksoy4, Mustafa Altindis5, Hamad Dheer1, 1Sakarya University Medical Faculty, Nephrology, Sakarya, TURKEY, 2Sakarya University Medical Faculty, Internal Medicine, Sakarya, TURKEY, 3Sakarya University Medical Faculty, Cardiology, Sakarya, TURKEY, 4Sakarya University Medical Faculty, Radiology, Sakarya, TURKEY, 5Sakarya University Medical Faculty, Microbiology, Sakarya, TURKEY.

MP592
IS LEFT VENTRICULAR HYPERTROPHY ASSOCIATED WITH KLOTHO G-395A GENE POLYMORPHISM AND AGE OF PATIENTS ON HEMODIALYSIS?
Tatjana Cvetkovic1, Branislav Apostolovic1, Nikola Stefanovic2, Karolina Paunovic1, Svetlana Apostolovic3, Radmila Velickovic-Radovanovic1, 1Clinical Center Nis, Clinic Nephrology, Nis, SERBIA, 2Univ Nis, Fac Medicine, Dept Pharmacy, Nis, SERBIA, 3Clinical Center Nis, Clinic Cardiovascular disease, Nis, SERBIA.

MP593
SERUM BONE SPECIFIC ALKALINE PHOSPHATASES/TOTAL ALKALINE PHOSPHATASES RATIO AND MORTALITY IN MHD PATIENTS
Zuanhong Jiang, Zijin Chen, Zhiyu Wang, XiaoBo Ma, Chunli Zhang, Ying Qian, Hajiin Yu, Xiaonong Chen, Ruijin Hosp, Shanghai Jiaotong Univ School Medicine, Nephrology, Shanghai, CHINA.

MP594
THE RELATIONSHIP BETWEEN FIBROBLAST GROWTH FACTOR-23 (FGF-23) AND SELECTED CLINICAL AND LAB PARAMETERS
Danuta Fedak1, Marek Kuzniowski2, Marcin Kranowski2, Paulina Dumnicka3, Wal dyslaw Sulowicz2, 1Jagiellonian Univ Medical College, Dept Clinical Biochemistry, Krakow, POLAND, 2Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 3Jagiellonian Univ Medical College, Dept Medical Diagnostics, Krakow, POLAND.

MP595
THE CEREBROVASCULAR AND NEUROCOGNITIVE EFFECTS OF HAEMODIALYSIS
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MP596
INFLUENCE OF HEMODIALYSIS ASSOCIATED CARDIOVASCULAR COMPLICATIONS ON PULSE WAVE ANALYSIS MODELING-BASED APPROACH
Jan Polewczuk1, Malgorzata Debowska1, Alicja Wojcik-Zaluska2, Wojciech Dabrowski3, Wojciech Zaluska4, Jacek Waniewski1, 1Nalecz Inst Biocybernetics and Biomedical Engineering PAS, Dept Mathematical Modeling Physiological Processes, Warsaw, POLAND, 2Medical Univ Lublin, Dept Physical Therapy and Rehabilitation, Lublin, POLAND, 3Medical Univ Lublin, Dept Anesthesiology and Intensive Therapy, Lublin, POLAND, 4Medical Univ Lublin, Dept Nephrology, Lublin, POLAND.
MP597
A BLUNTED ATHEROSCLEROSIS SIGNALING IN CIRCULATING IMMUNE CELLS MAY EXPLAIN THE REDUCED CARDIOVASCULAR RISK IN UREMIC PATIENTS (PTS) TREATED WITH ON LINE HEMODIAFILTRATION (OL-HDF)
Simona Simonelli1, Annarita Chieti1, Federica Rascio2, Paola Pontrelli1, Matteo Accetturo1, Roberto Corciulo1, Domenico Papantonio2, Maria Ktena2, Giovanni Stallone2, Loreto Gesualdo1, Giuseppe Grandaliano2, Giovanni B. Pertosa1, 1Univ Bari A. Moro, Dept Emergency and Organ Transplantation, Div Nephrology, Bari, ITALY, 2Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.

MP598
SEVERAL PERIPHERAL ARTERIAL DISEASE IN HAEMODIALYSIS PATIENTS - A FIVE CENTRE STUDY
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MP599
PROGNOSTIC VALUE OF THE 5-MINUTE HEART RATE VARIABILITY DURING ORTHOSTASIS IN HEMODIALYSIS PATIENTS
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MP600
LOWER US B LINE SCORE IN JAPANESE HEMODIALYSIS PATIENTS
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MP601
RELATIONSHIP BETWEEN SERUM FIBROBLAST GROWTH FACTOR 21 LEVELS AND ARTERIOSCLEROSIS FACTORS IN CHRONIC HEMODIALYSIS PATIENTS
Tetsuya Ogawa1, Yumi Hosoda1, Miki Shimada1, Yoko Nishizawa1, Midori Shino1, Himiko Shimizu1, Tomoko Inoue1, Tetsuri Yamashita1, Aki Kikumura2, Shiori Tamayose2, Syota Taira2, Yoshiki Shihoiri2, Tomohiro Central Hosp, Dept Nephrology, Tomigusuku City Okinawa, JAPAN, 2Tomishiro Central Hosp, Dept Nephrology, Tomigusuku city, JAPAN.

MP602
PLASMINOGEN ACTIVATOR INHIBITOR-1 (PAI-1): A PROMISING BIOMARKER FOR EARLY ARTERIAL CALCIFICATION IN PATIENTS WITH ADVANCED KIDNEY DISEASE?
Katarzyna Krzanowska1, Marcin Krzanowski1, Mariusz Gajda2, Paulina Dumnicka3, Barbara Dudzik1, Karolina Woźniok2, Jan A. Litwin2, Władysław Sułowicz2, 1Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 2Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND.

MP603
ASSOCIATION OF VITAMIN D RECEPTOR GENE POLYMORPHISM WITH ARTERIOVENOUS FISTULA THROMBOSIS IN HEMODIALYSIS PATIENTS
Can Huzmeli1, Gokhan Bagci1, Ferhan Candan1, Cemal Bagci1, Lale Akkaya1, Mansur Kayatas1, 1Cumhuriyet Univ, Nephrology, Sivas, TURKEY, 2Cumhuriyet Univ, Nephrology, Sivas, TURKEY, 3Cumhuriyet Univ, Nephrology, Sivas, TURKEY, 4Cumhuriyet Univ, Nephrology, Sivas, TURKEY.

MP604
CORRELATION OF CALCIUM-PHOSPHORUS METABOLISM & CARDIAC STRUCTURE IN MAINTENANCE HEMODIALYSIS PATIENTS
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MP605
INFLUENCE OF INTENSIFIED HAEMODIALYSIS ON FIBROBLAST GROWTH FACTOR 23 (FGF23) AND LEFT VENTRICULAR HYPERTROPHY (LVH): A COMPARISON OF NOCTURNAL AND STANDARD DIALYSIS
Bettina Lütke1, Martin Pachmann2, Corina Troeger2, Ulrike S. Belschner3, Christina Dengler3, Michael Fischereder4, 1Klinik der LMU, Medizinische Klinik und Poliklinik IV, Munich, GERMANY, 2Nephrocare GmbH, DiZ München, Munich, GERMANY, 3Klinikum der LMU, Medizinische Klinik und Poliklinik IV, Munich, GERMANY, 4Klinikum der LMU, Nephrology, Munich, GERMANY.
**Posters**

**MP606**
B LYMPHOCYTES DEPLETION, A NEW MORTALITY RISK FACTOR IN HEMODIALYSIS
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**MP607**
RELATIONSHIP BETWEEN ABDOMINAL AORTIC CALCIFICATION AND OUTCOMES IN MAINTENANCE HEMODIALYSIS PATIENTS
Zhe Wang, Fang Wei, Ai I. Jiang, Second Hosp Tianjin Medical Univ, Kidney Disease and Blood Purification Dept, Tianjin, CHINA.

**MP608**
REAL-WORLD OUTCOMES OF HYPERKALEMIA MANAGEMENT WITH PATIROMER IN END-STAGE RENAL DISEASE PATIENTS UNDERGOING HEMODIALYSIS IN THE UNITED STATES
Dinesh K. Chatoth1, Peter M. Wahl2, Viatcheslav Rakov3, Carly R. Van Zandt4, Kathryn P. Anastassopoulou2, Sam Colman2, Tyler Knight2, Nina Oestreicher5, Ann Mooney6, David M. Spiegel7, 1Fresenius Medical Care, Medical Operations, Waltham, MA, 2Covance Market Access Services, Inc., Consulting, Gaithersburg, MD, 3Vifor Pharma Ltd., Pharmaceuticals, Glattbrugg, SWITZERLAND, 4Fresnova Renal Research, Bioinformatics, Waltham, MA, 5Relypsa, Inc., Epidemiology, HEOR & Observational Research, Redwood City, CA, 6Fresnova Renal Research, Clinical Operations, Waltham, MA, 7Relypsa, Inc., Clinical Development, Redwood City, CA.

**MP609**
STROKE IN PATIENTS ON MAINTENANCE HEMODIALYSIS: A 10-YEAR SINGLE CENTER STUDY

**MP610**
ARE THERE ANY BENEFITS BY INDIVIDUALIZATION OF DIALYSATE SODIUM
Natasa Eftimovska-Otovic1, Olivera Stojeva-Taneva2, Borislava Taneva3, Saso Stojev4, 1General City Hosp 8th September, Dialysis, Skopje, F.Y.R. OF MACEDONIA, 2Univ Clinic Nephrology, Nephrology, Skopje, F.Y.R. OF MACEDONIA, 3Univ Clinic Cardiology, Cardiology, Skopje, F.Y.R. OF MACEDONIA, 4General City Hosp 8th September, Neurology, Skopje, F.Y.R. OF MACEDONIA.

**MP611**
PREVALENCE, CLINICAL PROFILE AND THERAPEUTIC MANAGEMENT OF ATRIAL FIBRILLATION IN PATIENTS ON HEMODIALYSIS IN ANDALUSIA
Teresa Vázquez-Sánchez1, Carmen Sánchez-Perales2, Sonia Ortega2, Daniel Salas3, Eduardo Vázquez3, 1Hosp Regional Univ, Nephrology, Málaga, SPAIN, 2Complejo Hosp Jaén, Nephrology, Jaén, SPAIN, 3Complejo Hosp Jaén, Cardiology, Jaén, SPAIN.

**MP612**
A SIX MONTH PROGRAMME OF INTRADIALYTIC EXERCISE IMPROVES RESTING HEART RATE IN HAEMODIALYSIS PATIENTS
Clare L. Tomlinson1, Darren R. Churchward1, Charlotte E. Grantham1, Hannah M. L. Young1, Patrick Highton2, Matthew P. M. Graham-Brown2, Daniel S. March1, James O. Burton1, 1Univ Leicester, Dept Infection, Immunity and Inflammation, Leicester, UK, 2Loughborough Univ, National Centre Sports and Exercise Medicine, Loughborough, UK.

**MP613**
THE PROGNOSTIC VALUE OF ABDOMINAL AORTIC CALCIFICATION IN HEMO-PERITONEAL DIALYSIS PATIENTS
Merita Rroji (Molla)1, Saimir Seferi1, Marsida Kasa2, Nereida Shpahia1, Erjola Likaj1, Alma Idriz1, Myftar Barbullushi1, 1Univ Hosp Center Mother Teresa, Dept Nephrology Dialysis Transplantation, Tirana, ALBANIA, 2Univ Hosp Trauma, Dept Internal Medicine, Tirana, ALBANIA.

**MP614**
LIPOPROTEIN A CONTRIBUTES TO THE PROGRESSION OF ATHEROSCLEROSIS IN PATIENTS WITH END-STAGE RENAL DISEASE
Kun Ling Ma, Tie Kai Gong, Ze Bo Hu, Yang Zhang, Gui Hua Wang, Jian Lu, Pei Pei Chen, Liang Liu, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Renal Dept, Nan Jing City, CHINA.

**MP615**
ASSOCIATION OF VASCULAR CALCIFICATION AND RESIDUAL RENAL FUNCTION IN HEMODIALYSIS PATIENTS
Young-Ki Lee, Dong Ho Shin, Ajin Cho, Jong-Woo Yoon, Yoo Jin Choi, Eun Ji Bae, Eun Yi Kim, Jieun Oh, Hallym Univ College Medicine, Internal medicine, Seoul, SOUTH KOREA.
MP616
PROBING RISK OF STROKE AND ITS RELATED FACTORS IN ELDERLY DIALYSIS PATIENTS
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MP617
NEUTROPHIL-LYMPHOCYTE RATIO PREDICTS LONG-TERM ALL-CAUSE MORTALITY IN HEMODIALYSIS PATIENTS
Karolina Woziwodzka1, Katarzyna Krzanowska1, Marcin Krzanowski1, Artur Dzwierz2, Grzegorz Chmiel1, Jerzy Kopeć1, Włodysław Sułowiec1, 1Jagiellonian Univ Medical College, Dept Nephrology, Krakow, POLAND, 2Jagiellonian Univ Medical College, Second Dept Cardiology, Krakow, POLAND.

MP618
HEALTH BELIEFS RELATED TO SALT-RESTRICTED DIET AND ASSOCIATED FACTORS IN PATIENTS ON HEMODIALYSIS
Belguzar Kara, Univ Health Sciences, Dept Internal Medicine Nursing, Gulhane School Nursing, Ankara, TURKEY.

MP619
THE EFFECT OF ANTI OXIDANT VITAMIN SUPPLEMENTATION ON ARTERIAL STIFFNESS IN HEMODIALYSIS PATIENTS
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MP620
MODERN PEPTIDE BIOMARKERS AND ECHOCARDIOGRAPHY IN CARDIAC HEALTHY HAEMODIALYSIS PATIENTS
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MP621
THE RELATIONSHIP BETWEEN RENALASE TOGETHER WITH CATECHOLAMINES AND ANTI-AGING FACTORS - SIRTUIN 1 AND ALPHA-KLOTHO IN HEMODIALYSIS PATIENTS
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MP622
CARDIOVASCULAR EVENTS IN CKD5D PATIENTS ON MAINTENANCE HEMODIALYSIS AND RENIN-ANGIOTENSIN BLOCKADE - A BICENTRIC RETROSPECTIVE STUDY
Iulia Dana Grosu1, Adalbert Schiller1, Flaviu Bob1, Oana Schiller2, Diana Chiu3, Philip Kalra3, 1Vitor Babes Univ Medicine and Pharmacy, Nephrology Dept, Timisoara, ROMANIA, 2B.Braun Avitum, Dialysis Center, Timisoara, ROMANIA, 3Salford Royal Foundation Trust, Renal Medicine, Salford, UK.
DIALYSIS - VASCULAR ACCESS II

MP623 NEW METHOD OF MEASURING VOLUME OF VASCULAR ACCESS FLOW THAT REQUIRES NO SPECIAL DEVICE
Kazuhiko Shibata1, Katsunori Miyake2, Hidemitsu Ogino2, Jun Kawachi2, Naoko Isogai2, Hidehisa Satta3, Masahiro Nishihaara3, Tadashi Kujid4, Kiyotaka Imoto5, Naoki Koguchi6, Shuzo Kobayashi1, Yoko Kehama Minami Clinic, Internal Medicine, Yokohama, JAPAN, 2Shonan Kamakura General Hosp, Shunt Care Center, Kamakura, JAPAN, 3Toshiba Clinic, Internal Medicine, Yokohama, JAPAN, 4Yokodai Central Clinic, Internal Medicine, Yokohama, JAPAN, 5Kasama clinic, Internal Medicine, Yokohama, JAPAN, 6Shonan Kamakura General Hosp, Internal Medicine, Kamakura, JAPAN.

MP624 MATRIX METALLOPROTEINASE 2 PREDICTS ARTERIOVENOUS FISTULA FAILURE IN HAEMODIALYSIS PATIENTS
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MP625 VASCULAR ACCESS AND SURVIVAL RATES IN OLDER ADULTS: PECULARITIES OF THE CAUSE-EFFECT RELATION
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MP626 PREDICTION OF HEMODIALYSIS VASCULAR ACCESS FAILURE USING DATA FROM SEGMENTAL BIOIMPEDANCE ANALYSIS
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MP627 INFLUENCE OF VASCULAR ACCESS TYPE IN SURVIVAL OUTCOMES FOR INCIDENT ELDERLY HEMODIALYSIS PATIENTS
Ariana Azevedo, Nuno Fonseca, Ana Carina Ferreira, Vasco Fernandes, Cecilia Silva, João Sousa, Anibal Ferreira, Fernando Nolasco, Centro Hosp Lisboa Central, EPE, Nephrology, Lisboa, PORTUGAL.

MP628 RADIOGRAPHIC PARAMETERS FOR PREDICTING EARLY FLOW DISTURBANCES DURING HAEMODIALYSIS IN TUNNELED CATHETERS
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MP629 DETERMINANTS OF INTRAOPERATIVE BLOOD FLOW OF AUTOLOGOUS RADIOCEPHALIC ARTERIOVENOUS FISTULA AT THE TIME OF FISTULA CONSTRUCTION
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MP630 HEMODIALYSIS ACCESS IN REGULAR HEMODIALYSIS PATIENTS IN EGYPT
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MP631 ARTERIOVENOUS FISTULA OUTCOMES IN A SINGLE-CENTER COHORT: “FISTULA FIRST” FOR THE ELDERLY?
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MP632 RELIANCE ON ESTIMATED GFR MIGHT CARRY A RISK OF TOO-EARLY VASCULAR ACCESS CREATION
Hiroshi Tanaka, Mihara Red Cross Hosp, Internal Medicine, Mihara, JAPAN.
MP633  
PREVALENCE AND CORRELATES OF VASCULAR ACCESS USE AMONG HAEMODIALYSIS PATIENTS IN THE IRISH HEALTH SYSTEM  
Wael F. Hussein1, Ali Sheikhi2, Husham Mohamed3, Liam D. Plant4, Cathal Walsh2,5,5, Austin Stack3,6, 1Univ Limerick, Dept Nephrology, Limerick, IRELAND, 2Univ Limerick, Mathematics and Statistics, Limerick, IRELAND, 3Univ Hosp Limerick, Dept Nephrology, Limerick, IRELAND, 4Univ College Cork, Dept Nephrology, Cork, IRELAND, 5Univ Limerick, Health Research Inst, Limerick, IRELAND, 6Univ Limerick, Graduate Entry Medical School and Health Research Inst, Limerick, IRELAND.

MP634  
LONG-TERM TUNNELLED HEMODIALYSIS CATHETERS: FEMORAL VS INTERNAL JUGULAR VEIN INSERTION. A SINGLE CENTRE 10 YEARS EXPERIENCE  
Silvano Costa, Annalisa Foschi, Paolo Albrizio, Ivo Angelo Milani, Stefano Rindi, Manuela Zucchi, Fabio Milanesi, ASST Pavia, Nephrology and Dialysis Unit, Voghera, ITALY.

MP635  
THE VALUE OF SYSTEMATIC CATHETER SURVEILLANCE CULTURES FOR PREDICTION OF CATHETER RELATED SEPTICAEMIA IN HAEMODIALYSIS  
Camille Roger1, Claire Carter1, Laurie Ferret2, Thomas Quemeneur3, Nathalie Maisonneuve1, 1Valenciennes Hosp, Nephrology, Valenciennes, FRANCE, 2Valenciennes Hosp, Statistics, Valenciennes, FRANCE, 3Valenciennes Hosp, Internal Medicine, Valenciennes, FRANCE.

MP636  
VASCULAR ACCESS RESULTS BEFORE AND AFTER MULTIDISCIPLINARY APPROACH AND ROUTINE DOPPLER ULTRASOUND  
Ines Aragoncillo1, Almudena Vega, Soraya Abad1, Nicolas Macias1, Tania Linares1, Ana Garcia Prieto1, Jose Manuel Liger, Jose Luño1, 1Hosp Gregorio Marañon, Nephrology, Madrid, SPAIN, 2Hosp Gregorio Marañon, Vascular Surgery, Madrid, SPAIN.

MP637  
FUNCTIONAL PROFILE, THROMBOSIS RATE AND ACCUMULATIVE PATENCY OF THIGH ARTERIOVENOUS GRAFTS FOR HEMODIALYSIS (HD): A FIVE-YEAR PROSPECTIVE STUDY  
Ramon Roca-Tey1, Román Martínez-Cercós2, Rosa Simam1, Omar Ibrikí3, Amparo Rosa3, Juan Carlos Gonzalez-Oliva3, Jordi Viladoms3, Jordi Calls3, 1Hosp Gregorio Marañón, Nephrology, Madrid, SPAIN, 2Hospital Gregorio Marañon, Nephrology, Madrid, SPAIN.

MP638  
COMPARISON OF UREA RECIRCULATION AND THERMODYNAMIC MONITOR TO VASCULAR ACCESS IN HEMODIALYSIS  
Almudena Vega, Soraya Abad, Inês Aragoncillo, Nicolás Macías, Isabel Galán, Santiago Cedeño, Alba Santos, Ana García-Prieto, Tania Linares, José Luño, Hosp General Univ Gregorio Marañón, Nephrology, Madrid, SPAIN.

MP639  
TUNNELED-CATHETER RELATED BACTEREMIA PREVENTIVE PROTOCOL: RESULTS ANALYSIS  
Carmen Gonzalez Corvillo, M. Angeles Rodriguez Perez, Alfonso Lara Ruiz, M. Jesus Moyano Franco, Ana Isabel Martínez Puerto, Jose Ramon Molas Coten, Mercedes Salgueira Lazo, HUV Macarena, Nephrology, Sevilla, SPAIN.

MP640  
PREDICTORS OF POOR VASCULAR ACCESS PATENCY AFTER ENDOVASCULAR THROMBECTOMY  
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MP641  
DRUG COATED BALLOONS REDUCE THE RISK OF RESTENOSIS IN HEMODIALYSIS PATIENTS WITH RECURRENT STENOSIS OF ARTERIOVENOUS FISTULA  
Chiara Somma1, Giuseppe Ferro1, Nunzia Paudice1, Nicola Troisi2, Pierfrancesco Frosoni2, Eugenio Romano2, Stefano Michelagnoli2, Pietro C. Dattol1, 1Santa Maria Annunziata Hosp, Dept Medicine, Nephrology and Dialysis Unit, Bagno a Ripoli, ITALY, 2San Giovanni di Dio Hosp, Dept Surgery, Vascular and Endovascular Surgery Unit, Florence, ITALY.

MP642  
INFLUENCE OF TRANSFORMING GROWTH FACTOR BETA (TGF-B) AND ENDOTHELIN-1 (ET-1) ON ARTERIOVENOUS FISTULA THROMBOSIS IN CHRONIC HEMODIALYSIS PATIENTS  
Aleksandar Jankovicki1, Petar Djuric1, Sanja Stankovic2, Jelena Tosi Dragovic1, Ana Bulatovic1, Vesna Radovic Mlasarevic1, Verica Todorov1, Nikola Simovic1, Milos Mitrovic1, Jovan Popovic1, Nada Dimkovic1,3, 1Zvezdara Univ Medical Center, Nephrology Dept, Belgrade, SERBIA, 2Clinical Center Serbia, Center Medical Biochemistry, Belgrade, SERBIA, 3Medical Fac, Internal Medicine, Belgrade, SERBIA.
Posters

MP643
ARE WE BUILDING TO MANY ARTERIOVENOUS FISTULA? FISTULA FIRST-THE DRAWBACKS
Carla L. Moreira, Vanda Teixeira, Lígia Bessa, José Queirós, Fernanda Silva, António Cabrita, Centro Hosp Porto, Nephrology, Porto, PORTUGAL.

MP644
60 MONTHS NATIVE VASCULAR ACCESS FOLLOW UP IN A SINGLE CENTRE
Paolo Ancarani1, Eugenio Devoto2, Teseo Stefaniini3, Marco Amidone1, Olga Terrile1, Antonella Matrisican1, Graziella Lenzora1, Sandro Scofferi1, Giovanni Dardano2, IHosp, Nephrology Unit, Sestri Levante, ITALY, 2Hosp, Surgery Unit, Lavagna, ITALY, 3Hosp, Radiology Unit, La Spezia, ITALY.

MP645
PREDICTORS OF ARTERIOVENOUS FISTULA MATURATION FROM THE STANDPOINT OF A NEPHROLOGIST - A RETROSPECTIVE ANALYSIS
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MP646
EARLY FAILURE AND PATENCY IN HEMODIALYSIS FISTULAS: PROGNOSTIC FACTORS
Jose Ibeas1, Rui Abreu2, Joaquim Vallespin3, Anna Alguersuari4, Jana Merino3, Angel Rodriguez-Jornet1, Sara Rioja3, E Criado4, Xavier Vinuesa1, Ruben Iglesias1, Montserrat Marcell1, Carmen Moys1, IPac Tauli Hosp Univ, Nephrology, Sabadell, Barcelona, SPAIN, 2Centro Hosp Trás-os-Montes e Alto Douro, Nephrology, Vila Real, PORTUGAL, 3IPac Tauli Hosp Univ, Vascular Surgery, Sabadell, Barcelona, SPAIN, 4IPac Tauli Hosp Univ, Interventional Radiology, Sabadell, Barcelona, SPAIN.

MP647
CANNULATION OF ARTERIOVENOUS FISTULA FOR HEAMODIALYSIS WUTH “ANGIOCATH”: A VALID ALTERNATIVE TO STANDARD NEEDLES
Luca Caserta, José L. Merino Rivas, Beatriz Martín González, Veronica Sanchez Rodrigo, Marta Hernaiz Fafila, Alicia Gomez Gomez, Hosp del Harenaes, Dialysis, Madrid, SPAIN.

MP648
VASCULAR ACCESS AND RISK FACTORS FOR HOSPITALIZATION IN HAEMODIALYSIS PATIENTS
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MP649
VASCULAR ACCESS FAILURE: IS IT IMPORTANT TO CLASSIFY?
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MP650
A RANDOMISED CONTROL TRIAL TO EVALUATE EFFECTIVENESS OF AN INTERVENTION PACKAGE ON INTERNAL JUGULAR VEIN CATHETER RELATED INFECTION AMONGST THE PATIENTS UNDERGOING HEMODIALYSIS, PGIMER, CHANDIGARH
Geetanjali Loomba1,2, Manju Dhandapani2, Raja Ramachandran1, Sukhpal Kaur2, 1Post Graduate Inst Medical Education and Research, Dept Nephrology, Chandigarh, INDIA, 2Post Graduate Inst Medical Education and Research, National Inst Nursing Education, Chandigarh, INDIA.

MP651
A PROSPECTIVE RANDOMIZED CROSS-OVER STUDY COMPARING TWO LOCK SOLUTIONS USED ON TUNNELLED CENTRAL VENOUS CATHETERS OF HEMODIALYSIS: CITRATE PLUS ONCE A WEEK ADMINISTRATION OF RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR VERSUS CITRATE ALONE
Rita Magrico1, José P. Santos1, Susana Colaço1, Sara Dias2,3, Aura Ramos1, IHosp Garcia de Orta, Nephrology, Almada, PORTUGAL, 2UIS- Unidade Investigação Saúde, Escola Superior Saúde Leiria Inst Politécnico Leiria, Leiria, PORTUGAL, 3Epidoc unit; CEDOC, NOVA Medical School Univ Nova Lisboa, Lisboa, PORTUGAL.

MP652
TUNNELED HEMODIALYSIS CATHETERS - THE DEVIL IS NOT SO BLACK AS HE IS PAINTED
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MP653
ELIZABETHKINGIA MENINGOSEPTICA OUTBREAK IN ADULT HEMODIALYSIS UNIT - OUTBREAK INVESTIGATION AND INTERVENTION ANALYSIS
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MP654
INCIDENCE OF TUNNELED CUFFED VASCULAR CATHETERS INFECTION IN DIABETICS ON HEMODIALYSIS
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MP655
COLOR DOPPLER ULTRASOUND ASSESSMENT OF JUXTA-ANASTOMOTIC STENOSIS IN RADIOCEPHALIC ARTERIOVENOUS FISTULAS: ENDOVASCULAR OR SURGICAL APPROACH
Ana Pimentel1, Paulo Almeida2, Norton de Matos2, Luis Loureiro2, Gabriela Teixeira2, Duarte Rego2, Sérgio Teixeira2, Joaquim Pinheiro3, Isabel Fonseca4, Telmo Carvalho5, José Queirós3, 1Centro Hosp Algarve, Nephrology, Faro, PORTUGAL, 2Grupo Estudos Vasculares (GEV), Porto, PORTUGAL, 3Nephrocure, Vascular Access Centre, Porto, PORTUGAL, 4Inst Saúde Publica Univ Porto, Higiene and Epidemiology (EPI) Dept, Porto, PORTUGAL.

MP656
ADPKD AND VASCULAR ACCESS FAILURE. AN INSIDIOUS LINK TO BE DETECTED AND REMEMBERED
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MP657
EFFECTS OF VASCULAR REEFING SURGERY ON EXCESSIVE BLOOD FLOW AT HEMODIALYSIS ACCESS VESSELS UNDER DOPPLER ULTRASONOGRAPHY MONITORING
Katsunori Miyake1, Naoko Isogai1, Jun Kawach1, Rai Shimoyama1, Kazuhiko Shibata2, Hidemitsu Ogino1, Shuzo Kobayashi3. 1Shonan Kamakura General Hosp, Vascular Access Center, Kamakura, JAPAN, 2Yokohama Mimami Clinic, Hemodialysis Unit, Yokohama, JAPAN, 3Shonan Kamakura General Hosp, Kidney Center, Kamakura, JAPAN.

MP658
THROMBOPHILIA IN HEMODIALYSIS PATIENTS LIVING IN THE NORTHERN REGION OF THE RUSSIAN FEDERATION
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MP659
AN EXTERNAL VALIDATION OF FAILURE TO MATURATION RISK EQUATION IN PRIMARY ARTERIOVENOUS FISTULAS IN MULTIETHNIC ASIAN HEMODIALYSIS PATIENTS
Kian Guan Lee1, Ru Yu Tan1, Suh Chien Pang1, Huihua Li2, Nicolette Goh3, Shaam Achudan4, Yi Liang Tan4, Hui Ling Choong5, Chieh Suai Tan1, Tze Tec Chong5, 1Singapore General Hosp, Renal Medicine, Singapore, SINGAPORE, 2Singapore General Hosp, Health Services Research Unit, Singapore, SINGAPORE, 3Yong Loo Lin School Medicine, Singapore, SINGAPORE, 4Yong Loo Lin School Medicine, National Univ Singapore, Singapore, SINGAPORE, 5Singapore General Hosp, Vascular Surgery, Singapore, SINGAPORE.

MP660
A PREDICTOR SCORING SYSTEM FOR PRIMARY ARTERIOVENOUS FISTULA SUCCESS IN MULTIETHNIC ASIAN HEMODIALYSIS PATIENTS
Kian Guan Lee1, Ru Yu Tan1, Suh Chien Pang1, Huihua Li2, Nicolette Goh3, Shaam Achudan3, Yi Liang Tan3, Hui Lin Choong1, Chieh Suai Tan1, Tze Tec Chong4, 1Singapore General Hosp, Renal Medicine, Singapore, SINGAPORE, 2Singapore General Hosp, Health Services Research Unit, Singapore, SINGAPORE, 3Yong Loo Lin School Medicine, National Univ Singapore, Singapore, SINGAPORE, 4Singapore General Hosp, Vascular Surgery, Singapore, SINGAPORE.

MP661
ARTERIOVENOUS FISTULA AND ARTERIOVENOUS GRAFT FOR VASCULAR ACCESS IN HAEMODIALYSIS - A RETROSPECTIVE COHORT STUDY
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MP662
A SINGLE CENTER’S EXPERIENCE OF VASCULAR ACCESS MONITORING BY HEMODILUTION METHOD
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MP663
PREDICTIVE FACTORS IN ELDERLY FOR FISTULA CREATION: ULTRASOUND ROLE
Jose Ibeas1, Rui Abreu2, Joaquim Vallespin3, Sara Rioja4, Jana Merino3, Angel Rodriguez-Jornet1, Anna Alguersuari4, Xavier Vinuesa1, Nuria Cordoba3, Eva Criado1, 1Parc Tauli Hosp Univ, Nephrology, Sabadell, Barcelona, SPAIN, 2Centre Hosp Trás-os-Montes e Alto Douro, Nephrology, Vila Real, PORTUGAL, 3Parc Tauli Hosp Univ, Vascular Surgery, Sabadell, Barcelona, SPAIN, 4Parc Tauli Hosp Univ, Interventional Radiology, Sabadell, Barcelona, SPAIN.
DIALYSIS - BONE DISEASE

MP664
ASSESSMENT OF SECONDARY HYPERPARATHYROIDISM IN HEMODIALYSIS PATIENTS BY USING VIRTUAL TOUCH IMAGING QUANTIFICATION
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MP665
DENOSUMAB FOR FEMALE HEMODIALYSIS PATIENTS WITH LOW BONE MINERAL DENSITY, A CASE CONTROL STUDY FOR TWO YEARS
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SNF472 A NOVEL INHIBITOR OF VASCULAR CALCIFICATION COULD BE ADMINISTERED DURING HEMODIALYSIS TO ATTAIN POTENTIALLY THERAPEUTIC PHYTATE LEVELS
Joan Perelló1, Miquel Gómez2, Miguel D. Ferrer1, Néstor Y. Rodríguez2, Carolina Salcedo1, Juan M. Buades3, María M. Pérez1, Eva Martín4, Francesc Maduell2, 1Lab Sanifit, R&D, Palma, SPAIN, 2Hospital Clinic, Nephrology and Renal Transplantation, Barcelona, SPAIN, 3Hospital Son Llàtzer, Nephrology Service, Palma, SPAIN, 4Kinrel, Madrid, SPAIN.

MP667
PRECLINICAL AND CLINICAL VALIDATION OF A NOVEL PHARMACODYNAMIC ASSAY TO EVALUATE THE EFFECT OF CALCIIFICATION INHIBITORS ON CALCIUM PHOSPHATE CRYSTALLIZATION IN PLASMA
Miguel D. Ferrer1, Maria M. Pérez1, Marta Lazo2, Elisenda Barón2, Josep M. Campistol2, Raquel Ojeda2, Pieter H. Joubert1, Marta Arias2, Ana Z. Canals1, Joan V. Torregrosa2, Francesc Maduell2, Carolina Salcedo1, Joan Perelló1, 1Lab Sanifit, R&D, Palma de Mallorca, SPAIN, 2Hospital Clinic, Nephrology and Renal Transplantation, Barcelona, SPAIN.

MP668
30 MONTHS-EXPERIENCE ON DENOSUMAB IN OSTEOPOROTIC HEMODIALYSED PATIENTS
Alessandra Moioli1, Claudia Fofi1, Simona Barberi1, Giulia Fiorini2, Luca Barbato2, Giuseppe Argento2, Maryam Tayefeh Jafari1, Giorgio Punzo1, Paolo Men1, Francescaromana Festuccia1, 1Sapienza Univ, Dept Clinical and Molecular Medicine, Div Nephrology, Rome, ITALY, 2Sapienza Univ, Dept Radiology, Rome, ITALY.

MP669
IRON SUPPLEMENTATION SUPPRESSES PARATHYROID HORMONE PRODUCTION BY MODULATION OF ROS/P38, PROLIFERATION AND APOPTOSIS SIGNALING PATHWAYS IN ESRD PATIENTS
Yu-Juei Hsu1, Shih-Ming Huang2, Shu-Ting Liu2, Pauling Chu1, 1Tri-Service General Hosp, Div Nephrology, Dept Medicine, Taipei, TAIWAN, 2National Defense Medical Center, Dept Biochemistry, Taipei, TAIWAN.

MP670
CIGARETTE SMOKING IS ASSOCIATED WITH DECREASED BGP LEVELS IN HEMODIALYSIS PATIENTS
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MP671
OUTFLOW OF INTRACELLULAR FLUID AND VOLUME REDUCTION OF RED BLOOD CELL DURING HEMODIALYSIS
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MP672
ROLE OF PARATHYROIDECTOMY IN ACHIEVING THERAPEUTIC TARGETS IN DIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM
Jianrong Zhang, Yanqiu Geng, General Hosp Chinese People’s Armed Police Forces, Nephrology, Beijing, CHINA.
Posters

MP673  Efficacy and Safety of Iron-Based Phosphate Binders, Ferric Citrate Hydrate Versus Sucroferric Oxihydroxide, on Hyperphosphatemia in Chronic Hemodialysis Patients
Hiroyuki Matsushima1, Tomoo Yasuda2, Atsushi Oyama3, Masahiro Miyata4, 1Matsushima Clinic, Nephrology, Kobe, JAPAN, 2Matsushima Clinic, Clinical Engineer, Kobe, JAPAN, 3Nishikobe Medical Center, Nephrology, Kobe, JAPAN, 4Osaka Electro-Communication Univ, Biomedical Engineering, Osaka, JAPAN.

MP674  Lower TRACP-5b Due to Calcium Overload is Associated with Higher Mortality in Maintenance Hemodialysis Patients
Chiaki Kawabata1, Hirota Tomoka1, Takahiro Wada1, Yuichiro Takahashi2, Juichi Abe3, Toru Hyodo4, Miho Hida5, Takao Sugai6, Masafumi Fukagawa1, 1Tokai Univ School Medicine, Div Nephrology, Nephrology and Metabolism, Ishihara, JAPAN, 2Jinken Clinic, Dialysis, Ebina, JAPAN, 3Chigasaki Central Clinic, Dialysis, Chigasaki, JAPAN, 4Eijin Clinic, Dialysis, Hiratsuka, JAPAN, 5Medical Corporation Kuratakai, Dialysis, Hiratsuka, JAPAN, 6Medical Corporation Showakai, Dialysis, Tokyo, JAPAN.

MP675  The Effect of PA21 on Serum FGF23 Levels in Hemodialysis Patients
CHIKAKO MONDEN1, Takayuki Hamano2, Kazuyuki Monden1, Yosshita Isaka3, 1Kisei Hospital, Internal Medicine, Osaka, JAPAN, 2Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease, Suita, JAPAN, 3Osaka Univ Graduate School Medicine, Nephrology, Suita, JAPAN.

MP676  Effect of Ferric Citrate Hydrate on Fibroblast Growth Factor 23 in Patients Undergoing Hemodialysis
Tomoyasu Otsuki, Kei Utsumi, Masari Moriuchi, Masahiro Okamura, Hiroko Suzuki, Osamu Okawa, Kazuyoshi Okada, Masanori Abe, Nihon Univ School Medicine, Div Nephrology, Hypertension and Endocrinology, Dept Internal Medicine, Tokyo, JAPAN.

MP677  Effect of Sucroferric Oxihydroxide on Fibroblast Growth Factor 23 in Patients Undergoing Hemodialysis
Tomoyasu Otsuki, Kei Utsumi, Masari Moriuchi, Masahiro Okamura, Hiroko Suzuki, Osamu Okawa, Kazuyoshi Okada, Masanori Abe, Nihon Univ School Medicine, Div Nephrology, Hypertension and Endocrinology, Dept Internal Medicine, Tokyo, JAPAN.

MP678  Relationship Between Plasma Levels of Sclerostin and Markers of Bone Turnover in Hemodialysis Patients with CKD
Barbara Pietrzyk1, Katarzyna Wyskida1, Jaroslaw Wajda2, Dariusz Klein3, Joanna Witkowiacz4, Rafał Ficke5, Sylwia Rotkegel6, Urszula Sepiochowicz-Zatów7, Joanna Kocemba-Dyczek8, Jaroslaw Ciepala9, Andrzej Więcek10, Magdalena Olszanecka-Glinianowicz10, Jerzy Chudek1, 1Medical Univ Silesia, Dept Pathophysiology, Katowice, POLAND, 2Regional Specialist Hosp No. 3 Rybnik, Dialysis Center Rybnik, Rybnik, POLAND, 3Centrum Dializa Sosnowiec, Dialysis Center Tychy, Dialysis Center Pszczyna, Tychy, POLAND, 4Nefrolux, Dialysis Center Siemianowice Śląskie, Siemianowice Śląskie, POLAND, 5Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, POLAND, 6Centrum Dializa Sosnowiec, Dialysis Center Katowice, Katowice, POLAND, 7Centrum Dializa Sosnowiec, Dialysis Center Chorzów, Chorzów, POLAND, 8Centrum Dializa Sosnowiec, Dialysis Center Zory, Dialysis Center Wodzisław Śląski, Zory, Wodzisław Śląski, POLAND, 9Centrum Dializa Sosnowiec, Dialysis Center Sosnowiec, Sosnowiec, POLAND, 10Medical Univ Silesia, Dept Pathophysiology, Tychy, POLAND.

MP679  Adherence to Phosphate Binders (PB) in Hemodialysis (HD) Patients: Paradoxical Impact of Daily Dosage (National Survey of 1,290 HD Patients)
David Attal1, Charles Chazot2, Mimi Karche3, 1Nephrocare, Nephrology Dialysis, Paris, FRANCE, 2Nephrocare, Nephrology Dialysis, Tassin La Demi-Lune, FRANCE, 3Nephrocare, Nephrology Dialysis, Etampes, FRANCE.

MP680  The Effect of Vitamin D Supplementation on Response to Hepatitis B Vaccination in Dialysis Patients - An Open Label Pilot Study
Hildegard Hafner-Giessauf1, Sabine Horn1, Hannelore Sprenger-Maehr2, Kathrin Eller1, Alexander Rosenkranz1, Emanuel Zitt3, Karl Lhotta3, 1Medical Univ Graz, Nephrology, Graz, AUSTRIA, 2Feldkirch Academic Teaching Hosp, Nephrology and Hemodialysis, Feldkirch, AUSTRIA, 3Feldkirch Academic Teaching Hosp, Nephrology and Dialysis, Feldkirch, AUSTRIA.
MP681
ANALYSIS OF THE KINETICS OF THE PARATHYROID HORMONE AND OF ASSOCIATED PATIENT OUTCOMES, IN A COHORT OF HAEMODIALYSIS PATIENTS
Guillaume Jean1, Charles Chazot2, Patrik Deleaval2, 1 Nephrocare Tassin Charcot, Dialysis, Sainte Foy-les-Lyon, FRANCE, 2Nephrocare Tassin-Charcot, Néphrologie, Sainte Foy-les-Lyon, FRANCE.

MP682
PARATHYROIDECTOMY LONGTERM HARD AND SURROGATE OUTCOMES IN MATCHED GROUPS
Roman Gerasimchuk1, Alexander Zemchenkov1,2, Alexander Rumyantsev3,4, 1North-Western State Medical Univ n.a.I.I.Mechnikov, Internal Diseases and Nephrology Chair, Saint-Petersburg, RUSSIAN FEDERATION, 2First Saint-Petersburg State Medical Univ n.a.I.P.Pavlov, Nephrology and Dialysis Chair, Saint-Petersburg, RUSSIAN FEDERATION, 3Saint-Petersburg State Univ, Fac Therapy Chair, Saint-Petersburg, RUSSIAN FEDERATION, 4First Saint-Petersburg State Medical Univ n.a.I.P.Pavlov, Propedeutics Internal Diseases Chair, Saint-Petersburg, RUSSIAN FEDERATION.

MP683
LOW PREVALENCE OF VALVULAR CALCIFICATION IN HEMODIALYSIS PATIENTS UNDERGOING PARATHYROIDECTOMY
Carlo Lomonte, Francesco Casucci, Pasquale Libutti, Piero Lisi, Luigi Rossi, Annalisa Teutonico, Carlo Basile, Miulli General Hosp, Nephrology, Acquaviva delle Fonti, ITALY.

MP684
EFFECT OF A SINGLE DIALYSIS SESSION ON FGF23 LEVELS
Vishal Dey1, Kate Stevens2, Dianne Hillyard2, Alan Jardine2, Elaine Spalding1, 1Univ Hosp Crosshouse, Renal Medicine, Kilmarnock, UK, 2Univ Glasgow, Cardiovascular and Medical Sciences, Glasgow, UK.

MP685
EFFICACY AND SAFETY OF SUCROFERRIC OXYHYDROXIDE IN HAEMODIALYSIS PATIENTS WITH MINERAL BONE DISEASE
Ioannis Griveas1,2, Panagiotis Sitaras2, Christos Andriopoulos3, Maro Aktsiali2, 1Nimts, Nephrology Dept, Chalandri, Athens, GREECE, 2Private Dialysis Unit Nefroiatriki, Dialysis Unit, Metamorphosi, Athens, GREECE, 3Private Dialysis Unit Nefroiatriki, Nephrology, Metamorphosi, Athens, GREECE.

MP686
BONE METABOLISM DISORDERS AND CARDIOVASCULAR MORTALITY BETWEEN 2004 AND 2014
Najla Dammak, Khawla Kammoun, Hanene Chaker, Salma Toumi, Dorra Zalila, Yosr Chaabouni, Faical Jarraja, Hichem Mahfoudh, Mahmoud Kharrat, Soumaya Yaich, Mohamed Ben Hmida, Jamil Hachicha, Hedi Chaker Hosp, Nephrology, Sfax, TUNISIA.

MP687
ALKALOSIS AND DIALYTIC CLEARANCE OF PHOSPHATE INCREASES PHOSPHATASE ACTIVITY: A HIDDEN CONSEQUENCE OF HEMODIALYSIS
Ricardo Villa-Bellosta1, Emilio Gonzalez-Parra2, Jesus Egido2, IIIS-FJD, Renal Div, Madrid, SPAIN, IIIS-FJD-UAM, Renal Div, Madrid, SPAIN.

MP688
COMPARISON OF TWO DIETS WITH DIFFERENT PHOSPHORUS CONTENTS AND BIOAVAILABILITY ON SERUM PHOSPHATE LEVELS IN HAEMODIALYSIS PATIENTS
Fiona Byrne1,2,3, Barbara Gillman4, Birgitta M. Gleeson5, Geraldine Scannell3, Eva Long1, Joseph A. Eustace3,1, 1Cork Univ Hosp, Dept Renal Medicine, Cork, IRELAND, 2Cork Univ Hosp, Dept Clinical Nutrition & Dietetics, Cork, IRELAND, 3Cork University Cork, HRB Clinical Research Facility Cork, Cork, IRELAND, 4Mater Misericordiae Univ Hosp, Dept Clinical Nutrition & Dietetics, Dublin, IRELAND.

MP689
THE RELATIONSHIP BETWEEN SERUM LEPTIN LEVELS AND BONE METABOLIC MARKERS IN PATIENTS ON HEMODIALYSIS
Anela Subo1, Nesina Avdagic2, Amelia Dervisovic2, Halima Resic3, Alma Mutvelic-Turkovic2, Almir Fajkic4, Amila Hadzic5, General Hosp Prim.dr. Abdullah Nakaš, Dept Internal Medicine, Sarajevo, BOSNIA AND HERZEGOVINA, 2Fac Medicine, Univ Sarajevo, Dept Human Physiology, Sarajevo, BOSNIA AND HERZEGOVINA, 2Fac Medicine, Univ Sarajevo, Dept Human Physiology, Sarajevo, BOSNIA AND HERZEGOVINA, 3Univ Clinical Centre, Clinic Hemodialysis, Sarajevo, BOSNIA AND HERZEGOVINA, 4Fac Medicine, Univ Sarajevo, Dept Pathophysiology, Sarajevo, BOSNIA AND HERZEGOVINA, 5Fac Medicine, Univ Sarajevo, Dept Biochemistry, Sarajevo, BOSNIA AND HERZEGOVINA.
MP690  
SERUM PHOSPHATE MODIFICATIONS ARE ASSOCIATED WITH CHANGES IN SERUM FGF23 AND C-REACTIVE PROTEIN  
Cristian Rodelo-Haad1,2, Maria E Rodriguez-Ortiz3, Alejandro Martin-Malo1, M Victoria Pendon-Ruiz de Mier1,2, Maria L Agüera-Morales1, Juan R Muñoz-Castañeda2, Sagario Soriano1, Maria A Alvarez-Lara1, Pedro Aljama1, Mariano Rodriguez1, 1Reina Sofia Univ Hosp, Nephrology, Cordoba, SPAIN, 2Maimonides Biomedical Research Inst Cordoba (IMBIC)/Reina Sofia Univ Hosp/ Univ Cordoba, Nephrology, Cordoba, SPAIN, 3Lab Nephrology, IIS-Fundación Jiménez Díaz, Nephrology, SPAIN.

MP691  
IRON-BASED PHOSPHATE BINDERS IN ON-LINE HEMODIAFILTRATION PATIENTS - A PORTUGUESE EXPERIENCE  
Aníbal Ferreira1, Bruno Pinto2, David Navarro1, João Aniceto3, Pedro Neves4, Pedro Ponce5, 1NephroCare Vila Franca de Xira, Vila Franca de Xira, PORTUGAL, 2NephroCare Portugal, Nursing Dept, Lisbon, PORTUGAL, 3NephroCare Évora, Évora, PORTUGAL, 4NephroCare Faro, Faro, PORTUGAL, 5NephroCare Portugal, Country Medical Director, Lisbon, PORTUGAL.

MP692  
ELEVATED FGF23-LEVELS IN DIALYSIS PATIENTS TREATED WITH ALUMINUM BASED PHOSPHATE BINDERS  
Bettina Lütke1, Martin Pachmann2, Corina Troeger2, Ulrike S. Belschner3, Christina Dengler3, Michael Fischereider4, 1Klinikum der LMU, Medizinische Klinik und Poliklinik IV, Munich, GERMANY, 2Nephrocare GmbH, DiZ München, Munich, GERMANY, 3Klinikum der LMU, Medizinische Klinik IV, Munich, GERMANY, 4Klinikum der LMU, Nephrology, Munich, GERMANY.

MP693  
IS THERE A TREATMENT DIFFERENCE OF MINERAL BONE DISEASE AMONG SURVIVALS VERSUS NON-SURVIVALS IN CHRONIC DIALYSIS PATIENT (NATIONAL-WIDE STUDY)?  
Lidmila Francova1, Aneta Hybsova2, Ivan Zahradka1, Sylvie Dusilova Sulkov3, Sylvie Opatrna4, Vladimir Tesar5, Ivan Rychlik1, 1Charles Univ, Third Fac Medicine, Prague, CZECH REPUBLIC, 2Charles Univ, Fac Education, Prague, CZECH REPUBLIC, 3Charles Univ, Fac Medicine, Hradec Kralove, CZECH REPUBLIC, 4Charles Univ, Fac Medicine, Plzen, CZECH REPUBLIC, 5Charles Univ, First Fac Medicine, Prague, CZECH REPUBLIC.

MP694  
INCREASED SERUM LEPTIN LEVEL PREDICTS BONE MINERAL DENSITY IN HEMODIALYSIS PATIENTS  
Chiu-Huang Kuo, Ru-Jiang Syu, Chih-Hsien Wang, Bang-Gee Hsu, Buddhist Tzu Chi General Hosp, Div Nephrology, Huaiian, TAIWAN.

MP695  
THE PHOSPHATE INTAKE OF HAEMODIALYSIS PATIENTS IN A METROPOLITAN CITY OF CHINA  
Pearl Pui1,2, Hong-Xia Sui3, Gang Wang3, Cui-Yu Wang3, Shu-Xin Zhang3, Lin Shu4, 1Univ Hong Kong-Queen Mary Hosp, Dept Medicine, Hong Kong, HONG KONG, 2Univ Hong Kong-Shenzhen Hosp, Medicine, Shenzhen, CHINA, 3Univ Hong Kong-Shenzhen Hosp, Nephrology, Shenzhen, CHINA, 4Univ Hong Kong-Shenzhen Hosp, Dietetic, Shenzhen, CHINA.

MP696  
INTRAVENTOUS PARICALCITOL, ORAL CINACALCET OR COMBINATION OF BOTH AGENTS - EFFECTIVENESS OF DIFFERENT STRATEGIES OF SECONDARY HYPERPARATHYROIDISM TREATMENT IN HEMODIALYZED PATIENTS  
Jacek Zawierucha1, Jolanta Małyszko2, Jacek Małyszko3, Tomasz Prystacki4, Wojciech Marcinkowski4, Teresa Dryl-Rydzynska1, 1Fresenius Medical Care Polska S.A., Poznan, POLAND, 2Medical Univ Białystok, Second Dept Nephrology and Hypertension with Dialysis Unit, Białystok, POLAND, 3Medical Univ Białystok, Dept Nephrology with Dialysis Unit, Białystok, POLAND, 4Fresenius Nephrocare Polska sp. z o.o., Poznan, POLAND.

MP697  
INTENSITY OF PAIN SYNDROME IN PATIENTS WITH SECONDARY HYPERPARATHYROIDISM ON PROGRAM HEMODIALYSIS IN VARIOUS AGE GROUPS  
Renata Vakhitova1, Evgenia Acel2, Milyausha Khasanova3, Olga Radchenko4, Vladimir Damoecev1, 1Kazan Federal Univ, Nephrology, Kazan, RUSSIAN FEDERATION, 2Kazan State Medical Academy, Family Medicine, Kazan, RUSSIAN FEDERATION, 3Kazan Federal Univ, Medical Diseases, Kazan, RUSSIAN FEDERATION, 4Kazan State Medical Univ, Workplace Hygiene, Kazan, RUSSIAN FEDERATION.

MP698  
THE IMPACT OF HCV ON BONE DISEASE IN HEMODIALYSIS PATIENTS IMPACT OF HEPATITIS C VIRUS ON BONE DISEASE IN HEMODIALYSIS PATIENTS IMPACT OF HEPATITIS C VIRUS ON BONE DISEASE IN HEMODIALYSIS PATIENTS  
Magdy M. S. ElSharkawy1, Yasser A. Soliman2, Howayda A. ElShennawy2, Sahar Shawky2, Mahmoud Montaser2, 1Ain-Shams Univ, Int. Medicine & Nephrology, Cairo, EGYPT, 2Ain-Shams Univ, Nephrology, Cairo, EGYPT.
Posters

MP699
CHOLECALCIFEROL SUPPLEMENTATION FOR VITAMIN D DEFICIENCY ON DIALYSIS PATIENTS
Rosario Luxardo, Edwin Ramirez, Tomas Fescina, Mariela Bedini Roca, Soledad Crucelegui, Guillermo Rosa Diez, Hosp Italiano Buenos Aires, Nephrology, Buenos Aires, ARGENTINA.

MP700
MUSCULOSKELETAL MANIFESTATIONS IN HEMODIALYSIS PATIENTS AND ASSOCIATED FACTORS
Sandrine Hage1, Valerie Hage2, Nathalie Khoury3, Hiba Azar4, Nelly Ziade3, Dania Chelala4, 1Hotel Dieu de France, Medicine, Beyrouth, LEBANON, 2Centre Hosp Bhannes, Nephrology, Bhannes, LEBANON, 3Hotel Dieu de France, Rheumatology, Beyrouth, LEBANON, 4Hotel Dieu de France, Nephrology, Beyrouth, LEBANON.

MP701
BONE MINERAL DENSITY AND CHRONIC INFLAMMATION IN HEMODIALYSIS PATIENTS
Olga Domashenko1, Konstantin Vishnevskii1,2, 1St.-Petersburg State Healthcare Institution City Hosp № 15, Dialysis Dept, St.-Petersburg, RUSSIAN FEDERATION, 2First Pavlov State Medical Univ, Propedeutics Internal Diseases Chair, St.-Petersburg, RUSSIAN FEDERATION.
DIALYSIS - EPIDEMIOLOGY & OUTCOME II

MP702
SERUM CHROMIUM LEVEL IN CHRONIC HEMODIALYSIS PATIENTS ASSOCIATES WITH DIALYSIS VINTAGE
Leonid Feldman1,2, Ilia Beberashvili1,2, Ramzia Abu Hamad1,2, Walter Wasser3, Oleg Gorelik1,2, Shai Efrati1,2, 1As-
saf Harofeh Medical Center, Nephrology Dept, Zerifin, ISRAEL, 2Tel Aviv Univ, Sackler School Medicine, Tel Aviv, ISRAEL, 3Mayanei Ha’Eshuva Medical Center, Nephrology Dept, Bnei Brak, ISRAEL.

MP703
MINERAL AND BONE DISEASE PARAMETERS ON HOME HEMODIALYSIS WITH THE NXSTAGE SYSTEM ONE
Maria Slon1, Maxence Ficheux2, Hafedh Fessi3, Roberto Corciulo4, Giacomo Colussi5, Maria Baj6, Natalie Borman7, Sunita Nair8, Eric Goffin9, 1Hosp Navarra, Servicio Nefrologia, Pamplona, SPAIN, 2Centre Hosp Univ Caen, Néphrologie, Caen, FRANCE, 3Hospital Tenon, Néphrologie et Dialyse, Paris, FRANCE, 4Univ Bari, Section Nephrology and Dialysis, Bari, ITALY, 5Niguarda Hosp, Nefrologia - Centro Trapianti Rene, Milano, ITALY, 6Hosp Univ La Paz, Servicio Nefrologia, Madrid, SPAIN, 7Queen Alexandra Hosp, Wessex Renal and Transplantation Unit, Portsmouth, UK, 8Royal Shrewsbury Hosp, Renal Unit, Shrewsbury, UK, 9Cliniques Univ Saint-Luc, Néphrologie, Brussels, BELGIUM.

MP704
REGIONAL DIFFERENCES IN THE ASSOCIATIONS BETWEEN PRESCRIBED DIALYSATE SODIUM CONCENTRA-
TION AND INTERDIALYTIC WEIGHT GAIN IN THE DIALYSIS OUTCOMES AND PRACTICE PATTERNS STUDY: A CALL FOR QUALITY ASSURANCE?
Manfred Hecking1, Michelle M.Y. Wong2, Friedrich Port3, Bruce Robinson3, Keith McCullough3, 1Medical Univ Vienna, Nephrology, Vienna, AUSTRIA, 2Univ British Columbia, Medicine, Vancouver, BC, CANADA, 3Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI.

MP705
ASSOCIATION BETWEEN SEASONALITY ALBUMIN LEVELS AND INFLAMMATION IN HEMODIALYSIS PAT-
ENTS
Hanjie Zhang1, Lili Chan2, Franklin Maddux3, Yuedong Wang4, Peter Kotanko1,2, 1Renal Research Inst, Research, New York, NY, 2cahn School Medicine Mount Sinai, Nephrology, New York, NY, 3Fresenius Medical Care North America, Chief Medical Office, Waltham, MA, 4Univ California Santa Barbara, Statistics, Santa Barbara, CA.

MP706
TIMING AND PARAMETER FOR RENAL REPLACEMENT THERAPY INITIATION IN CRITICALLY ILL PATIENTS
WITH ACUTE KIDNEY INJURY
Ranistha Ratanarat1, Nicha Panyavachiraporn2, Bongkod Surattichaiyakul2, 1Fac Medicine Siriraj Hosp, Dept Mediine, Bangkok, THAILAND, 2Fac Medicine Siriraj Hosp, Dept Medicine, Bangkok, THAILAND.

MP707
SURVIVAL OUTCOMES OF INCIDENT ELDERLY HEMODIALYSIS PATIENTS: PROVIDING PROGNOSIS FOR DE-
CISION MAKING IN GERIATIC NEPHROLOGY
Nuno Moreira Fonseca, Ariana Azevedo, Ana Carina Ferreira, Cecilia Silva, Vasco Fernandes, João Sousa, Aníbal Fer-
reira, Fernando Nolasco, Centro Hosp Lisboa Central, Nephrology Dept, Lisbon, PORTUGAL.

MP708
UNDERESTIMATION OF SERUM/PLASMA ALBUMIN IN HAEMODIALYSIS PATIENTS BY CHANGING THE
BROMCRESOL GREEN METHOD TO THE BROMCRESOL PURPLE METHOD
Sina Portz1, Aline Schindler2, Andreas Nockher1, Harald Renz1, Hans Guenther Wahl1,2, 1Philipps Univ Marburg, Inst Lab Medicine and Pathobiocchemistry, Molecular Diagnostics, Marburg, GERMANY, 2Medizinisches Labor Wahl, Lab Medicine, Luedenscheid, GERMANY.

MP709
COMPARISON OF POTASSIUM VALUES BEFORE AND AFTER PATIROMER INITIATION AMONG PATIENTS RE-
CEIVING CHRONIC HEMODIALYSIS IN THE UNITED STATES
Christopher G. Rowan1, Csaba P. Kovessy2, Charles Du Mond3, Nina Ostreicher3,4, David M. Spiegel5, Wolfgang C. Winkelmayer5, ICOHRDATA, Research, Santa Monica, CA, 2Univ Tennessee Health Science Center, Medicine, Memphis, TN, 3Elypsa, Inc, a Vifor Pharma Company, Redwood City, CA, 4UCSF, Clinical Pharmacy, San Francisco, CA, 5Baylor College Medicine, Medicine-Nephrology, Houston, TX.

MP710
ENHO, RXRA, AND LXRA POLYMORPHISMS AND DYSLIPIDEMIA, RELATED COMORBIDITIES AND SURVIVAL
IN HEMODIALYSIS PATIENTS
Alicja E. Grzegorzewska1, Leszek Niepolski2, Monika Świderska3, Adrianna Mostowska4, Ireneusz Stolarek5, Marek Figlerowicz5, Pawel P. Jagodziński4, 1Poznań Univ Medical Sciences (PUMS), Dept Nephrology, Poznań, POLAND, 2B.Braun Avitum Poland, Dialysis Center, Nowy Tomyśl, POLAND, 3PUMS, Dept Nephrology, Poznań, POLAND, 4PUMS, Dept Molecular Biology, Poznań, POLAND, 5Polish Academy Sciences, Inst Bioorganic Chemistry, Poznań, POLAND.
MP711 Hepatitis B Vaccination Response: Does Hemodialysis Start Time Matter?  
Maggie Han1, Sharon Rao2, Schanelt Williams1, Stephan Thijsen1, Jeffrey Hymes3, Franklin Maddux3, Peter Kortanko1,4, 1Renal Research Institute, Research, New York, NY, 2Univ Alberta, Biology, Edmonton, AB, CANADA, 3Fre-  
senius Medical Care North America, Chief Medical Office, Waltham, MA, 4Icahn School Medicine, Nephrology, New York, NY.

MP712 The Effect of Fluid Overload, Assessed by Bioimpedance Spectroscopy and Serum N-Termi-  
nal Pro-B-Type Natriuretic Peptide, on Mortality in Hemodialysis Patients  
Dimitri-Cristian Siroiopol1, Ianis Siroiopol2, Luminita Voroneanu1, Simona Hogas1, Adrian Covici1, 1Gr. T. Popa Univ Medicine and Pharmacy, Nephrology, Iasi, ROMANIA, 2Gr. T. Popa Univ Medicine and Pharmacy, Intensive Care, Iasi,  
ROMANIA.

MP713 The Incidence of Intradialytic Hypotension Under Different Diagnostic Criteria and the  
Association With Mortality  
Zhiyu Wang, Zihui Chen, Zuanhong Jiang, Xiaobo Ma, Chunli Zhang, Ying Qian, Haijin Yu, Xiaonong Chen, Shanghai  
Ruijin Hosp, Renal Div, Shanghai, CHINA.

MP714 Quality of Life Changes and Peritoneal Membrane Features According to Double mini-PET  
Alexander Zemchenkov1,2,3, Anastasia Sabodash2,4, Salikhova Karina4, Roman Gerasmichuk1,3, Tatiana Kostyleva3,  
Alexander Rumyantsev5,6, 1North-Western State Medical Univ n.a.I.I.Mechnikov, Nephrology and Dialysis Chair, Saint-Petersburg, RUSSIAN FEDERATION, 2First Saint-Petersburg State Medical Univ n.a.I.P.Pavlov, Nephrology and Dialysis Chair, Saint-Petersburg, RUSSIAN FEDERATION, 3City Mariinsky Hosp, Dialysis unit, Saint-Petersburg, RUSSIAN FEDERATION, 4B Braun Avitum Russland Clinics, Dialysis unit, Saint-Petersburg, RUSSIAN FEDERATION, 5Saint-Petersburg State Univ, Fac Therapy Chair, Saint-Petersburg, RUSSIAN FEDERATION, 6First Saint-Petersburg State Medical Univ n.a.I.P.Pavlov, Propedeutics Internal Diseases Chair, Saint-Petersburg, RUSSIAN FEDERATION.

MP715 Trajectories of Multidimensional Quality of Life Among Patients Receiving Chronic Dialy-  
sis  
Mi-Kyung Song1, Sandra E. Ward2, Shudesha Pau1, Constance Gile3, Jerald Hladik3, 1Emory Univ, School Nursing, Atlanta, GA, 2Univ Wisconsin-Madison, School Nursing, Madison, WI, 3Univ North Carolina Chapel Hill, UNC Kidney Center, Chapel Hill, NC.

MP716 Individual Seasonal Variation Patterns of Normalized Protein Catabolic Rate in Hemodialy-  
sis Patients and the Association with Death Within 3 Years  
Tatsutoshi Ikenoue1,2, Mizuki Morita3, Hiroshi Naito2, Kenro Miyasato2, Tetsuya Kitamura2, 1Kyoto Univ, Healthcare Epidemiology, Kyoto, JAPAN, 2Fujidera Keijin-kai Clinic, Nephrology, Fujidera, JAPAN, 3Okayama Univ, Biorepository Research and Networking, Okayama, JAPAN.

MP717 Correction of Fluid Overload Substantially Reduces Mortality in Stable Volume-Expanded  
Hemodialysis Patients  
Charles Chazot1, Ulrich Moisll2, Peter Wabel2, Bernard Canaud3, Francesca Mallamaci4, Giovanni Tripepi5, Stefano Stuartb6, Carmine Zoccali5, 1Nephrocare, NephroCare Tassin-Charcot, Sainte Foy Les Lyon, FRANCE, 2Global Research and Development, Fresenius Medical Care Deutschland GmbH, Bad Homburg, GERMANY, 3D GmbH Center Excellence Medical EMEA, Fresenius Medical Care, Bad Homburg, GERMANY, 4CNR-IFIC and Riuniti Hosp, CNR-IFIC & Neprrology, Dialysis and Transplantation Unit, Reggio Calabria, ITALY, 5CNR-IFIC, CNR-IFIC & Nephrology, Dialysis and Transplantation Unit, Reggio Calabria, ITALY, 6D GmbH, Clinical and Therapeutical Governance, Care Value Management, Fresenius Medical Care, Bad Homburg, GERMANY.

MP718 Cinacalcet Persistence and Adherence in France, Germany, and Italy  
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MP719 Vancomycin-Resistant Enterococci Colonization Within Hemodialysis Population- Single  
Centre Experience  
Milos V. Mitrovic1, Ana Janjušević2, Petar Džuric1, Aleksandar Janković1, Jovan Popović1, 1KB Zvezdara, Nephrology, Belgrade, SERBIA, 2Inst Virology, Vaccines and Sera Torlak, Virology, Belgrade, SERBIA.
MP720
COMPARISON OF HEPATITIS B SEROCONVERSION RATES WITH ENGERIX-B AND RECOMBIVAX-HB IN PATIENTS ON HEMODIALYSIS
Xiaoling Ye1, Maggie Han1, Sharon Rao2, Schantel William1, Jeffrey Hymes3, Franklin W. Maddux3, Peter Kotanko1, 4
1Renal Research Inst, Research, New York, NY, 2Univ Alberta, Research, Alberta, AB, CANADA, 3Fresenius Medical Care NA, Medical Office, Waltham, MA, 4Cahn School Medicine at Mount Sinai, Medical School, New York, NY.

MP721
A DECREASE IN INTACT PARATHYROID HORMONE (iPTH) LEVELS IS ASSOCIATED WITH HIGHER MORTALITY
Esmeralda Castillo, Laura Rodríguez-Osorio, Soledad Pizarro, Raquel Esteras, Raúl Fernández, Carolina Gracia-Igacuel, Ignacio Mahillo, Alberto Ortiz, Jesús Egido, Emilio González-Parrá, Fundación Jiménez Díaz, Nephrology, Madrid, SPAIN.

MP722
POSTTRAUMATIC STRESS DISORDER OF HEMODIALYSIS PATIENTS WITH MERS-COV EXPOSURE
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MP723
PREVALENCE AND DETERMINANTS OF FRAILTY IN END STAGE RENAL DISEASE UNDER ONLINE HEMODIAFILTERATION
Célia Sales1, Rita Tavares1, Leonilde Amado2, Pedro Martins2, João Barros2, Vasco Miranda2, Alice Santos-Silva3, Paula Mena-Matos4, Elísio Costa5, 1Univ Porto, Center Psychology Univ Porto (CPUP), Porto, PORTUGAL, 2Nephrocare Portugal, 5A, Nephrocare Maia, Maia, PORTUGAL, 3Ucibio, Requimte, Fac Pharmacy, Univ Porto, Dept Biological Sciences, Porto, PORTUGAL, 4Univ Porto, Center Psychology and Fac Psychology and Educational Sciences, Porto, PORTUGAL.

MP724
HOME HEMODIALYSIS DEMOGRAPHICS AND PRESCRIPTIONS WITH THE NXSTAGE SYSTEM ONE: THE EUROPEAN EXPERIENCE IN THE KIDNEY COHORT
Éric Goffin1, Maxence Ficheux2, Hafedh Fessi3, Roberto Corciulo4, Giacomo Colussi5, Maria Bajo6, Maria Slon7, Sunita Naik8, Natalie Borman9, 1Cliniques Univ Saint-Luc, Néphrologie, Bruxelles, BELGIUM, 2Centre Hosp Univ Caen, Néphrologie, Caen, FRANCE, 3Hop Tenon, Néphrologie et Dialyses, Paris, FRANCE, 4Univ Bari, Section Nephrology and Dialysis, Bari, ITALY, 5Niguarda Hosp, Nefrologia - Centro Trapianti Rene, Milano, ITALY, 6Hosp Univ La Paz, Servicio Nefrologia, Madrid, SPAIN, 7Hosp Narvarra, Servicio Nefrologia, Pamplona, SPAIN, 8Royal Shrewsbury Hosp, Renal Unit, Shrewsbury, UK, 9Queen Alexandra Hosp, Wessex Renal and Transplantation Unit, Portsmouth, UK.

MP725
HYPERPHOSPHATEMIA IN HAEMODIALYSIS PATIENTS: THE IMPORTANCE OF NUTRITIONAL EDUCATION
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MP726
DISABILITY AND DEPRESSION: ASSOCIATION IN AN ARGENTINE POPULATION ON DIALYSIS
Fernando Perretta1, Pablo Bevione1, Graciela Vornovitsky1, Adriana Martorelli1, Leonardo LeF2, Lorena Escrivano2, 1Fresenius Medical Care, Nephrology, Pilar, ARGENTINA, 2Fresenius Medical Care, Nephrology, Monte Grande, ARGENTINA.

MP727
MONITORING VOLUME STATUS USING BIOELECTRICAL IMPEDANCE ANALYSIS IN CHRONIC HEMODIALYSIS PATIENTS
Eunghyun Lee, Jin Ho Hwang, Su Hyun Kim, Jung-Shin Hong, Chung-Ang Univ Hosp, Internal Medicine, Seoul, SOUTH KOREA.

MP728
SOCIOECONOMIC MARKERS IN INCIDENT DIALYSIS PATIENTS: ARE DISADVANTAGED POPULATIONS AT HIGHER RISK TO INITIATE DIALYSIS?
Augusto Cesar Soares dos Santos Junior1, Ana Carolina Aguiar do Nascimento2, 1Hosp Clinicas UFMG, Nephrology, Belo Horizonte, BRAZIL, 2Prefeitura Municipal Contagem, Nephrology, Contagem, BRAZIL.

MP729
UTILITY SCORES TO ASSESS QUALITY OF LIFE IN PREVALENT HAEMODIALYSIS PATIENTS
Els Holvoet, Sunny Eloit, Annick Verleysen, Elsie De Man, Isabel Vandorpe, Wim Van Biesen, Ghent Univ Hosp, Renal Div, Ghent, BELGIUM.
ASSOCIATION BETWEEN NEIGHBORHOOD WALKABILITY AND PHYSICAL ACTIVITY IN URBAN AND SUB-URBAN CHRONIC HEMODIALYSIS POPULATIONS
Maggie Han1, Xiaoling Ye1, Schantel Williams1, Israel Campos1, Priscilla Preciado1, Marcee Bonner2, Candace Young2, Daniel Marsh2, Peter Kotanko1,3, 1Renal Research Institute, Research, New York, NY, 2Renal Associates Baton Rouge, Research, Baton Rouge, LA, 3Cahn School Center Medicine, Nephrology, New York, NY.

VARIABILITY OF UREMIC BOUND TOXINS IN HEMODIALYSED PATIENTS OVER A YEAR
Marion Sallee1, Nathalie Mc Kay2, Tacy Santana2, Noémie Jourde-Chiche1, Damar Bouchouareb1, Laetitia Dou2, Marion Sallee1, Nathalie McKay2, Tacy Santana2, Noémie Jourde-Chiche1, Damar Bouchouareb1, Laetitia Dou2, 1AP-HM, Centre Nephrologie et Transplantation Renale, Marseille, FRANCE, 2Aix Marseille Univ, VRCM Vascular Research Center Marseille, Marseille, FRANCE.

IMMUNE STATUS OF PATIENTS ON MAINTENANCE HEMODIALYSIS (MHD) AGAINST HEPATITIS B VIRUS
J Ferdous1, MM Iqbal2, A Ahmed3, RM Hossain4, Z Rahman5, MA Mansur3, S Iqbal3, AK Chowdhury5, AA Chowdhury6, Z Ahmed3, Kidney Disease Research Group (KDRG), 1HFRCH, Microbiology, Dhaka, BANGLADESH, 2SSMC, Nephrology, Dhaka, BANGLADESH, 3BIRDEM, Nephrology, Dhaka, BANGLADESH, 4BSSMU, Nephrology, Dhaka, BANGLADESH, 5BIRDEM, Immunology, Dhaka, BANGLADESH, 6NIKDU, Nephrology, Dhaka, BANGLADESH.

LOW TIME-AVERAGE IPTH IS AN INDEPENDENT RISK FACTOR FOR ADVERSE OUTCOMES IN PERITONEAL DIALYSIS PATIENTS
Bei Wu, Huiping Zhao, Mei Wang, Peking Univ People’s Hosp, Nephrology, Beijing, CHINA.

EPIDEMIOLOGY OF HEPATITIS E VIRUS INFECTION AMONG HEMODIALYSIS PATIENTS IN A SINGLE CENTER IN SHANGHAI
Xiaohua Sheng, Niansong Wang, Shanghai Jiaotong Univ Affiliated Sixth People’s Hosp, Nephrology, Shanghai, CHINA.

BIOELECTRICAL IMPEDANCE DERIVED PHASE ANGLE AS MORTALITY PREDICTOR IN HEMODIALYSIS PATIENTS
Alvita Gincaitė1, Vaida Viskalas1, Diana Sukackiene2, Jelena Pavinic1, Agne Laucyte-Cibulskiene2, Laurynas Rimsevicius1,2, Marius Migelis1,2, Vilnius Univ, Fac Medicine, Vilnius, LITHUANIA.

INFLUENCE OF MEDICAL AND PSYCHOLOGICAL FACTORS ON DEPRESSION IN HEMODIALYSIS PATIENTS
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RESULTS OF VACCINATION AGAINST HEPATITIS B IN PERITONEAL DIALYSIS PATIENTS
Edgars Volosnuhins1, Viktorija Kuzema2, Anna Silda2, Ilze Puide2, Aivars Petersons2, 1St.Barbara Klinik Hamm-Hessen, Internal Medicine/ Nephrology Dept, Hamm, GERMANY, 2Pauls Stradins Clinical Univ Hosp, Nephrology, Riga, LATVIA.

STUDY OF SURVIVAL FACTORS IN LONG-TERM CHRONIC HEMODIALYSIS PATIENTS FOR OVER 30 YEARS
Takayasu Taira1, Go Oda1, Koichi Azuma1, Toru Takemura1, Tetsuo Chiba1, Tsutomu Hirano2, 1Yokohama Dainichi Hosp, Nephrology, Yokohama, JAPAN, 2Showa Univ School Medicine, Diabetes, Metabolism and Endocrinology, Tokyo, JAPAN.

LITHIUM INTOXICATION: ANALYSIS OF COMPLICATIONS AND RESULTS OF HEMODIALYSIS VERSUS CONSERVATIVE TREATMENT. COMPARATIVE STUDY OVER 10 YEARS
Karen Rivero Garcia1, Miguel Sánchez-Jaúregui1, Pilar Fraile1, Gabriela Gonzalez1, José Luis Lerm1, Antonio Zambrana2, Josefa Mattias2, Pedro Garcia1, Jesus Martin1, 1Hosp Univ Salamanca, Nephrology, Salamanca, SPAIN, 2Hosp Univ Salamanca, Psychiatry, Salamanca, SPAIN.

HOSPITALIZATION AND MORTALITY IN HEMODIALYSIS PATIENTS: ASSOCIATION WITH NASAL METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS CARRIAGE
Iryna Shifris1, Iryna Dudar1, Iryni Gonchar2, Viktor Krot1, 1St Inst Nephrology National Academy Medical Sciences Ukraine, Efferent Technology Dept, Kyiv, UKRAINE, 2St Inst Nephrology National Academy Medical Sciences Ukraine, Kyiv, UKRAINE.
MP741
FACTORS AFFECTING QUALITY OF LIFE IN END STAGE RENAL DISEASE PATIENTS UNDERGOING HEMODIALYSIS IN INDONESIA
Akhil D. Vatvani1, Kalis Waren1, Karunia V. Japar1, Prio Wibisono1, Prisca Yaputri1, Theo A. Lemuel2, Univ Pelita Harapan, Fac Medicine, Tangerang, INDONESIA, 2Univ Pelita Harapan, Dept Internal Medicine, Tangerang, INDONESIA.

MP742
Lp-PLA2 IS AN INDEPENDENT RISK FACTOR FOR CARDIOVASCULAR EVENTS IN DIALYIZED PATIENTS
Andreana De Mauri1,2, Matteo Vidali3, Roberta Rolla4,2, Maddalena Brustia1, Paolo Davd1, Carlo E. Ruva1, Federica Capurro1, Doriah Chiariottini1, Giorgio Bellomo4,2, IMaggiore della Carità Univ Hosp, Nephrology and Dialysis Unit, Novara, ITALY, 2Amedeo Avogadro Univ Eastern Piedmont, Dept Nephrology and Hypertension, Utrech, NETHERLANDS, 3Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS, 4Maggiore della Carità Univ Hosp, Clinical Chemistry Lab, Novara, ITALY.

MP743
CARDIOVASCULAR DISEASE AND MORTALITY ACROSS DIFFERENT AGE CATEGORIES OF DIALYSIS PATIENTS
Gurbey Ocak1, Pauline W.M. Voskamp2, Merel van Diepen2, Nynke Halbesma3, Friedo W. Dekker2, Univ Medical Center Utrecht, Dept Nephrology and Hypertension, Utrecht, NETHERLANDS, 2Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, NETHERLANDS, 3Univ Edinburgh, Usher Inst Population Health Sciences and Informatics, Edinburgh, UK.

MP744
DEATH RISKS OVER TIME FROM 2001 TO 2015 IN INCIDENT PERITONEAL DIALYSIS PATIENTS
Taehee Kim, Min-Ji Kim, Inje Univ, Internal Medicine, Busan, SOUTH KOREA.

MP745
PERIPHERAL BLOOD LEUKOCYTE VDR GENE EXPRESSION AS A PREDICTOR OF MORTALITY IN ESRD PATIENTS ON HAEMODIALYSIS
Dimitrios Kirmizis1, Fani Chatzopoulou2, Dimitrios Chatzidimitriou2, Georgios Tzimagiorgis3, Aikaterini Papagianni1, Georgios Efstratiadis1, Aristotel Univ, Dept Nephrology, Thessaloniki, GREECE, 2Aristotel Univ, Lab Microbiology, Thessaloniki, GREECE, 3Aristotel Univ, Lab Biochemistry, Thessaloniki, GREECE.

MP746
THE ROLE OF THERAPEUTIC PLASMA EXCHANGE IN SEVERE HELLP SYNDROME
Ágnes Haris1, József Arányi1, Ferenc Lévárdi2, Kálmán Polner1, St. Margit Hosp, Dept Obstetrics and Gynecology, Budapest, HUNGARY.

MP747
EFFECTS OF ISOLATION ON HEMODIALYSIS PATIENTS WITH MERS-COV EXPOSURE IN KOREA: A COHORT STUDY
Young-Ki Lee1, Sang-Ho Lee2, Ajin Choi1, Jong-Woo Yoon1, Hee Jung Jeon1, Jung-Woo Noh1, Yoo Jin Choi1, Eun Ji Bae1, Eun Yi Kim1, Da-Wun Jeong2, Yang-Gyun Kim2, Chang-Hee Lee3, Kyung Don Yoo4, Hallym Univ College Medicine, Internal Medicine, Seoul, SOUTH KOREA, 2Kyun Hae Univ at Kangdong, Internal Medicine, Seoul, SOUTH KOREA, 3Gangueung Medical Center, Anesthesiology, Gangueung, SOUTH KOREA, 4Dongguk Univ Medical Center, Internal Medicine, Gyeongju, SOUTH KOREA.

MP748
PREVENTION AND TREATMENT FOR ALLERGIC REACTIONS WITH PLASMAPHERESIS: A RETROSPECTIVE STUDY OF 70 CASES
Yoichiro Tanaka1,2, Kazuhiro Okano3, Takeshi Tokoroyama1,2, Ken Tsuichiy3, Kosaku Nitta1,1Tokyo Women’s Medical Univ, 4th Dept Medicine, Tokyo, JAPAN, 2Towa Hosp, Kidney Internal Medicine, Tokyo, JAPAN, 3Tokyo Woman’s Medical Univ, Dept Blood Purification, Tokyo, JAPAN.

MP749
IMPACT OF GENDER ON PRACTICE PATTERNS, USE OF VASCULAR ACCESS AND ACHIEVEMENT OF KDIGO TREATMENT TARGETS IN ELDERLY PATIENTS ON HEMODIALYSIS, A EUROPEAN MULTICENTER ANALYSIS
André Weigert1, Stefan H. Jacobson2,3, Werner Kleophas4, Mahesh Krishnan5, Abdulkareem Alsuwaida6, Fatima Silva1, Maciej Drozdz7, Davita, EMEA, Lisbon, PORTUGAL, 2Karolinska Inst, Nephrology, Stockholm, SWEDEN, 3Davita, EMEA, Amsterdam, NETHERLANDS, 4Davita, EMEA, Dusseldorf, GERMANY, 5Davita, US, Washington, DC, 6Davita, EMEA, Riyadh, SAUDI ARABIA, 7Davita, EMEA, Wroclaw, POLAND.

MP750
STENOTROPHOMONAS MALTOPHILIA: CASE SERIES DEMONSTRATING THE INCREASED PREVALENCE IN A UK HAEMODIALYSIS UNIT
Eimear McKenna1, Girish Shivashankar2, Frank McCarroll2, Altnagelvin Area Hosp Derry Northern Ireland, Nephrology, Derry, UK, 2Altnagelvin Area Hosp, Derry, UK.
DIALYSIS - HEALTH SERVICE

MP751
LONG-TERM INTRADIALYTIC CYCLING AND THE IMPACT ON QUALITY OF LIFE
Clare Weekes1, Laura Mason2, 1ABM UHB, Renal Unit, Swansea, UK, 2Swansea Univ, Sport and Exercise Science, Swansea, UK.

MP752
RESULTS OF THE GREEK FINANCIAL CRISIS AND THE EUROPEAN MIGRANT CRISIS IN DIALYSIS PATIENTS IN GREECE
Georgios Spanos, Christina Melexopoulou, Emmanouil Tzamparlis, Eustathios Tsiakas, Maria Korogiannou, John N. Boletis, National & Kapodistrian Univ Athens, Medical School, Laiko General Hosp, Dept Nephrology and Renal Transplantation Unit, Athens, GREECE.

MP753
PHARMACOECONOMIC ASSESSMENT OF PATIENTS SWITCHING TO SUCROFERRIC OXHYDROXIDE FROM SEVELAMER CARBONATE IN PATIENTS ON HEMODIALYSIS IN SEVEN EUROPE COUNTRIES
Mark Connolly1,2, Nikos Kotsopoulo1, Panagiota Vrouhou1,3, Sebastian Waben4, 1Global Market Access Solutions, Health Economics, St-Prex, SWITZERLAND, 2Univ Groningen, Pharmacoconomics, Groningen, NETHERLANDS, 3Viforpharma, Market Access, Glattbrugg, SWITZERLAND, 4Viforpharma, Medical Affairs, Glattbrugg, SWITZERLAND.

MP754
DEVELOPMENT OF THE ELECTRONIC SYSTEM OF A HOME PERITONEAL DIALYSIS PATIENT’S RECORD NOTE
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MP755
CONTEXTUAL FACTORS RELATED TO FINE-SCALE GEOGRAPHIC VARIATIONS OF RENAL REPLACEMENT THERAPY (RRT) INCIDENCE IN NORTH-EASTERN FRANCE
Maxime Desmaret1, Carole Ayav2, Kadiatou Diallo1, Florian Bayer3, Frédéric Imbert4, Guillaume Boiteux1, Eric-André Sauleau5, Elisabeth Monnet1, 1CHRU Besançon, Centre Investigation Clinique, Inserm CIC 1431, Besancon, FRANCE, 2CHRU Nancy, Centre Investigation Clinique, Inserm CIC 1433, Nancy, FRANCE, 3Agence Biomédecine, Registre REIN, La Plaine-Saint Denis, FRANCE, 4ORS Alsace, Hôp Civil, Strasbourg, FRANCE, 5Univ Strasbourg, Lab Biostatistique, ICube UMR CNRS 7357, Strasbourg, FRANCE.

MP756
EVALUATION OF THE ONE YEAR FOLLOW UP OF DIALYSIS PTS BY RAPID NEUROPSYCHOLOGICAL SCREENING BATTERY
Ornella Gambero1, Valentina Corradi1, Gregorio Romero1, Lucia Meligrana2, Mariangela Mettifogo1, Massimo de Calli1, Alessandra Brendolan1, Carlo Crepaldi1, Michelle Marcon2, Francesco Perini2, Fiorenza Ferrarini, Claudio Ronco1, 1IRIV, Nephrology, dialysis and transplantation, San Bortolo Hosp, Vicenza, ITALY, 2Neurology, San Bortolo Hosp, Vicenza, ITALY.

MP757
IMPROVING EFFICIENCY, SAFETY AND QUALITY OF CARE IN DIALYSIS WARDS BY DIGITALIZING THE ENTIRE CARE PROCESS
V Neirynck, J Donck, J Varendonck, St Lucas Hosp Ghent, Nephrology, Ghent, BELGIUM.

MP758
CAN THE EQ5D SCORE BE CONSIDERED REPRESENTATIVE FOR MEASURING UTILITY IN HAEMODIALYSIS PATIENTS?
Wim Van Biesen, Els Holvoet, Annick Verleysen, Elsie De Man, Isabel Vandorpe, Sunny Eloot, Ghent Univ Hosp, Renal Div, Ghent, BELGIUM.

MP759
BEING HERE IS A PRISON: PATIENT REPORTED QUALITY OF LIFE BURDENS ASSOCIATED TO DIALYSIS
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Posters

MP760
PREVALENCE OF PAIN IN CHRONIC HEMODIALYSIS PATIENTS SPANISH PROGRAM FOR THE ATTENTION OF TERMINAL RENAL DISEASE PAIN IN DIALYSIS UNITS
Adriana Puente-Garcia1,2, Maria Teresa Marín-López3, Fernando García-López4, Alberto Tejedor-Jorge5, Jose M. Portoles-Perez6, Roberto Martín Hernandez2, 1Hosp Univ Fuenlabrada, Nefrologia, Madrid, SPAIN, 2Fundación Renal Inigo Alvarez de Toledo, FRIAT, Nefrologia, Madrid, SPAIN, 3Fundación Renal Inigo Alvarez de Toledo, FRIAT, Psicologia, Madrid, SPAIN, 4Inst Salud Carlos III, Epidemiologia, Madrid, SPAIN, 5Hosp Univ Gregorio Marañon, Nefrologia, Madrid, SPAIN, 6Hosp Univ Puerta de Hierro, Nefrologia, Madrid, SPAIN.

MP761
CARRIAGE OF NASAL METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS IN HEMODIALYSIS PATIENTS: ANALYSIS OF HOSPITAL-BASED VERSUS SEPARATE DIALYSIS CENTERS
Georg Schlieper, Sven Heinrichs, Gerd Hetzel, Werner Kleophas, DaVita, Rhein-Ruhr, Düsseldorf, GERMANY.

MP762
EVALUATION OF SLEEP QUALITY IN HEMODIALYSIS PATIENTS USING WRIST ACTIGRAPHY
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MP763
PREVALENCE OF MAJOR DEPRESSION IN DIALYSIS PATIENTS AND ITS RELATIONSHIP WITH LAB DATA
Luigi Cirillo1, Marco Gregori1, Giuseppe Cestone1, Chiara Somma2, Alma Mehmetaj, Francesco Pizzarelli2, Pietro Datolo2, 1Univ Florence, Dept Nephrology and Transplantation, Firenze, ITALY, 2Osp Santa Maria Annunziata, Dept Internal Medicine - Nephrology, Firenze, ITALY.

MP764
RELATION OF SERUM INORGANIC IODINE LEVEL TO THYROID DISEASES IN PREVALENT HEMODIALYSIS PATIENTS
Mohamed A.M. Ibrahim1, Mohamed S. Hassan1, Mahmoud A. Ramy2, Mohamed A. Suliman1, 1AIN Shams Univ, Nephrology, Cairo, EGYPT, 2AIN Shams Univ, Clinical Pathology, Cairo, EGYPT.

MP765
ASSOCIATIONS OF ILLNESS PERCEPTION AND TREATMENT ADHERENCE IN A COHORT OF PATIENTS ON CHRONIC HEMODIALYSIS
Migle Gudynaite1, Violeta Kasperaviciute2, Laurynas Rimsevičius1, Marius Miglinas1, Aidas Perminas2, 1Vilnius Univ, Fac Medicine, Vilnius, LITHUANIA, 2Vytautas Magnus Univ, Fac Social Sciences, Kaunas, LITHUANIA.

MP766
METHODOLOGY FOR ASSESSING VALUES AND PREFERENCES IN HEMODIALYSIS
Eduardo Parra1, Maria Dolores Arenas2, Maria José Fernandez-Reyes3, Angel Gamen4, Marta Cuberes4, Fernando Álvarez-Ude3, 1Hosp Reina Sofia, Nefrologia, Tudela, SPAIN, 2Hosp Vithas Internacional Perpetuo Socorro, Nefrología, Alicante, SPAIN, 3Complejo Hosp General Segovia, Nephrology, Segovia, SPAIN, 4Hosp Reina Sofia Tudela, Nephrology, Tudela, SPAIN.

MP767
THE VARIABILITY OF BICARBONATE LEVELS AMONG HEMODIALYSIS SESSIONS
Arzu Ozdemir Kayalar, Murvet Yilmaz, Fatma Sibel Koçak Yukel, Aysegul Kudu, Fatih Gokhan Akbay, Gunden Deger, Suheyla Apaydin, Bakirköy Doctor Sadi Konuk Educational and Research Hosp, Nephrology, Istanbul, TURKEY.

MP768
DEPRESSION ANXIETY BODY IMAGE SEXUAL DYSFUNCTION IN MALE HAEMODIALYSIS PATIENTS
Zohra El Ati1,1, Nidhal Ati2, Rim Choura1, Nozha Maze1, Mondher Sbaa1, 1Tahar Sfar Hosp, Nephrology and Dialysis, Mahdia, TUNISIA, 2Tahar Sfar Hosp, Urology, Mahdia, TUNISIA.

MP769
THE USE OF DIALYSIS NURSE SPECIALIST IN A CHINESE HAEMODIALYSIS UNIT CAN BE SAFE AND COST EFFECTIVE
Pearl Pai1,2, Hong-Xia Sui2, Yan-Hau Ye2, Gang Wang2, 1Univ Hong Kong, Dept Medicine, Hong Kong, HONG KONG, 2Univ Hong Kong-Shenzhen Hosp, Nephrology, Shenzhen, CHINA.

MP770
ASSESSMENT OF THE EFFECTS OF FAMILY CHARACTERISTICS OF CHRONIC KIDNEY PATIENTS ON PERCEPTIONS OF THEIR ADOLESCENT CHILDREN
Savas Sipahi1, Ahmed Bilal Genç2, Seyyid Bilal Acikgoz2, Mehmet Yidirim2, Aysel Tocoglu2, Fuat Kircelli3, Ergul Fidan Kircelli3, Hamad Dheir1, 1Sadkarya Univ Medical Fac, Nephrology, Sakarya, TURKEY, 2Sadkarya Univ Medical Fac, Internal Medicine, Sakarya, TURKEY, 3Private Clinic, Psichiatriy, Adana, TURKEY.
MP771
IN-HOUSE PREPARATION AND CENTRALISED DISTRIBUTION OF ACID DIALYSIS CONCENTRATE: CONSIDERATION ON A PRAactical EXPERIENCE
Paolo Lentini1, Luca Zanoli2, Antonio Granata3, Roberto Dell’Aquila1, 1San Bassiano Hosp, Bassano del Grappa, Nephrology, Bassano del Grappa, ITALY, 2Univ Catania, Internal Medicine, Catania, ITALY, 3San Giovanni Di Dio Hosp, Nephrology, Agrigento, ITALY.

MP772
THE EFFECT OF ANXIETY, DEPRESSION AND QUALITY OF LIFE ON HAND MANIPULATION EDUCATION IN HEMODIALYSIS PATIENTS
Özlem Şahin1, Kadiyie Cicek1, Cansu Tukenmez1, Ayşegül Oruç1, Abdulmecit Yıldız1, Yavuz Ayar1, Alparslan Ersoy2, 1Uludag Univ Fac Medicine, Dept Nephrology, Bursa, TURKEY, 2Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY.

MP773
QUALITY OF LIFE IN RELATION TO NUTRITIONAL STATUS MARKERS OF HEMODIALYSIS AND PERITONEAL DIALYSIS PATIENTS
Anastasia Markaki1, Aikaterini Charonitaki1, Andriani Pylarinou1, Konstantina Kyriakidi1, Eleytheria Vardaki2, Maria Grammatikopoulou3, 1Technological Educational Inst Crete, Nutrition & Dietetics, Siteia, GREECE, 2Univ Hosp Crete, Nephrology, Heraklion, GREECE, 3Technological Educational Inst Thessaloniki, Nutrition & Dietetics, Thessaloniki, GREECE.
RENAL TRANSPLANTATION - EPIDEMIOLOGY & OUTCOME II

MP774
FACTORS ASSOCIATED WITH INFRA-COMPENSATION OF THE REMAINING KIDNEY AFTER TOTAL NEPHRECTOMY FOR DONATION
Carla Burballa1, Marta Crespo1, Marta José Pérez-Sáez1, Dolores Redondo1, Carlos Arias1, Marisa Mir1, Albert Frances2, Lluís Fumadó2, Lluís Cecchina2, Julio Pascual1, 1Hosp del Mar, Nephrology, Barcelona, SPAIN, 2Hosp del Mar, Urology, Barcelona, SPAIN.

MP775
RISK FACTORS AND INCIDENCE OF NEOPLASIA AFTER KIDNEY TRANSPLANTATION IN ADULTS: SINGLE EXPERIENCE IN THE TRANSPLANT UNIT AT HOSPITAL CLINIC OF BARCELONA, CATALONIA, SPAIN FROM 2003 TO 2009
Mario Jimenez Hernandez, Ignacio Revuelta, Fritz Diekmann, Federic Oppenheimer, Jose Maria Campistol, Hosp Clinic Barcelona, Nephrology and Renal Transplantation Unit, Barcelona, SPAIN.

MP776
THE ASSOCIATIONS BETWEEN SODIUM INTAKE AND KIDNEY DAMAGE WITH ECHOCARDIOGRAPHIC PARAMETERS IN RENAL TRANSPLANT RECIPIENTS
Emre Tutal1, Bahar Gurlek Demirci2, Siren Sezer1, Salih Uyanık3, Ozlem Ozdemir4, Turan Colak1, Mehmet Haberal5, 1Baskent Univ, Fac Medicine, Nephrology, Ankara, TURKEY, 2Ankara Ataturk Training and Research Hospital, Nephrology, Ankara, TURKEY, 3Baskent Univ, Fac Medicine, Internal Medicine, Ankara, TURKEY, 4Ondokuz Mayis Univ Fac Medicine, Internal Medicine, Ordu, TURKEY, 5Baskent Univ Fac Medicine, General Surgery, Ankara, TURKEY.

MP777
DCP SYNDROMES IN KIDNEY TRANSPLANT RECIPIENTS AND IN PATIENTS ON WAITING LIST FOR KIDNEY TRANSPLANT
Yuri Battaglia1, Elena Martino2, Giulia Plazza2, Sara Massarenti2, Luana Peron3, Alda Storari1, Luigi Grassi3, 1St. Anna Univ- Hosp, Nephrology Unit, Ferrara, ITALY, 2Univ Ferrara, Psychiatry Inst, Ferrara, ITALY, 3Univ Hosp Psychiatry Unit, Dept Mental Health, Ferrara, Ferrara, ITALY.

MP778
PRE-TRANSPLANT LEFT VENTRICULAR SYSTOLIC AND DIASTOLIC FUNCTIONS INDEPENDENTLY ASSOCIATE THEIR CHANGES AFTER LIVING DONOR KIDNEY TRANSPLANTATION
Takehiko Kawaguchi1, Takafumi Yamakawa1, Motonobu Nishimura2, Satoshi Kubakura1, Eri Okada1, Masaki Uehara1, Mari Okajima1, Moritoshi Kadomura1, Hiromichi Aoyama3, Kazunori Otsuki3, Naotake Akutsu3, Michihiro Maruyama3, Masayuki Hasegawa3, Kenichi Saigo3, Toshiyuki Imasawa1, 1Chiba East Hosp, Dept Nephrology, Chiba, JAPAN, 2Chiba East Hosp, Dept Psychiatry, Chiba, JAPAN, 3Chiba East Hosp, Dept Endocrinology, Chiba, JAPAN.

MP779
LEFT-SIDED DONOR NEPHRECTOMY PREDISPOSES LIVING KIDNEY DONORS TO LATENT ADRENAL INSUFFICIENCY WITH SYMPTOMS OF FATIGUE AND INFERIOR QUALITY OF LIFE
Thomas Schachtner1, Thierry Yandza1, Laetitia Albano2, Jacques Jourdan2, Matthieu Durand1, Jean Amiel1, Daniel Chevallier1, 1Hosp Nice, Urology, Andrology, Renal Transplantation, Nice, FRANCE, 2Hosp Nice, Nephrology, Nice, FRANCE.

MP780
SURGICAL REVISIONS AND EFFICIENCY OF DUAL KIDNEY TRANSPLANTATION COMPARED TO SINGLE KIDNEY TRANSPLANTATION FROM EXPANDED CRITERIA DONORS: A SINGLE CENTER EXPERIENCE
Lionel Mendel1, Thierry Yandza1, Laetitia Albano2, Jacques Jourdan2, Matthieu Durand1, Jean Amiel1, Daniel Chevallier1, 1Hosp Nice, Urology, Andrology, Renal Transplantation, Nice, FRANCE, 2Hosp Nice, Nephrology, Nice, FRANCE.

MP781
KIDNEY TRANSPLANT OUTCOMES IN CFHR5 NEPHROPATHY
Eleni A. Frangou1, Andreas Soloukides1, Isavella Savva1, Agathi Varvavou2, Michalis Zavor1, Constantinos Deltas3, Vassilis Hadjanastassiou1, 1Nicosia General Hosp, Transplant Clinic, Nicosia, CYPRUS, 2Nicosia General Hosp, Nephrology and Immunogenetics Lab, Nicosia, CYPRUS, 3Univ Cyprus, Molecular Medicine Research Center, Nicosia, CYPRUS.

MP782
CHRONIC HCV INFECTION PROLONGS WAITING DURATION OF CADAVERIC KIDNEY DONOR CANDIDATES ON WAITING LIST
Aysegul Oruc, Abdulmecit Yildiz, Suat Goral, Mustafa Gullulu, Kamul Dilek, Alparslan Ersoy, Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY.
MP783
IMPACT OF GENDER ON THE SURVIVAL OF LIVE DONOR RENAL TRANSPLANTATION: DATA OF 979 PATIENTS
Yasser Matter, Muhammed Elhadeedy, Tarek Abbas, Mohamed Zahab, Mohammed Fouda, Ayman Refaie, Hussein Shaeashaa, Mohamed Abbas, Ahmed Denewar, Ayman Nagib, Urology and Nephrology Center, Mansoura Univ, Dialysis and Transplantation, Al Mansoura, EGYPT.

MP784
EFFECT OF RENAL TRANSPLANTATION ON COGNITIVE FUNCTION IN HEMODIALYSIS PATIENTS, A LONGITUDINAL STUDY
Sandeep Mahajan1, Om P. Rathil, Sanjay Sood2, Yogesh K. Chhabra1, 1All India Inst Medical Sciences, Nephrology, New Delhi, INDIA, 2RAK College Medical Sciences, Physiology, Ras Al Khaimah, UNITED ARAB EMIRATES.

MP785
LONG-TERM OUTCOMES OF KIDNEY TRANSPLANT RECIPENTS WITH FSGS
Dmytro Khadzhynov, Fabian Halleck, Oliver Steeck, Lukas Lehner, Michael Dürr, Eva Schrezenmeier, Klemens Budde, Charite Universitaetsmedizin, Nephrology, Berlin, GERMANY.

MP786
ANEMIA, IRRESPECTIVE OF IRON DEFICIENCY, IS ASSOCIATED WITH GRAFT FAILURE IN RENAL TRANSPLANT RECIPIENTS
Michele F. Eisenga, Jan-Stephan F. Sanders, Martin H. De Borst, Stefan P. Berger, Stephan J. Bakker, Carlo A. Gaillard, Univ Medical Center Groningen, Nephrology, Groningen, NETHERLANDS.

MP787
FIFTEEN YEARS OF LIVING DONOR KIDNEY TRANSPLANTATION PROGRAMME IN ARMENIA
Milena Voskanyan1,2, Helen Nazaryan1, Sergey Babloyan3,4, Poghos Gevikyan3, Sahak Arakelyan3, Khachatyr Kyurkchyan5, Ara Babloyan3, Ashot Sarkissian1,2, 1Arabkir Medical Centre, Nephrology, Haemodialysis & Kidney Transplantation, Yerevan, ARMENIA, 2Yerevan State Medical Univ, Paediatrics #2, Yerevan, ARMENIA, 3Arabkir Medical Centre, Surgery & Urology, Yerevan, ARMENIA, 4Yerevan State Medical Univ, Paediatric Surgery, Yerevan, ARME-NIA, 5Arabkir Medical Centre, Anaesthesiology and Intensive Care, Yerevan, ARMENIA.

MP788
Predictors of transplant failure in patients undergoing indication renal biopsy
Kathryn Stevens, Bruce Mackinnon, David Kipgen, Shana Coley, Marc Clancy, Colin Geddes, Glasgow Renal and Transplant Unit, QEUH, Glasgow, UK.

MP789
EFFECT OF BODY WEIGHT CHANGES AFTER KIDNEY TRANSPLANTATION ON GRAFT FUNCTION AND SURVIVAL
Maria Quero1, Emma Arcos2, Jordi Comas2, Anna Manonelles1, Núria Montero1, Josep M. Cruzado1, 1Bellvitge Hosp, Nephrology, L’Hospitalet, SPAIN, 2CatSalut, OCATT, Barcelona, SPAIN.

MP790
MICRORNAS IN URINE HELP TO IDENTIFY ACUTE REJECTION AFTER KIDNEY TRANSPLANTATION
E.M. Gielis1,2, J.D.H. Anholts1, J.W. de Fijter3, F.H.J. Claas1, M. Eikmans1, 1Leiden Univ Medical Center, Dept Immunohematology and Blood Transfusion, Leiden, NETHERLANDS, 2Univ Antwerp, Lab Experimental Medicine and Pediatrics, Antwerp, BELGIUM, 3Leiden Univ Medical Center, Dept Nephrology, Leiden, NETHERLANDS.

MP791
THE ASSESSMENT OF CARDIOVASCULAR RISK USING QRISK2 PROCAM SCORE RCRI SCALES IN RENAL TRANSPLANT RECIPIENTS
Karolina Komorowska-Jagielska, Zbigniew Heleniak, Alicja Debska-Slizien, Medical Univ Gdansk, Nephrology, Transplantology and Internal Medicine Dept, Gdansk, POLAND.

MP792
THE HISTOPATHOLOGICAL RELEVANCE OF ANGIOTENSIN II TYPE 1 RECEPTOR (AT1R) IN RENAL TRANSPLANT BIOPSY
Agnieszka Sas1, Miroslaw Banasik2, Piotr Dioniży3, Katarzyna Kościelska Kasprzak4, Dorota Kamińska2, Oktawia Mazanowska2, Magdalena Krajewska2, Paweł Chudoba5, Krzysztof Korta5, Agnieszka Halen3, Maria Boratyńska2, Marian Kliger2, 1Univ Medyczny Plastów Śląskich Wrocławii, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 2Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 3Wrocław Medical Univ, Dept Pathomorphology and Oncological Cytology, Wrocław, POLAND, 4Wrocław Medical Univ, Research Lab, Wrocław, POLAND, 5Wrocław Medical Univ, Dept General, Vascular and Transplant Surgery, Wrocław, POLAND.
B-TYPE NATRIURETIC PEPTIDE LEVELS ARE ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN RE-NAL TRANSPLANT RECIPIENTS
Carlo Massimetti, Gea Imperato, Sandro Feriozzi, Centro Riferimento Nefrologia e Dialisi, Osp Belcolle, Viterbo, ITALY.

THE KIDNEY DONOR RISK INDEX: A HELPFUL TOOL IN ALLOCATING DISEASED DONOR KIDNEYS?
Ester Philipse1, Alison Lee2, Vera Hartman3, Bart Bracke3, Thiery Chapelle3, Geert Roeyen3, Kathleen de Greef3, Dirk Ysebaert3, Rachel Hellemans1, Jean-Louis Bosmans1, Daniel Abramovicz1, 1Antwerp Univ Hosp, Nephrology-Hypertension, Antwerp, BELGIUM, 2AZ KLINA, Nephrology-Hypertension, Brasschaat, BELGIUM, 3Antwerp Univ Hosp, Hepatobiliary, Transplantation and Endocrine Surgery, Antwerp, BELGIUM.

LONG TERM FOLLOW-UP OF RENAL ALLOGRAFT RECIPIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE AND IMPORTANCE OF INTRACRANIAL ANEURYSMS ON OUTCOMES
Carla Burballa, María José Pérez-Sáez, Dolores Redondo, Laia Sans, Marisa Mir, Alfonso Califano, Anna Buxeda, Ana Marina Granados, Marta Crespo, Julio Pascual, Hosp del Mar, Nephrology, Barcelona, SPAIN.

PROJECTED CANCER RISK FROM MEDICAL IONIZING RADIATION PROCEDURES IN KIDNEY TRANSPLANT-ED PATIENTS
Andreana De Mauri1,2, Roberta Matheoud3, Cristina Izzo1, Maddalena Brustia1, Paola David1, Maria M. Conte1, Vincenzo Cantaluppi4, Marco Brambilla3, Doriani Chiariottit1, 1Maggiore della Carità Unv Hosp, Nephrology and Dialysis Unit, Novara, ITALY, 2Amedeo Avogadro Univ Eastern Piedmont, Dept Health Sciences, Novara, ITALY, 3Maggiore della Carità Univ Hosp, MedicaI Physics Dept, Novara, ITALY, 4Univ Eastern Piemont, Nephrology and Kidney Transplantation Unit, Novara, ITALY.

INTERACTION BETWEEN CIRCADIAN BLOOD PRESSURE RHYTHM AND AUTONOMIC NERVOUS FUNCTION IN RENAL TRANSPLANT RECIPIENTS
Gen Yasuda, Tatsuya Hase, Shiro Komiya, Nobuhito Hirawa, Yokohama City Univ, Nephrology, Yokohama, JAPAN.

CLINICAL IMPACT OF DONOR SPECIFIC ANTIBODIES IN LIVING DONOR KIDNEY TRANSPLANTATION
Domenico Giannese1, Diego Moriconi1, Alessandro Mazzoni2, Luciana Mariottit2, Ugo Boggi3, Maria Francesca Egidii1, 1Pisa Univ, Clinical and Experimental Medicine, PISA, ITALY, 2Pisa Univ, Lab Immunogenetics, Pisa, ITALY, 3Pisa Univ, Translational Research and New Technologies in Medicine, Italy, ITALY.

CAN WE TRUST ESTIMATED GLOMERULAR FILTRATION RATE N THE EVALUATION OF LIVING KIDNEY DONORS?
Ana González-Rinne1, Sergio Luis-Lima1, Alejandra González-Delgado2, Natalia Negrín-Mena1, Federico González-Rinne1, Laura Díaz-Martín1, Ana Aldea-Peona3, Lourdes Pérez-Tamajón1, Armando Torres1, Esteban Porrini4, 1Hosp Univ Canarias, Nephrology, La Laguna, SPAIN, 2Hosp Univ Canarias, Central Lab, La Laguna, SPAIN, 3Hosp Univ Canarias, Pharmacology, La Laguna, SPAIN, 4Univ la Laguna, ITB, La Laguna, SPAIN.

COMPARISON BETWEEN THE EFFECTS OF INTRAOPERATIVE HUMAN ALBUMIN AND NORMAL SALINE ON EARRLY GRAFT FUNCTION IN KIDNEY TRANSPLANTATION
Emad Abdallah1, Samya El-Shishlawy1, Osana Mosbah1, Mohamed Zeidan2, 1Theodor Bilharz Research Inst, Nephrology, Cairo, EGYPT, 2Theodor Bilharz Research Inst, Anesthesiology, Cairo, EGYPT.

CARDIOVASCULAR DISEASE AFTER KIDNEY TRANSPLANT FROM UNCONTROLLED DONATION AFTER CIRCULATORY DEATH (UDCD)
Maria Molina, Eduardo Gutierrez, Enrique Morales, Esther Gonzalez, Amado Andres, Hosp Univ 12 Octubre, Nephrology Dept, Madrid, SPAIN.

RECURRENT URINARY TRACT INFECTIONS IN KIDNEY TRANSPLANT RECIPIENTS DURING THE FIRST YEAR INFLUENCE LONG TERM GRAFT FUNCTION
Francesco Pescel1, Marida Martinol1, Tiziana Rollo1, Marco Fiorentino1,2, Simona Simone1, Giovanni Stallone3, Giuseppe Grandaliano3, Schena Antonio1, Loreto Gesualdo1, Giuseppe Castellano1, 1Univ Studi Bari, Dept Emergency and Organ Transplantation (D.E.T.O.), Bari, ITALY, 2Univ Pittsburgh School Medicine, Dept Critical Care Medicine, Pittsburgh, PA, 3Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY.
MONDAY, JUNE 5

Posters

MP803
EPIDEMIOLOGICAL AND CLINICAL CHANGES OF DECEASED KIDNEY DONATION BETWEEN 1999 AND 2013 IN A REGION OF NORTHERN ITALY
Vania Cuna1, Giorgia Comai1, Maria Cappuccilli1, Olga Baraldi1, Irene Capelli1, Matteo De Liberali1, Lorenzo Gasperoni1, Diletta Conte1, Matteo Ravaoli2, Antonio D. Pinta2, Gaetano La Manna1, 1Univ Bologna, Experimental, Diagnostic and Specialty Medicine (Dimes) – Nephrology, Dialysis and Transplant Unit, Bologna, ITALY, 2Univ Bologna, General Surgery and Transplantation, Bologna, ITALY.

MP804
NON HLA ANTIGENS CALLED ANGIOTENSIN II TYPE 1 RECEPTORS (AT1R) IN RENAL TRANSPLANT PATIENTS WITH DETERIORATION OF TRANSPLANT FUNCTION ARE EXPRESSED MAINLY IN TUBULES BUT IN GLOMERULI SEEMS TO BE EXTREMELY IMPORTANT
Agnieszka Sas1, Mirosław Banasik1, Piotr Dioniży2, Katarzyna Kościelska Kasprzak3, Dorota Kamińska1, Daria Mazanowska1, Magdalena Krajewska1, Paweł Chudoba4, Agnieszka Halon2, Maria Boratyńska1, Marian Klinger1, 1Wrocław Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, POLAND, 2Wrocław Medical Univ, Dept Pathomorphology and Oncological Cytology, Wrocław, POLAND, 3Wrocław Medical Univ, Research Lab, Wrocław, POLAND, 4Wrocław Medical Univ, Dept General, Vascular and Transplant Surgery, Wrocław, POLAND.

MP805
EFFECTS OF PROTON PUMP INHIBITORS ON KIDNEY TRANSPLANT RECIPIENTS
Omer Uludag1, Safak Mirioglu1, Ahmet B. Dirim1, Omer F. Akardere1, Arif Akyildiz1, Mehmet S. Sever2, 1İstanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, İstanbul, TURKEY, 2Istanbul Univ, Istanbul Fac Medicine, Div Nephrology, Istanbul, TURKEY.

MP806
PREPROCUREMENT KIDNEY BIOPSY AND DONOR DETERMINANTS OF SIX-MONTH RECOVERY OF GRAFT FUNCTION
Armando Coca1, Ana Lucía Valencia1, Alicia Sobrino1, Jimmy Sanchez1, Cristina Ferrer1, Carmen Aller1, Jesús Bustamante2, Alicia Mendiluce1, 1Hosp Clinico Univ, Nephrology, Valladolid, SPAIN, 2Univ Valladolid, Medicine, Dermatology and Toxicology, Valladolid, SPAIN.

MP807
T-CELL LARGE GRANULAR LYMPHOCYTE LEUKEMIA (T-LGL) LEUKEMIA IN KIDNEY TRANSPLANT AND REVIEW OF THE LITERATURE
Gaetano Alfonso1, Francesco Fontana1, Elisabetta Colaci2, Andrea Masserottii2, Leonardo Potenza2, Mario Luppi2, Gianni Cappelli1, 1Policlinico Modena, Nephrology, Modena, ITALY, 2Policlinico Modena, Hematology, Modena, ITALY.

MP808
KDPI USEFULNESS IN SPAIN: A COMPARISON WITH CLASSICAL ECD AND SCD
Carlos Arias-Cabral1, Marta J. Pérez-Sáez1, Dolores Redondo1, Carla Burballa1, Anna Buxeda1, Sheila Bermejó1, Adriana Sierra1, Andrea Buren2, Ana Zapatero3, Marta Crespo1, 1Hosp del Mar, Nephrology, Barcelona, SPAIN, 2Hosp del Mar, Epidemiology and Evaluation, Barcelona, SPAIN, 3Hosp del Mar, Intensive Care Medicine, Barcelona, SPAIN.

MP809
URINARY TRACT INFECTIONS IN EARLY POST KIDNEY TRANSPLANT PERIOD ARE A RISK FACTOR FOR RECURRENT INFECTIONS AND GRAFT FUNCTION DECLINE
Eleonora Francesca Pattonieri1,2, Valeria Corradetti1,2, Marilena Gregorini2,3, Maria Antonietta Grignano2, Maria Antonietta Grignano2, Luigia Scudeller3, Massimo Abelli6, Elena Ticozzelli6, Teresa Rampino2, 1Univ Pavia, PhD Experimental Medicine, Pavia, ITALY, 2Fondazione IRCCS Policlinico San Matteo, Nephrology, Dialysis and Transplantation, Pavia, ITALY, 3Fondazione IRCCS Policlinico San Matteo, Infectious Diseases, Pavia, ITALY, 4Univ Pavia, Internal Medicine and Therapeutics, Pavia, ITALY, 5Fondazione IRCCS Policlinico San Matteo, MSC epid, Scientific Direction, Clinical Epidemiology Unit, Pavia, ITALY, 6Fondazione IRCCS Policlinico San Matteo, General Surgery, Pavia, ITALY.

MP810
INCIDENTAL FINDINGS AMONG POTENTIAL LIVING RELATED KIDNEY DONORS AT A SINGLE NON-TRANSPLANTING CENTRE
Fatima Abdelaal, Karen Hodgson, Husham Rasheed, Heart of England NHS Foundation Trust, Renal Medicine, Birmingham, UK.

MP811
TRENDS IN RENIN ANGIOTENSIN ALDOSTERONE SYSTEM BLOCKADE IN KIDNEY TRANSPLANT RECIPIENTS
Izabella Kuzniuk-Glemin, Zbigniew Heliemiek, Dorota Adrych, Hanna Garnier, Jakub Wiśniewski, Przemysław Rutkowski, Leszek Tyllicki, Boleslaw Rutkowski, Alicja Debka-Ślizien, Medical Univ Gdańsk, Nephrology, Transplantology and Internal Medicine, Gdańsk, POLAND.
Posters

MP812 ASSOCIATION OF FETUIN GENE POLYMORPHISMS WITH CORONARY ARTERY CALCIFICATIONS AND MORTALITY IN RENAL TRANSPLANT AND CHRONIC KIDNEY DISEASE PATIENTS
Svetlana Jovicic Pavlovic1, Sanja Simic Ogrizovic2,3, Violeta Dopsaj4, Ivana Novakovic5, Zoran Bukumiric6, Radomir Naumovic1,3, 1Clinic Nephrology, Clinical Centre Serbia, Transplant Nephrology, Belgrade, SERBIA, 2Clinic Nephrology, Clinical Centre Serbia, Nephrology, Belgrade, SERBIA, 3Medical School, Univ Belgrade, Nephrology, Belgrade, SERBIA, 4Medical School, Univ Belgrade, Inst Biochemistry, Belgrade, SERBIA, 5Medical School, Univ Belgrade, Inst Human Genetics, Belgrade, SERBIA, 6Medical School, Univ Belgrade, Inst Medicine Statistics, Belgrade, SERBIA.

MP813 HIGH LEVELS OF PARATHYROID HORMONE AFTER ONE MONTH OF RENAL TRANSPLANTATION ARE RELATED TO LONG TERM GRAFT LOSS
Carlo Maria Alfieri, Maria Teresa Gandolfo, Valentina Binda, Donata Cresseri, Maria Rosaria Campise, Anna Regalia, Francesca Zanon, Maria Meneghini, Piergiorgio Messa, Fondazione IRCCS Ca’ Granda Osp Policlinico Maggiore, Nephrology, Dialysis and Renal Transplantation, Milan, ITALY.

MP814 THE IMPACT OF FUNCTIONING HEMODIALYSIS ARTERIOVENOUS ACCESS ON RENAL GRAFT PERFUSION: RESULTS OF A PILOT STUDY
Ivo Laranjinha1, Patricia Matias1,2, Regina Oliveira1, Ana Casqueiro1, Maria Teresa Bento3, Ana Paula Carvalho3, Teresa Adragão1, Cristina Jorge1, Margarida Bruges1, Rita Birne1, Zilla Cerqueira1, Domingos Machado1, André Weigert1,4, 1Hosp Santa Cruz, Kidney Transplant Unit, Nephrology Dept, Lisbon, PORTUGAL, 2Nova Medical School, Fac Ciências Médicas, Lisbon, PORTUGAL, 3Centro Hosp Lisboa Ocidental, Dept Radiology, Lisbon, PORTUGAL, 4Univ Lisbon, Fac Medicina, Lisbon, PORTUGAL.

MP815 EXTRACORPOREAL PHOTOCHEMOTHERAPY FOR THE PREVENTION OF RENAL TRANSPLANT REJECTION. LONG-TERM OBSERVATION
Veronika A. Fedulkina, Alexander V. Kildushevsky, Alexey B. Zulkarnaev, Alexander A. Smolyakov, Moscow Regional Research and Clinical Inst (MONIKI), Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP816 A STUDY OF THE MAIN DETERMINANTS OF KIDNEY ALLOGRAFT LONG TERM SURVIVAL IN THE ERA OF NEW IMMUNOSUPPRESSIVE DRUGS
Reza Hekmat1, Mark Sturdevant2, MJ Mohajedi3, Maryam Esmeilpour4, 1Mashhad Univ Medical Sciences, Ghaem Hosp, Nephrology, Mashhad, IRAN, 2Pittsburg Univ, Starzel Inst Transplantation, Pittsburgh, PA, 3MUMS, Mashhad, IRAN, 4MUMS, Nephrology, Mashhad, IRAN.

MP817 FERUMOXYTOL-ENHANCED MAGNETIC RESONANCE ANGIOGRAPHY FOR THE ASSESSMENT OF POTENTIAL KIDNEY TRANSPLANT RECIPIENTS
Sokratis Stoumpos1,2, Martin Hennesy3, Alex T. Vesey2, Aleksandra Radjenvic1, Ram Kasthuri3, David B. Kingsmore2, Giles Roditi3, Patrick B. Mark2,1, 1Univ Glasgow, Cardiovascular Research Centre, Glasgow, UK, 2Queen Elizabeth Univ Hosp, Renal & Transplant Unit, Glasgow, UK, 3Queen Elizabeth Univ Hosp, Radiology, Glasgow, UK.

MP818 DOES CARDIAC RESERVE IMPROVE WITH RENAL TRANSPLANTATION

MP819 C REACTIVE PROTEIN IS MODULATED BY SUBCLINICAL ACUTE REJECTION IN KIDNEY ALLOGRAFT SURVEILLANCE BIOPSIES
Clara García Carro1, Christina Dörjé2, Anders Åsberg2, Karsten Midtvedt2, Hallvard Holdaas2, Anna V. Reisaeter2, Daniel Serón1, 1Hosp Vall d’Hebron, Nephrology, Barcelona, SPAIN, 2Oslo Univ Hosp RiksHospitalet, Transplant Medicine, Oslo, NORWAY.

MP820 SCREENING OF POLYOMAVIRUSES INFECTION IN KIDNEY TRANSPLANT RECIPIENTS
Michał Komorniczak, Ewa Król, Sławomir Lizakowski, Alicja Dębska-Sliżień, Medical Univ Gdańsk, Dept Nephrology, Transplantology and Internal Diseases, Gdańsk, POLAND.
MP821
THE EFFECT OF CARDIOVASCULAR AND CEREBROVASCULAR COMORBIDITIES ON THE OUTCOMES OF AFTER KIDNEY TRANSPLANTATION
Alparslan Ersoy1, Abdulmecit Yildiz1, Aysegul Oruc1, Yavuz Ayar1, Canan Ersoy2. 1Uludag Univ Medical Fac, Nephrology, Bursa, TURKEY, 2Uludag Univ Medical Fac, Endocrinology, Bursa, TURKEY.

MP822
DEVELOPING CONSENSUS BASED PRIORITY OUTCOME DOMAINS FOR TRIALS IN KIDNEY TRANSPLANTATION: A MULTINATIONAL DELPHI SURVEY WITH PATIENTS, CAREGIVERS AND HEALTH PROFESSIONALS
Bénédicte Sautenet1, Allison Tong2, Karine Manera2, Jeremy R. Chapman3, Anthony N. Warrens4, David Rosenbloom5, Germaine Wong3, John Gill6, Klemens Budde7, Lionel Rostaing8, Lorna Marson9, Michelle A. Josephson10, Peter P. Reese11, Timothy L. Pruett12, Camilla S. Hanson2, Donal O'Donoghue13, Jean-Michel Halimi14, Kirsten Howard14, Martin Howell2, Nicole Evangelidis2, Jonathan C. Craig2, on behalf of the SONG-Tx Investigators, 1CHU Bretonneau, Nephrology and Clinical Immunology, Tours, FRANCE, 2Children’s Hosp Westmead, Centre Kidney Research, Westmead, AUSTRALIA, 3Westmead Hosp, Centre Transplant and Renal Research, Westmead, AUSTRALIA, 4Queen Mary Univ London, School Medicine and Dentistry, London, UK, 5ESRD Network 18, Los Angeles, CA, 6Univ British Columbia, Div Nephrology, Vancouver, BC, CANADA, 7Charité - Universitätsmedizin, Dept Nephrology, Berlin, GERMANY, 8CHU Michallon, Clinique Univ Nephrologie, Grenoble, FRANCE, 9Univ Edinburgh, Transplant Unit, Edinburgh, UK, 10Univ Chicago, Dept Medicine, Chicago, IL, 11Univ Pennsylvania Perelman School Medicine, Renal Div, Philadelphia, PA, 12Univ Minnesota, Dept Surgery, Minneapolis, MN, 13Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK, 14Univ Sydney, Sydney School Public Health, Sydney, AUSTRALIA.
PAEDIATRIC NEPHROLOGY

MP823
MANAGEMENT OF CHILDREN WITH CONGENITAL NEPHROTIC SYNDROME - LESSONS FROM AN ESPN SURVEY
Stephanie Dufek1, Elisa Ylinen2, Agnes Trautmann3, Claus P. Schmitt3, Enrico Vidal4, Andrea Pasini5, Constantinos Stefanidis, Argyroupa Zampetoglou6, Alberto Edelfonti7, Tuula Holttaa7, Ruksana Shroff1, 1Great Ormond Street Hosp, Paediatric Nephrology, London, UK, 2Univ Helsinki and Helsinki Univ Hosp, Pediatric Nephrology, Helsinki, FINLAND, 3Center Pediatric & Adolescent Medicine, Pediatric Nephrology, Heidelberg, GERMANY, 4Univ Hosp Padova, Pediatric Nephrology, Padova, ITALY, 5Azienda Osp Univ Sant’Orsola-Malpighi, Pediatric Nephrology, Bologna, ITALY, 6A & P Kyrriakou, Children’s Hosp, Pediatric Nephrology, Athens, GREECE, 7Fondazione IRCCS Ca’ Granda Osp Maggiore Policlinico, Pediatric Nephrology, Milan, ITALY.

MP824
BILATERAL NEPHRECTOMY IN CHILDREN WITH CONGENITAL NEPHROTIC SYNDROME - IS IT STILL THE WAY TO GO
Stephanie Dufek1, Elisa Ylinen2, Agnes Trautmann3, Harika Alpay4, Mesiha Ekim5, Gema Ariceta6, Fabio Paglialonga7, Alberto Edelfonti7, Justine Bacchetta8, Valerie S. Conti9, Aysun Bayazit10, Sevcan Bakkaloglu11, Tuula Holttaa7, Ruksana Shroff1, 1Great Ormond Street Hosp Children NHS Foundation Trust, Pediatric Nephrology, London, UK, 2Univ Helsinki and Helsinki Univ Hosp, Pediatric Nephrology, Helsinki, FINLAND, 3Center Pediatric & Adolescent Medicine, Pediatric Nephrology, Heidelberg, GERMANY, 4Univ Hosp, Pediatric Nephrology, Madrid, SPAIN, 5Azienda Osp Univ Sant’Orsola-Malpighi, Pediatric Nephrology, Bologna, ITALY, 6A & P Kyrriakou, Children’s Hosp, Pediatric Nephrology, Athens, GREECE, 7Fondazione IRCCS Ca’ Granda Osp Maggiore Policlinico, Pediatric Nephrology, Milan, ITALY, 8Hôp Feme Mère Enfant, Pediatric Nephrology, Lyon, FRANCE, 9Mater Dei Hosp, Pediatric Nephrology, Msida, MALTA, 10Cukurova Univ, Pediatric Nephrology, Adana, TURKEY, 11Gazi Univ Hosp, Pediatric Nephrology, Ankara, TURKEY.

MP825
ANTHROPOMETRY AND CLINICAL OUTCOMES IN PAEDIATRIC RRT - RESULTS FROM THE ESPN/ERA-EDTA REGISTRY
Marjolein Bonthuis1, Jaap W. Groothof2, Jérôme Harambat3, Kitty J. Jager1, 1ESPN/ERA-EDTA Registry, Academic Medical Center, Univ Amsterdam, Medical Informatics, Amsterdam, NETHERLANDS, 2Emma Children’s Hosp, Academic Medical Center, Univ Amsterdam, Pediatric Nephrology, Amsterdam, NETHERLANDS, 3Emma Children’s Hosp, Academic Medical Center, Univ Amsterdam, Pediatric Nephrology, Amsterdam, NETHERLANDS, 3Bordeaux Univ Hosp, Pediatric Nephrology Unit, Bordeaux, FRANCE.

MP826
THE ASSOCIATION OF DONOR AND RECIPIENT AGE WITH GRAFT SURVIVAL IN PEDIATRIC RENAL TRANSPLANT RECIPIENTS - AN ESPN/ERA-EDTA REGISTRY STUDY
Nicholas Chesnaye1, Karlijn van Stralen2, Marjolein Bonthuis1, Jaap W. Groothof3, Jérôme Harambat4, Franz Schaefer5, Nur Canpolat6, Arnaud Garnier7, James Heaf8, Huib de Jong9, Søren Schwartz10, Burkhard Tonshoff11, Kitty J. Jager1, 1ESPN/ERA-EDTA Registry and ERA-EDTA Registry, Medical Informatics, Amsterdam, NETHERLANDS, 2Spaarne Gasthuis, Spaarne Gasthuis Academie, Hoofddorp, NETHERLANDS, 3Emma Children’s Hosp AMC, Dept Pediatrics, Amsterdam, NETHERLANDS, 4Bordeaux Univ Hosp, Dept Pediatrics, Bordeaux, FRANCE, 5Univ Heidelberg, Div Paediatric Nephrology, Heidelberg, GERMANY, 6Istanbul Univ, Cerrahpasa Fac Medicine, Istanbul, TURKEY, 7Toulouse Univ Hosp, Pediatric Nephrology Unit, Toulouse, FRANCE, 8Zealand Univ Hosp, Dept Medicine, Roskilde, DENMARK, 9Erasmus Medical Center, Dept Nephrology, Rotterdam, NETHERLANDS, 10Copenhagen Univ Hosp, Dept Nephrology, Copenhagen, DENMARK, 11Univ Children’s Hosp, Dept Pediatrics I, Heidelberg, GERMANY.

MP827
A FIRST DESCRIPTION OF AN ADULT COHORT OF AUTOSOMAL RECESSIVE POLYCYSTIC KIDNEY DISEASE PATIENTS ON DIALYSIS
Max C. Liebau1,2,3, Kathrin Ebner1, Xiaoling Ye4, Gero von Gersdorff3, Jochen Raimann4, Peter Kotanko4,5, Franklin W. Maddux6, Len A. Usykata4,6, 1Univ Hosp Cologne, Dept Pediatrics, Cologne, GERMANY, 2Univ Hosp Cologne, Center Molecular Medicine, Cologne, GERMANY, 3Univ Hosp Cologne, Dept Medicine II, Cologne, GERMANY, 4Research Inst, Research Lab, New York, NY, 5Cukurova Univ School Medicine Mount Sinai, Medicine-Nephrology, New York, NY, 6Fresenius Medical Care North America, Medical Office, Waltham, MA.

MP828
ENDOTHELIAL DYSFUNCTION IN CHILDREN WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE Svetlana Papizh1, Vladimir Dlin1, Marina Dobrinina2, Irina Leontieva3, Konstantin Tutelman2, 1Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Dept Hereditary and Acquired Diseases Kidneys, Moscow, RUSSIAN FEDERATION, 2Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Dept Functional Diagnostics, Moscow, RUSSIAN FEDERATION, 3Research and Clinical Inst Pediatrics Pirogov Russian National Research Medical Univ, Dept Pediatric Cardiology and Arrhythmology, Moscow, RUSSIAN FEDERATION.
Posters

MP829
EFFECT OF NONSTEROIDAL ANTI-INFLAMMATORY DRUGS IN CHILDREN WITH BARTTER SYNDROME
Gael Gassengo Koumou, Olivier Niel, Theresa Kwon, Marie-Alice Macher, Anne Maisin, Veronique Baudouin, Georges Deschenes, Julien Hogan, Robert Debré Hosp, Pediatric Nephrology, Paris, FRANCE.

MP830
SINGLE PASS ALBUMIN DIALYSIS IN PEDIATRIC PATIENTS- SINGLE CENTER EXPERIENCE
Natasa Stajic, Inst Mother and Child Health Care, Nephrology, Belgrade, SERBIA.

MP832
THROMBOEMBOLISM IN CHILDREN WITH CONGENITAL NEPHROTIC SYNDROME - LESSONS FROM AN ESPN SURVEY
Stephanie Dufek1, Elisa Ylinen2, Agnes Trauttmann3, Hazel Webb1, Andrea Pasini4, Gema Ariceta5, Tuula Holtti2, Ruksana Shroff1, IGreat Ormond Street Hosp Children NHS Foundation Trust, Pediatric Nephrology, London, UK, 2Univ Helsinki and Helsinki Univ Hosp, Pediatric Nephrology, Helsinki, FINLAND, 3Center Paediatric & Adolescent Medicine, Pediatric Nephrology, Heidelberg, GERMANY, 4Azienda Osp Univ Sant’Orsola-Malpighi, Pediatric Nephrology, Bologna, ITALY, 5Hosp Materon Infantil Vall d’Hebron, Pediatric Nephrology, Barcelona, SPAIN.

MP833
ASSESSMENT OF THE VALUE OF URINARY KIDNEY INJURY MOLECULE-1 (UKIM-1) AS AN EARLY PREDICTOR OF ACUTE KIDNEY INJURY (AKI) IN FULL TERM ASPHYXIATED NEONATES
Doaa Youssef1, Hanan Elsherbiny2, Doaa Tawfeek2, IZagazig Univ, Pediatrics, Cairo, EGYPT, 2Zagazig Univ, Pediatrics, Zagazig, EGYPT.

MP834
NEPHROPATHIC CYSTINOSIS: 25 YEAR DUAL CENTRE FOLLOW UP
Louise Pittendrigh, Claire Hagerty, Ian Ramage, Royal Hosp Children, Glasgow, Paediatric Nephrology, Glasgow, UK.

MP835
THE ROLE OF GENE POLYMORPHISM OF ACE AND MARKERS OF SCEROSIS IN REFLUX NEPHROPATHY IN CHILDREN WITH VESICOURETERAL REFLUX
Natalia Zaicova1, Vladimir Dlin2, Nelli Revenco3, Anatolii Korsunschii4, IInst Mother and Child Care, Pediatric Nephrology, Kishinev, MOLDOVA, 2N.I. Pirogov Russian National Research Medical Univ, Pediatric, Moscow, RUSSIAN FEDERATION, 3Inst Mother and Child Care, Pediatric, Kishinev, MOLDOVA, 4Dept Pediatrics and Communicable Diseases, I.M. Sechenov First Moscow State Medical Univ, Pediatric, Moscow, RUSSIAN FEDERATION.

MP836
C3 GLOMERULOPATHY, CLINICO-PATHOLOGICAL PROFILE AND RENAL OUTCOME
Richa Prakash, Amish Udani, Alpana Ohri, Atul Deokar, Shashank Parekhji, Uma S. Ali, Bai Jerbai Wadia Hosp Children, Pediatric Nephrology, Mumbai, INDIA.

MP837
LAMA5 VARIANTS IN CHILDHOOD STEROID-RESISTANT NEPHROTIC SYNDROME: CANDIDATE GENE MUTATIONS OR INCIDENTAL FINDINGS?
Larisa Prikhodina1,2, Marina Lebedenkova1, Svetlana Papizh1, Peter Shatalov3, IResearch Inst Pediatrics, Pirogov Russian National Research Medical Univ, Inherited and Acquired Kidney Diseases, Moscow, RUSSIAN FEDERATION, 2Russian Academy Medical Continuous Postgraduate Education, Pediatrics, Moscow, RUSSIAN FEDERATION, 3Research Inst Pediatrics, Pirogov Russian National Research Medical Univ, General Pathology Lab, Moscow, RUSSIAN FEDERATION.

MP838
DEFINING OPTIMAL WEIGHT IN CHILDREN WITH CHRONIC KIDNEY DISEASE AND ON DIALYSIS: A COMPARISON OF TECHNIQUES
Posters

**MP839**
THE ROLE OF ADAMTS13 ACTIVITY IN ASSESSMENT OF SEVERITY IN SHIGA-TOXIN ASSOCIATED AND ATYPICAL HEMOLYTIC UREMIC SYNDROME IN CHILDREN

Olga Orlova1, Khadizha Emirova2, Evgeniya Tolstova2, Alexandr Muzurov3, Tatyana Pankratenko4, Tatyana Abaseeva4, Anastasya Makulova4, Pavel Avdonin6, 1Moscow State Medical Dentist Univ, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Moscow State Medical Dentist Univ named after A.I. Evdokimov, Pediatric, Moscow, RUSSIAN FEDERATION, 3Russian Medical Academy Post-Graduate Education, Pediatric Intensive Care, Moscow, RUSSIAN FEDERATION, 4Moscow Regional Research Clinical Inst named after M.F. Vladimirsky, Children’s Dialysis, Moscow, RUSSIAN FEDERATION, 5Russian National Research Medical Univ named after N.I. Pirogov, Pediatric, Moscow, RUSSIAN FEDERATION, 6Inst Developmental Biology named after N.K. Koltsov, Lab Receptor Physiology and Signaling Systems, Moscow, RUSSIAN FEDERATION.

**MP840**
HEART DISORDERS IN ATYPICAL HEMOLYTIC UREMIC SYNDROME IN CHILDREN

Khadizha Emirova1, Evgeniya Tolstova2, Olga Orlova1, Tatyana Pankratenko2, Alexandr Muzurov3, Tatyana Abaseeva2, Anastasya Makulova4, 1Moscow State Medical Dentist Univ, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Moscow Regional Research Clinical Inst named after M.F. Vladimirsky, Children’s Dialysis, Moscow, RUSSIAN FEDERATION, 3Russian Medical Academy Post-Graduate Education, Pediatric Intensive Care, Moscow, RUSSIAN FEDERATION, 4Russian National Research Medical Univ named after N.I. Pirogov, Pediatric, Moscow, RUSSIAN FEDERATION.

**MP841**
NEOPTERIN, MCP-1 AND MCSF AS NEW MARKERS OF TUBULAR DAMAGE IN CHILDREN WITH CHRONIC KIDNEY DISEASE ON CONSERVATIVE TREATMENT

Kinga Musial1, Dorota Drozd2, Danuta Zwoilinska1, 1Wroclaw Medical Univ, Dept Pediatric Nephrology, Wroclaw, POLAND, 2Jagiellonian Univ, Dept Pediatric Nephrology, Cracow, POLAND.

**MP842**
IS OBESITY ASSOCIATED WITH PROGRESSION OF STEROID-RESISTANT NEPHROTIC SYNDROME IN CHILDREN?

Larisa Prikhodina1,2, Marina Lebedenkov1, Svetlana Papizh1, Zilya Bashirova1, 1Research Inst Pediatrics, Pirogov Russian National Research Medical Univ, Inherited and Acquired Kidney Diseases, Moscow, RUSSIAN FEDERATION, 2Russian Academy Medical Continuous Postgraduate Education, Pediatrics, Moscow, RUSSIAN FEDERATION.

**MP843**
INCIDENCE AND RISK FACTORS OF HYPERKALEMIA IN PEDIATRIC PATIENTS

Hairong Xu1, Alessandro Gasparini2, Erik Nilsson3,4, Lars H. Lund5, Juan J. Carrero6, 1AstraZeneca, Medical Evidence and Observational Research, Gaithersburg, MD, 2Univ Leicester, Dept Health Sciences, Leicester, UK, 3Karolinska Inst, Dept Clinical Sciences, Intervention and Technology (CLINTEC), Stockholm, SWEDEN, 4Orebro Univ, Dept Internal Medicine, Orebro, SWEDEN, 5Karolinska Inst, Medicine, Stockholm, SWEDEN, 6Karolinska Inst, CLINTEC, Huddinge, SWEDEN.

**MP844**
DONOR-SPECIFIC ANTIBODIES IN CHILDREN AFTER KIDNEY TRANSPLANTATION

Jitka Lachova1, Antonij Slavcev2, Iva Fornaumova2, Petra Vichova2, Sarka Stolbova1, Jakub Zieg1, Nadezda Simankova1, Jiri Dusek1, Karel Vondrak1, Tomas Seeman1, 1Second Fac Medicine, Charles Univ and Univ Hosp Motol, Dept Paediatrics, Prague, CZECH REPUBLIC, 2Institute of Clinical and Experimental Medicine (IKEM), Dept Immunogenetics, Prague, CZECH REPUBLIC.

**MP845**
MICROALBUMINURIA AND BLOOD PRESSURE IN OBESE CHILDREN

Teresa Papalia1, Martina Bonofiglio2, Rosita Greco1, Danilo Lofaro2, Agata Mollica1, Renzo Bonofiglio2, 1Annunziata Hosp, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY, 2Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, ITALY.

**MP846**
HEALTH-RELATED QUALITY OF LIFE IN CHILDREN WITH CHRONIC KIDNEY DISEASE - INTRODUCTION INTO ROUTINE CARE

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**MP847**
RAAS INHIBITORS USE AND FACTORS ASSOCIATED WITH ADHERENCE IN CHILDHOOD CKD

Chien-Ning Hs1, You-Lin Tain2, 1Kaohsiung Chang Gung Memorial Hosp, Dept Pharmacy, Kaohsiung, TAIWAN, 2Kaohsiung Chang Gung Memorial Hosp, Div Pediatric Nephrology, Kaohsiung, TAIWAN.
MP848
URINARY INTERLEUKIN-6 AND INTERLEUKIN-8 EXCRETION IN CHILDREN WITH VESICOURETERAL REFLUX
Oksana Morozova, Nataliia Makieieva, Yanina Zagorska, Konstantyn Iushko, Kharkiv National Medical Univ, Pediatrics #2, Kharkiv, UKRAINE.

MP849
20 YEARS OF GROWTH HORMONE TREATMENT IN CHILDREN WITH CHRONIC KIDNEY DISEASE IN POLAND - RESULTS OF NATIONAL MULTICENTRE STUDY
Beata Leszczyńska, Dominika Adamczuk, Piotr Skrzypczyk, Anna Majcher, Beata Pyrzak, Maria Szczepanska, Piotr Adamczyczyk, Ilona Zagożdzon, Aleksandra Zurowska, Marcin Tkaczyk, Anna Jander, Przemyslaw Sikora, Anna Wasilewska, Alfred Warzywoda, Katarzyna Kiliś-Pstrusinska, Danuta Zwolinska, Katarzyna Zachwieja, Dorota Drozdz, Roman Stankiewicz, Wioletta Jarmuzek, Małgorzata Panczyk-Tomaszewskaa, 1Medical Univ Warsaw, Dept Pediatrics Nephrology, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Pediatrics Nephrology, Warsaw, POLAND, 3Medical Univ Silesia, Dept Pediatrics Nephrology, SMDZ Zabrze, Zabrze, POLAND, 4Medical Univ Gdansk, Dept Paediatrics, Nephrology and Hypertension, Gdansk, POLAND, 5Polish Mother’s Memorial Hosp Research Inst, Dept Pediatrics and Immunology with Nephrology Unit, Lodz, POLAND, 6Medical Univ Lublin, Dept Paediatric Nephrology, Lublin, POLAND, 7Medical Univ Białystok, Dept Pediatrics Nephrology, Białystok, POLAND, 8Poznan Univ Medical Sciences, Dept Pediatrics Cardiology and Nephrology, Poznan, POLAND, 9Wrocław Medical Univ, Dept Pediatrics Nephrology, Wrocław, POLAND, 10Medical Univ Wroclaw, Dept Paediatric Nephrology, Wrocław, POLAND, 11Jagiellonian Univ Medical College, Dept Pediatric Nephrology, Krakow, POLAND, 12Provincial Polyclinical Hosp Toruń, Dept Pediatrics Nephrology, Toruń, POLAND, 13Children’s Memorial Health Inst, Dept Nephrology, Kidney Transplantation and Hypertension, Warsaw, POLAND, 14Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, POLAND.

MP850
HYPERTENSION IN CHILDREN WITH CHRONIC KIDNEY DISEASE
Inna Dryl, Margaryta Gonchar, Tetyana Kolibaeva, Nataly Pidvalnaja, Georgy Muratov, Olena Pushkar, Nataly Khmara, Jelizaveta Petrenko, 1Kharkiv National Medical Univ, Pediatrics #1 and Neonatology, Kharkiv, UKRAINE, 2Kharkiv National Medical Univ, Pediatrics and Neonatology №1, Kharkiv, UKRAINE, 3Regional Children’s Clinical Hosp, Nephrology, Kharkiv, UKRAINE, 4Regional Children’s Clinical Hosp, Head Regional Children’s Hosp, Kharkiv, UKRAINE, 5Regional Children’s Clinical Hosp, Deputy Head Regional Children’s Hosp, Kharkiv, UKRAINE.

MP851
PEDIATRIC PATIENT WITH DENGUE FEVER AND ASSOCIATED MULTIORGAN DYSFUNCTION SYNDROME (MODS) RECEIVING HAEMOADSORPTION USING CYTOSORB - A CASE REPORT ON CLINICAL EXPERIENCE
Nagasudheerkumar Mekala, Sridhar Damera, 1Rainbow Childrens Hosp, Pediatric Nephrology, Vijayawada, INDIA, 2Rainbow Childrens Hosp, Pediatric Intensive Care, Vijayawada, INDIA.

MP852
PULMONARY FUNCTION TESTS AND PLASMA NITRIC OXIDE LEVELS IN PEDIATRIC HEMODIALYSIS
Doaa M. Youssef, Rabab Elbehidy, Dina Abdelkader, Mahmoud Kheder, Zagazig Univ, Pediatrics, Zagazig, EGYPT.

MP853
THE ASSOCIATION OF MATRIX METALLOPROTEINASES-2, 9 AND ENDOTHELIAL DYSFUNCTION WITH CARDIOVASCULAR DISEASE IN CHILDREN WITH END STAGE RENAL DISEASE
Amin Abedini, Alaleh Gheissari, Rohksareh Meamari, Peyman Roomizadeh, 1Isfahan Kidney Diseases Research Center, Nephrology, Isfahan, IRAN, 2Isfahan Kidney Diseases Research Center, Pediatric Nephrology, Isfahan, IRAN.

MP854
ARTHROPATHY IN PATIENTS WITH INFANTILE NEPHROPATHIC CYSTINOSIS AND A POTENTIAL PHENOTYPIC ASSOCIATION WITH THE C.473T>C MUTATION
Douglas Stewart, Ian Ramage, 1Royal Hosp Children, Renal Unit, Glasgow, UK, 2Queen Elizabeth Univ Hosp, West Scotland Genetic Services, Glasgow, UK.

MP855
GENETIC TESTING OF WT1, NPHS2 AND NPHS1 GENES IN CZECH PEDIATRIC PATIENTS WITH STEROID-RESISTANT NEPHROTIC SYNDROME IDENTIFIED THE GENETIC BACKGROUND IN 25 % CASES
Sarka Stolbova, Jakub Zieg, Nadezda Simankova, Jitka Lachova, Tomas Rosik, Jiri Dusek, Karel Vondrak, Martin Bezdic, Ondrej Cinek, Stepanka Pruhotova, Tomas Seeman, Second Fac Medicine, Charles Univ Prague and Univ Hosp Motol, Pediatrics, Prague, CZECH REPUBLIC.

MP856
GENE POLYMORPHISM OF IL-1B AND IL-10
Anna Zeniengerodzka, Veronica Dudnyk, Vinnitsa National Medical Univ, Paediatric №2, Vinnitsa, UKRAINE.
MP857
IMMUNOSUPPRESSIVE TREATMENT IN CHILDREN WITH IGAN AND HSN - NATIONAL STUDY
Małgorzata Mizerska-Wasiak1, Agnieszka Tuczyn1, Agnieszka Such1, Karolina Cichoń-Kawa1, Małgorzata Pańczyk-Tomaszewńska1, Jagoda Małdyk2, Monika Mikłaszewska3, Jacek Pietrzyk3, Agnieszka Rybi-Szumińska4, Anna Wasielska4, Agnieszka Firszt-Adamczyk5, Roman Stankiewicz5, Beata Bieniaś6, Maria Zajączkowska6, Agnieszka Pużajło-Marczyk7, Danuta Żwolińska7, Katarzyna Siniewicz-Lużniak8, Marcin Tkaczyk8, Katarzyna Gadomska-Prokoń4, Ryszard Grenda9, Magdalena Drożynska-Duklas10, Aleksandra Żurowska10, Maria Szczepańska11, 1Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, POLAND, 2Medical Univ Warsaw, Dept Pathology, Warsaw, POLAND, 3Medical Univ Lublin, Dept Pediatric Nephrology, Lublin, POLAND, 4Medical Univ Bialystok, Dept Pediatrics and Nephrology, Białystok, POLAND, 5Ludwik Rydygier Hosp, Dept Pediatrics and Nephrology, Torun, POLAND, 6Medical Univ Lublin, Dept Pediatric Nephrology, Lublin, POLAND, 7Wrocław Medical Univ, Dept Pediatric Nephrology, Wrocław, POLAND, 8Polish Mothers Memorial Hosp Research Inst, Dept Pediatrics, Immunology and Nephrology, Lodz, POLAND, 9Children’s Memorial Health Inst, Dept Nephrology and Hypertension, Warsaw, POLAND, 10Medical Univ Gdańsk, Dept Pediatrics, Nephrology and Hypertension, Gdańsk, POLAND, 11SMDZ Zabrze, Silesian Medical Univ, Dept Pediatrics, Katowice, POLAND.

MP858
ECHOCARDIOGRAPHY PARAMETERS IN CHILDREN WITH CKD STAGES 3-5
Tatiana Pankratenko1, Tatiana Abaseeva1, Alexander Burov1, Olga Orlova2, Khadiza Emirova2, 1Moscow Regional Research and Clinical Inst, Pediatric Dialysis, Moscow, RUSSIAN FEDERATION, 2Moscow State Medical-Dental Univ, Dept Pediatrics, Moscow, RUSSIAN FEDERATION.

MP859
PEDIATRIC DIALYSIS PATIENTS IN GHARDAIA
Messaoud Hadj Mahammed, Central Hosp Ghardaia, Dr Tirichine Brahim Hosp, Nephrology, Ghardaia, ALGERIA.

MP860
RETROSPECTIVE EVALUATION AND FOLLOW-UP OF PATIENTS UNDERGOING VENOUS THROMBOSIS OF RE-NAL VEINS IN THE NEONATAL PERIOD
Evgeniya Tolstova1, Khadiza Emirova1, Elena Olchova2, Olga Orlova1, Sophia Mstislavskaya1, Alexandra Zhukovskaya1, Aleksey Shaykin3, Nadezhda Zaytseva1, 1Moscow State Medical Dentist Univ named after A.I. Evdokimov, Pediatrics, Moscow, RUSSIAN FEDERATION, 2Moscow State Medical-Dental Univ, Histopathology, Moscow, RUSSIAN FEDERATION, 3Children’s City Hosp #1, Dialysis, St. Petersburg, RUSSIAN FEDERATION.

MP861
RARE PRESENTATION OF ATYPICAL HEMOLYTIC UREMIC SYNDROME(AHUS) AS RENOMEGALY TREATED SUCCESSFULLY WITH ECULIZUMAB
Gurinder Kumar1, Mohammed K. Alghabra1, Zubaida Alismail1, Omar Almasri1, Eslam Tawfik1, Aman P. Sohal2, Bassem S. Hendawy3, Eihab Alkhassawneh1, Sheikh Khalifa Medical City, Pediatric Nephrology, Abu Dhabi, UNITED ARAB EMIRATES, 2Sheikh Khalifa Medical City, Pediatric Neurology, Abu Dhabi, UNITED ARAB EMIRATES, 3Sheikh Khalifa Medical City, Histopathology, Abu Dhabi, UNITED ARAB EMIRATES.

MP862
CLINICAL PROFILE AND OUTCOME OF CHILDREN WITH CHRONIC KIDNEY DISEASE FROM A SOCIO-ECONOMICALLY DISADVANTAGED POPULATION
Richa Prakash, Vaishali More, Amish Udani, Alpana Ohri, Uma S. Ali, Bai Jerbai Wadia Hosp Children, Pediatric Nephrology, Mumbai, INDIA.

MP863
PERITONEAL DIALYSIS CATHETER SURVIVAL RATE IN PAEDIATRIC PATIENTS IN KAZAKHSTAN
Marina Khvani1,2, Dulat Mustafinov3, Muratbek Bamysh2, Venera Altynova2, Nazarbayev Unv School Medicine, Dept Medicine, Astana, KAZAKHSTAN, 2Univ Medical Center, Dept Nephrology, Dialysis and Transplantation, Astana, KAZAKHSTAN, 3Univ Medical Center, Dept Surgery, Astana, KAZAKHSTAN.
HISTORY OF NEPHROLOGY

MP864
THE HISTORY OF THE RENAL LESIONS IN BARDET-BIEDL SYNDROME
Davide Viggiano1, Giovambattista Capasso2, Francesca Simonelli3, Valentina Di Iorio3, Pietro Anastasio2, Natale G. De Santo2, Miriam Zacchia2, 1Univ Campania Luigi Vanvitelli and Univ. Molise, Dept Cardiotoracic Sciences, Div Nephrology, Naples, ITALY, 2Univ Campania Luigi Vanvitelli, Dept Cardiotoracic sciences, Div Nephrology, Naples, ITALY, 3Univ Campania Luigi Vanvitelli, Dept Opthtalmology, Naples, ITALY.

MP865
LEO AMBARD (1876-1962): THE START OF MEASURED RENAL FUNCTION BY THE URÉO-SECRETORAGE CONSTATANTE AT THE UNIV PARIS
Carmela Bisaccia1, Natale G. De Santo2, 1Ist Mazzini Napoli, Dept Teaching, Naples, ITALY, 2Univ Campania, Dept Medicine, Naples, ITALY.

MP866
A BRIEF HISTORY OF THE STUDY OF DIFFUSION AND OSMOSIS IN THE CONTEXT OF DIALYSIS
Aleksei Zulkarnaev, Moscow Regional Research and Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP867
TO THE ORIGINS OF RENOPROTECTIVE IN CHRONIC KIDNEY DISEASE: PAST AND PRESENT OF THE RENIN-ANGIOTENSIN SYSTEM
Mariya Ivanova1, Olga Vetchinnikova2, Aleksei Zulkarnaev2, 1First Moscow State Medical Univ by I.M. Sechenov, Moscow, RUSSIAN FEDERATION, 2Moscow Regional Research and Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP868
CARMELO GIORDANO (1930-2016): A FOUNDER OF A SCHOOL RENAL NUTRITIONIST
Natale G. De Santo1, Carlo de Pascale2, Biagio R. Di Iorio3, 1Univ Campania Luigi Vanvitelli, Medicine, Naples, ITALY, 20sp Cotugno, Nephrology, Naples, ITALY, 3Osp Solofra, Nephrology, Solofra, ITALY.

MP869
HYSTORY OF CARDIORENAL SYNDROME
Daniela Tasic1, Sonja Radenkovic2, Djiana Stojeanovic2, Gordana Kocic3, Maja Milojkovic2, Radmila Radovanovic4, Zorica Dimitrijevic5, Branka Mitic5, Katarina Tasic4, Marko Stojeanovic5, 1CC Nis, Clinic Nephrology, Nis, SERBIA, 2Fac Medicine, Inst Pathophysiology, Univ Nis, SERBIA, 3Fac Medicine, Inst Biochemistry, Univ Nis, SERBIA, 4Fac Medicine, Dept Pharmacy, Univ Nis, SERBIA, 5Fac Medicine, Clinic Nephrology, Univ Nis, SERBIA.

MP870
MAGISTER MAURUS - THE “GALENIENUS SALERNITANUS" OF THE MEDICAL SCHOOL SALERNO
Matthaios Rigkos1, Anastasia Ptinopoulou2, 1Univ Hosp Heraklion Venizeleio General Hosp, Microbiology Lab Venizeleio General Hosp, Heraklion, GREECE, 2NHS Greater Glasgow and Clyde, Renal Unit, Glasgow, UK.

MP871
CROSSWORD: THROUGH THE HISTORY
Alexey Zulkarnaev, Andrey Vatazin, Vadim Stepanov, Moscow Regional Research and Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP872
RICHARD BRIGHT AND THE DISCOVERY OF KIDNEY DISEASE
Aleksei Zulkarnaev, Moscow Regional Research and Clinical Inst, Surgical Dept Transplantation and Dialysis, Moscow, RUSSIAN FEDERATION.

MP873
THE APPROACH OF GLOMERULAR DISEASE(GD) THROUGH THE PRISMA OF HISTORY AND PHILOSOPHY OF MEDICAL SCIENCE
Maria Kalientzidou1, Athanasios Diamantopoulos2, 1General Hosp, Nephrology, Kavala, GREECE, 2Louros Foundation, History of Medicine, Athens, GREECE.

MP874
THE FIRST RELATED LIVING DONOR KIDNEY TRANSPLANTATION AND THE GREEK CONTRIBUTION
Georgios Vlachopanos, Panagiota Papadaki, Garyfallia Perysinaki, Eirini Ntaountaki, Rethymnon General Hosp, Dept Nephrology, Rethymnon, GREECE.
Posters

MP875
WHO ARE YOU FRIEDERICH WEGENER
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MP876
THE TREATMENT OF RENAL STONES IN RATIO MEDENDI BOOK BY ANTONIO DE HAEN (1716)
Vincenzo Savica1, Pietro Bellinghieri2, Domenico Santoro2, Guido Gembillo2, Guido Bellinghieri2, 1National Research Council, Palermo-Messina, A. Monroy Inst Biomedicine and Molecular Immunology, Messina, ITALY, 2Univ Messina, Internal Medicine, Messina, ITALY.
REGISTRY POSTERS

Poster Area

REG 1
TURKEY
RENALE REGISTRY OF TURKEY: CHANGE OF RENAL REPLACEMENT MODALITIES IN THE LAST 10 YEARS
N Seyahi, Istanbul University, Cerrahpaşa Medical Faculty; K Ateş, Ankara University Medical Faculty; S Sezer, Başkent University Medical Faculty; MR Altiparmak, Istanbul University, Cerrahpaşa Medical Faculty; Z Tonbul, Necmettin Erbakan University, Medical Faculty; S Duman, Ege University Medical Faculty; I Kocyiğit, Erciyes University Medical Faculty; G Suleymanlar, Antalya University Medical Faculty, Turkey

REG 2
SWITZERLAND
DEMOGRAPHY OF THE DIALYSIS POPULATION IN SWITZERLAND
PM Ambühl and R Winzeler for the Swiss Renal Registry and Quality Assessment Program (srqqap), and Institute of Nephrology, Stadtspital Waid, Zurich, Switzerland

REG 3
SWITZERLAND
MORTALITY AND OTHER RELEVANT CLINICAL ENDPOINTS IN THE SWISS DIALYSIS POPULATION FOR THE 2015 CENSUS
PM Ambühl and R Winzeler for the Swiss Renal Registry and Quality Assessment Program (srqqap), and Institute of Nephrology, Stadtspital Waid, Zurich, Switzerland

REG 4
F.Y.R. OF MACEDONIA
TRENDS IN THE INCIDENCE AND PREVALENCE OF PATIENTS ON RRT OVER THE PERIOD 2002-2015 IN THE REPUBLIC OF MACEDONIA
O Stojceva-Taneva, G Selim, J Spasovska-Masin, and G Spasovki, University Clinic of Nephrology, University Sts Cyril and Methodius, Medical Faculty, Skopje, Republic of Macedonia

REG 5
LITHUANIA
EPIDEMIOLOGICAL DATA OF RENAL REPLACEMENT THERAPY IN LITHUANIA, 2013-2015
E Ziginskiene, Lithuanian Nephrology, Dialysis and Transplantation Association and Department of Nephrology, Medical Academy, Lithuanian University of Health Sciences; I Nedzelskienė, Lithuanian Nephrology, Dialysis and Transplantation Association; V Vainauskas, Lithuanian Nephrology, Dialysis and Transplantation Association; R Gaidelyte, Department of Health Statistics, Institute of Hygiene, Lithuania; R Vaiciuniene, Lithuanian Nephrology, Dialysis and Transplantation Association and Department of Nephrology, Medical Academy, Lithuanian University of Health Sciences, Lithuania

REG 6
SPAIN, ANDALUSIA
BASELINE CHARACTERISTICS PATIENTS UNDERGOING RENAL REPLACEMENT THERAPY IN ANDALUSIA: YEAR 2016
L Fuentes Sanchez, Department of Nephrology, Hospital Regional de Málaga; R Santamaria Olmo, Department of Nephrology, Hospital Reina Sofia, Córdoba; N Areste Fonsalva, Department of Nephrology, Hospital Virgen Macarena, Sevilla; R Garofano López, Department of Nephrology, Hospital Torrecardenas, Almería; G Velasco Barreno, Department of Nephrology, Hospital de Jerez, Cadiz; C Mañero Rodriguez, Department of Nephrology, Complejo Hospitalario de Granada; C Suárez Rodriguez, Department of Nephrology, Hospital Juan Ramón Jimenez, Huelva; P Pérez del Barrio, Department of Nephrology, Hospital de Jaen; P Castro de la Nuez, Autonomous Coordination of Transplants of Andalusia (CATA); M Alonso Gil, Autonomous Coordination of Transplants of Andalusia (CATA), Spain

REG 7
SPAIN, ANDALUSIA
EVOLUTION OF THE INCIDENCE AND PREVALENCE OF PATIENTS IN RENAL REPLACEMENT THERAPY IN ANDALUSIA
R Santamaria Olmo, Department of Nephrology, Hospital Reina Sofia, Córdoba; L Fuentes Sánchez, Department of Nephrology, Hospital Regional de Málaga; N Arete Fonsalva, Department of Nephrology, Hospital Virgen Macarena, Sevilla; R Garofano Lopez, Department of Nephrology, Hospital Torrecardenas, Almeria; G Velasco Barreno, Department of Nephrology, Hospital de Jerez, Cadiz; C Manero Rodriguez, Department of Nephrology, Complejo Hospitalario de Granada; C Suarez Rodriguez, Department of Nephrology, Hospital Juan Ramon Jimenez, Huelva; P Perez del Barrio, Department of Nephrology, Hospital de Jaen; P Castro de la Nuez, Autonomous Coordination of Transplants of Andalusia (CATA); M Alonso Gil, Autonomous Coordination of Transplants of Andalusia (CATA), Spain
REG 8
SPAIN
SURVIVAL OF ELDERLY PATIENTS WITH RENAL DISEASE. DATA FROM THE SPANISH RENAL DISEASE REGISTRY (2004-2015)
B Mahillo, Spanish Renal Disease Registry (REER), ONT, Madrid; E Martín-Escobar, Spanish Renal Disease Registry (REER), ONT, Madrid; E Sánchez, Registros de la Sociedad Española de Nefrología (SEN), Oviedo; P Castro de la Nuez, Sistema de Información de la Coordinación Autonómica de Trasplantes de Andalucía (SICATA), Sevilla; R Alonso de la Torre, Registro de Enfermedades Renales Crónicas de Asturias (RECARA), Oviedo; F Eduardo Arribas Monzón, Registro de Enfermos Renales de Aragón, Zaragoza; C Garrigó Campins, Registre Balear de Malalts Renals, Palma de Mallorca, Islas Baleares; H Sánchez Janáriz, Registro de Enfermedades Renales Crónicas de Canarias, Las Palmas, Gran Canaria; O García Ruiz, Registro de Enfermos Renales de Cantabria, Santander; A Palencia García, Registro de diálisis y trasplante renal de Castilla y León, Valladolid; G Gutiérrez Avila y Inmaculada Moreno Alía, Registro de Enfermos Renales en Tratamiento Sustitutivo de Castilla-La Mancha, Toledo; E Arcos Enviar, Registre de Malalts Renals de Catalunya (RMRC), Barcelona; J Comas Enviar, Registre de Malalts Renals de Catalunya (RMRC), Barcelona; J Ramos Aceituro, Registro de Enfermos Renales de Extremadura, Cáceres; M de los Ángeles García Bazaga, Registro de Enfermos Renales de Extremadura, Cáceres; E Bouzas Caamaño, Rexistro de Enfermos Renais de Galicia (REXERGA), Santiago de Compostela; M Aparicio Madre, Registro Madrileño de Enfermos Renales (REMER), Madrid; M Carmen Santiuste de Pablos, Registro de Enfermedades Renales de Murcia, Murcia; M Artamendi Larrañaga, Registro de Enfermos Renales de La Rioja, Logroño; A Magaz Lago, Gilzturrun-Gaixoei Buruzko eae-ko Informazio-Unitatea (GINFOR,EAE) (UNIPAR), Bilbao; M Ferrer Alamar, Registro de Malalts Renals de la Comunitat Valenciana (REMRENAL), Valencia; F Slon Robredo, Registro de Enfermos Renales Crónicos de Navarra, Pamplona, Spain

REG 9
SERBIA
REPORT ON DIALYSIS AND KIDNEY TRANSPLANATION IN SERBIA 2011-2014. COMPARE TO OTHERS
N Maksimovic, Institute of epidemiology, Medical school, University of Belgrade; R Naumovic, Clinic of nephrology, CCS, Belgrade; N Dimkovic, Clinical department of nephrology and dialysis, General hospital Zvezdara, Belgrade; R Velickovic, Clinic of nephrology and dialysis, Niš; I Mitic, Clinic of nephrology and immunology, CCV, N, Sad; T Lazarevic, Center of nephrology and dialysis, CCK, Kragujevac; D Jovanovic, Clinic of nephrology, Military hospital, Belgrade; S Pavlovic, Fresenius medical care, Belgrade; J Bogdanovic, Medical center Valjevo; M Antić, Medical center Vranje; R Jelacic, General hospital Zrenjanin; B Andric, General hospital Krusevac; G Voinovic, General hospital Pancevo; M Ilic, General hospital Cuprija; Z Nikolic, General hospital Sabac; A Cveticanin, General hospital S.Mitrovica; B Milicevic, Medical center Studenica, Kraljevo; M Mutavdije, General hospital Uzice; B Cekovic, General hospital Cacak; S Simic Ogrizovic, Clinic of nephrology, CCS, Belgrade and study group, Serbia

REG 10
SPAIN, BASQUE COUNTRY
PROBABILITY OF RECEIVING TRANSPLANT IN THE BASQUE COUNTRY. PATIENTS ON THE WAITING LIST FROM 2011 TO 2015
Renal registry of the Basque Country, UNIPAR (Unidad de Información sobre Pacientes Renales del País Vasco), Spain
DAY AT A GLANCE

08:00 - 09:30 Symposia
Cardiovascular disease in patients with chronic kidney disease - double trouble 354
ERA-EDTA & EASD 354
Detection and prevention of AKI in patients at risk - state-of-the art 2017 355
Actualities and new questions in adult polycystic kidney disease 355
Dialysis for the ageing population 356
ERA-EDTA & CSN 356
Physical exercise and lifestyle management in chronic kidney disease 357

Free Communications + Mini Lectures
Extracorporeal dialysis 358
Experimental nephrology II 359
Glomerulonephritis 361
Transplantation treatment and immunosuppression 363

09:45 - 10:30 Plenary Lecture Miguel Hernan
Comparative effectiveness research in nephology: using electronic health records to emulate randomized trials 365

10:45 - 12:15 Symposia
Diabetic nephropathy - new trends in 2017 365
Biomarkers in chronic kidney disease 366
Advances in drug treatment after renal transplantation 366
Iron - the bright and the dark side 367
Complement abnormalities associated with C3 Glomerulopathy 367
ERA-EDTA & ESPN 368

Free Communications + Mini Lectures
Protein energy wasting and inflammation 369
Acid-base disorders and tubular transport 371
Cystic diseases and progression 372
Experimental therapies 373
Diabetes basic research 374
Symposium 49

*Cardiovascular disease in patients with chronic kidney disease - double trouble*

Chairs: Gérard London, Fleury-Mérogis, France  
Luis Ruilope, Madrid, Spain

Role of Klotho and FGF23 in uremic cardiomyopathy  
Marc Vervloet, Amsterdam, The Netherlands

Hormones and uremic cardiomyopathy  
Andrzej J. Wiecek, Katowice, Poland

Heart failure in kidney patients - a severe diagnosis with poor prognosis  
Vincent Brandenburg, Aachen, Germany

What’s new in the diagnosis and treatment of coronary artery disease in CKD?  
Philip A. Kalra, Salford, United Kingdom

Symposium 50

*Joint symposium ERA-EDTA & EASD  
(European Association for the Study of Diabetes)  
New insights in diabetes nephropathy*

Chairs: Per-Henrik Groop, Helsinki, Finland  
Esteban Porrini, La Laguna, Spain

The non-proteinuric pathways of GFR decline in diabetes  
Esteban Porrini, La Laguna, Spain

Quality improvement: what can diabetologists and nephrologists learn from each other?  
Charles Tomson, Bristol, United Kingdom

New insight in molecular mechanisms of diabetic nephropathy  
Luigi Gnudi, London, United Kingdom

The genetic landscape of renal complications in diabetes  
Per-Henrik Groop, Helsinki, Finland
HALL N 103-104

Symposium 51

Detection and prevention of AKI in patients at risk - state-of-the art 2017

Chairs: John Prowle, London, United Kingdom
Raymond Vanholder, Ghent, Belgium

Are new AKI biomarkers of any clinical advantage?
Raymond Vanholder, Ghent, Belgium

Tubular dysfunction as a pathway for acute kidney injury
Fredrik Palm, Uppsala, Sweden

Ischaemic preconditioning: promise unfulfilled
Muhammad Magdi Yaqoob, London, United Kingdom

Are there novel pharmacological tools for AKI prevention in 2017?
Norbert H. Lameire, Ghent, Belgium

HALL N 101-102

Symposium 52

Actualities and new questions in adult polycystic kidney disease

Chairs: Albert Ong, Sheffield, United Kingdom
Roser Torra, Barcelona, Spain

Clinical scores in ADPKD: advantages and limitations
Ron T. Gansevoort, Groningen, The Netherlands

Signalling pathways in ADPKD: novel targets for treatment
Albert Ong, Sheffield, United Kingdom

ADPKD - novel aspects on the role of vasopressin
Olivier Devuyst, Zurich, Switzerland

ADPKD and mineral and bone disease - what are the links?
Pieter Evenepoel, Leuven, Belgium
Symposium 53

Dialysis for the ageing population

Chairs: Peter J. Blankestijn, Utrecht, The Netherlands
Angel Luis Martin De Francisco, Santander, Spain

Dialysis in the elderly - a different ball game?
Wim Van Biesen, Ghent, Belgium

Geriatric assessment as standard nephrological care
Edwina Brown, London, United Kingdom

What outcomes should Nephrologists measure in the ageing dialysis population?
Ingrid Os, Oslo, Norway

Dialysis withdrawal - when, how and why
Monika Lichodziejewska-Niemierko, Gdańsk, Poland

Symposium 54

Joint Symposium ERA-EDTA & CSN (Chinese Society of Nephrology)

Chairs: Hongli Lin, P.R. China
Ivan Rychlik, Prague, Czech Republic

Novel insights into crystal-induced renal damage
Hans-Joachim Anders, Munich, Germany

IgA nephropathy – the landscape after the VALIGA study
Rosanna Coppo, Turin, Italy

Folic acid supplementation and target organs protection in hypertensive population
Fan Fan Hou, Guangzhou, P.R. China

The autoimmune disorders in idiopathic membranous nephropathy: the unique advantages of China
Zhao Cui, Beijing, P.R. China
Symposium 55

*Physical exercise and lifestyle management in chronic kidney disease*

Chairs: Naomi Clyne, Lund, Sweden
Goce Spasovski, Skopje, F.Y.R. of Macedonia

Physical exercise in CKD. Evidence from clinical trials
Carmine Zoccali, Reggio Calabria, Italy

The Excite trial: results of a home based exercise in dialysis patients
Francesca Mallamaci, Reggio Calabria, Italy

Modifiable lifestyle factors in high risk individuals with CKD
Rainer Oberbauer, Vienna, Austria

Self-management and e-health initiatives
Andrea W. Evers, Leiden, The Netherlands
**Free Communication Session 29 + Mini Lecture**

**Extracorporeal dialysis**

Chairs: **Olivera Stojceva-Taneva**, Skopje, F.Y.R. of Macedonia  
**Chair to be confirmed**

**Mini lecture**  
For 30 years we have been told that haemodiafiltration is better - why haven’t we adopted it?  
**Àngel Argilés**, Montpellier, France

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**FREE COMMUNICATIONS**

**TO002**  
ADJUSTMENT OF DRY WEIGHT BASED ON ABSOLUTE BLOOD VOLUME REDUCES THE FREQUENCY OF INTRADIALYTIC MORBID EVENTS  
**Susanne Kron**1, Daniel Schneditz2, Jutta Czerny3, Til Leimbach3, Klemens Budde1, Torsten Slowinski1, Joachim Kron3, 1Charite Universitätsmedizin Berlin, Nephrology, Berlin, GERMANY, 2Medical Univ Graz, Inst Physiology, Graz, AUSTRIA, 3KfH Kidney Center Berlin-Köpenick, Nephrology, Berlin, GERMANY.

**TO003**  
CALCIUM MASS BALANCE OF AN ACETATE FREE CITRATE CONTAINING DIALYSIS FLUIDS: AD INTERIM ANALYSIS OF CITRUS STUDY  
**Ugo Teatini**1, Giorgio Romei Longhena1, Corrado Turri2, Carlo Guastoni2, 1ASST Rhodense, Nephrology and Dialysis unit, Garbagnate Milanese (MI), ITALY, 2ASST-Ovest Milanese, Nephrology and Dialysis unit, Legnano (MI), ITALY.

**TO004**  
TREATMENT RELATED PREDICTORS AND RELATION TO SUBSTITUTION VOLUME AND DIALYSIS DOSE ON PATIENTS UNDER ONLINE HAEMODIFILTRATION  
**Joao Fazendeiro Matos**1, Ricardo Peralta1, Carla Felix1, Helena Carvalho2, Bruno Pinto1, Pedro Ponce1, 1Fresenius Medical Care, NephroCare Portugal, Lisboa, PORTUGAL, 2Inst Univ Lisboa (ISCTE-IUL), Centro Investigação e Estudos Sociologia (CIES-IUL), Lisboa, PORTUGAL.

**TO005**  
COMPLEMENT MARKERS IN IMMUNOADSORPTION COMBINED WITH MEMBRANE FILTRATION  
**Paolo Malvezzi**1, F Defendi2, Farsad Eskandary3, Thomas Jouvel1, **Lionel Rostaing**1, Chantal Dumestre-Perard2, Georg Böhmig3, 1Grenoble-Alpes Univ Hosp, Nephrology, Dialysis And Transplantation, Grenoble, FRANCE, 2Grenoble-Alpes Univ Hosp, Lab Immunologie, Grenoble, FRANCE, 3Medical Univ, Dept Medicine III, Vienna, AUSTRIA.
SALA COLON

Free Communication Session 30 + Mini Lecture

Experimental nephrology - II

Chairs: Vincenzo Cantaluppi, Novara, Italy
Jesus Egido, Madrid, Spain

Mini lecture
Claudins in renal function
Markus Bleich, Kiel, Germany

FREE COMMUNICATIONS

TO006
VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) BACKFILTRATION IN THE RENAL GLOMERULUS
Christoph Kuppe1, Wilko Rohlfs2, Martin Grepl3, Kevin Schulte4, Marlies Elger5, Silja Sanden1, Turgay Saritas1, Johanna Andreae6, Christer Betsholtz6, Susan Quagginn7, Christian Trautwein8, Ralf Hausmann9, Sebastian Bachmann10, Wilhelm Kriz11, Alda Tufro12, Jürgen Floege1, Marcus Moeller1, 1Univ Hosp RWTH Aachen, Div Nephrology and Immunology, Aachen, GERMANY, 2Inst Heat and Mass Transfer, Numerical Mathematics, Aachen, GERMANY, 3Fac Mathematics, Informatics and Natural Sciences, Numerical Mathematics, Aachen, GERMANY, 4Univ Clinic Schleswig Holstein, Internal Medicine, Nephrology and Hypertension, Kiel, GERMANY, 5Univ Heidelberg/Mannheim, Inst Anatomy and Cell Biology, Heidelberg, GERMANY, 6Uppsala Univ, Dept Immunology, Genetics and Pathology, Uppsala, SWEDEN, 7Northwestern Univ, Dept Nephrology, Chicago, IL, 8Univ Hosp RWTH Aachen, Gastroenterology, Aachen, GERMANY, 9Univ RWTH Aachen, Pharmacology, Aachen, GERMANY, 10Univ Berlin, Anatomy, Berlin, GERMANY, 11Center Biomedicine and Medical Technology Mannheim (CBTM), Anatomy and Developmental Biology, Mannheim, GERMANY, 12Yale Univ, Pediatrics, New Haven, CT.

TO007
ADULT RENAL STEM/PROGENITOR CELLS EXPRESS LONG NON-CODING RNAS INVOLVED IN WNT AND THE BMP SIGNALING PATHWAY
Simona Simone1, Fabio Sallustio1, Alessandra Stasi1, Claudia Curci1, Giuseppe De Palma1, Rossana Franzin1, Matteo Accetturo1, Monica Rutigliano2, Giuseppe Lucarelli2, Michele Battaglia2, Giuseppe Grandaliano3, Giuseppe Castellano1, Giovanni Battista Pertosa1, Loreto Gesualdo1, 1Univ Bari, DETO, Bari, ITALY, 2Univ Bari, Urology and Kidney Transplantation Unit, Bari, ITALY, 3Univ Foggia, Medical and Surgical Sciences, Foggia, ITALY.

TO008
MICRO-RNA PROFILE & FUNCTION IN RESPONSE TO ISCHAEMIA AND REPERFUSION INJURY
Gerhard R. Situmorang1,2,3, Anna Moles1, Ian Logan1, Neil S. Sheerin1, Simi Ali1, John Kirby1, Akmal Taher2,3, 1Newcastle Univ, Inst Cellular Medicine, Newcastle upon Tyne, UK, 2Fac Medicine Univ Indonesia, Urology, Jakarta, INDONESIA, 3dr. Cipto Mangunkusumo National Referral Hosp, Urology Dept, Jakarta, INDONESIA.
TO009
UROMODULIN INHIBITS TNF-α-INDUCED MCP-1 EXPRESSION IN HUMAN RENAL PROXIMAL TUBULAR EPITHELIAL CELLS VIA THE INHIBITION OF P38 ACTIVATION
Shohei Tachibana, Masayuki Iyoda, Taihei Suzuki, Ken Iseri, Kei Matsumoto, Yukihiro Wada, Yasutaka Yamamoto, Tomohiro Saito, Kei Fukuda-Hihara, Takanori Shibata, Showa Univ, Nephrology, Tokyo, JAPAN.

TO010
TRIPTOLIDE ATTENUATES PROTEINURIA AND PODOCYTES APOPTOSIS IN ZEBRAFISH VIA GADD45
Ling Wang, Zhaohong Chen, Qing Hou, Weisong Qin, Caihong Zeng, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, CHINA.
Free Communication Session 31 + Mini Lecture

Glomerulonephritis

Chairs: Zdenka Hruskova, Prague, Czech Republic
Talia Weinstein, Tel Aviv, Israel

Mini lecture
Classification and prognosis in IgA nephropathy
John Feehally, Leicester, United Kingdom
ISN Programs Chair, ISN Past President

ERA-EDTA/ISN Co-branded Session

FREE COMMUNICATIONS

TO011
BAFF AND IMMUNE COMPLEXES CONSISTING OF BAFF AND IMMUNOGLOBULIN G ARE ASSOCIATED WITH RENAL INVOLVEMENT AND DISEASE ACTIVITY IN SLE
Justa Friebus-Kardash1, Leonore Branco2, Camillo Ribi3,4, Carlo Chizzolini3, Uyen Huynh-Do5, Denise Dubler2, Sebastian Dolff6, Adreas Kribben6, Ute Eisenberger6,5, Marten Tredelenburg2, 1Univ Duisburg-Essen, Univ Hosp Essen, Nephrology, Essen, GERMANY, 2Univ Hosp Basel, Div Internal Medicine and Clinical Immunology Lab, Dept Biomedicine, Basel, SWITZERLAND, 3Univ Hosp and School Medicine, Geneva, Immunology and Allergy, Dept Medical Specialties, Geneva, SWITZERLAND, 4Univ Hosp Lausanne, Immunology and Allergy, Dept Internal Medicine, Lausanne, SWITZERLAND, 5Univ Hosp Bern, Div Nephrology, Hypertension and Clinical Pharmacology, Bern, SWITZERLAND, 6Univ Hosp Essen, Univ Duisburg-Essen, Dept Nephrology, Essen, GERMANY.

TO012
C5A RECEPTOR INHIBITOR AVACOPAN IN IGA NEPHROPATHY STUDY
Annette Bruchfeld1, Patrick Nachman2, Samir Parikh3, Richard Lafayette4, Antonia Potarca5, Janet Diehl5, Lisa Lohr6, Shichang Miao7, Thomas J. Schall8, Pirow Bekker9, 1Karolinska Inst, Renal Medicine, Stockholm, SWEDEN, 2Univ North Carolina Kidney Center, Nephrology & Hypertension, Chapel Hill, NC, 3Ohio State Univ Wexner Medical Center, Nephrology, Columbus, OH, 4Stanford Univ, Nephrology, Palo Alto, CA, 5ChemoCentryx, Clinical Operations, Mountain View, CA, 6ChemoCentryx, DMPK, Mountain View, CA, 7ChemoCentryx, Preclinical Dev, Mountain View, CA, 8ChemoCentryx, R&D, Mountain View, CA, 9ChemoCentryx, Medical and Clinical Affairs, Mountain View, CA.

TO013
PROTEINURIA REDUCTION IN IGA NEPHROPATHY BY NEFECON, A TARGETED-RELEASE FORMULATION OF Budesonide - RESULTS FROM THE NEFIGAN TRIAL
Bengt Fellström1, Jonathan Barratt2, Heather Cook3, Rosanna Coppo4, John Feehally2, Johan deFijter5, Jurgen Floegge6, Gerd Hetzel7, Alan Jardine8, Francesco Locatelli9, Bart Maes10, Alex Mercer3, Fernanda Ortiz11, Manuel Praga12, Sören Sörensen13, Vladimir Tesar14, Lucia DelVecchio9, 1Nephrology, Med-sci, Uppsala, SWEDEN, 2Univ Leicester, UK, 3Pharma, Stockholm, SWEDEN, 4Univ, Turin, ITALY, 5LUMC, Leiden, NETHERLANDS, 6RWTH, Aachen, GERMANY, 7DaVita, Dusseldorf, GERMANY, 8Univ, Glasgow, UK, 9Univ, Lecco, ITALY, 10AZDelta, Roeselare, BELGIUM, 11Univ, Helsinki, FINLAND, 12Univ, Madrid, SPAIN, 13Univ, Copenhagen, DENMARK, 14Univ, Prague, CZECH REPUBLIC.
TO014
LONG-TERM OUTCOME IN 145 PATIENTS WITH ASSUMED BENIGN IGA NEPHROPATHY
Thomas Knoop1, Bjørn E. Vikse1, Angela Mwakimonga2, Sabine Leh1, Rune Bjørneklett1, 1Univ Bergen,
Dept Clinical Medicine, Bergen, NORWAY, 2MUHAS, Dept Pathology, Dar es Salaam, TANZANIA

TO015
QUANTIFICATION OF CANCER RISK IN GLOMERULONEPHRITIS
James Heaf1, Alastair Hansen2, Gunnar Laier3, 1Zealand Univ Hosp, Medicine, Roskilde, DENMARK,
2Herlev Hosp, Univ Copenhagen, Inst Clinical Medicine, Herlev, DENMARK, 3Region Zealand, Dept
Production, Research and Innovation, Sorø, DENMARK.
Final Programme

HALL N 117-118

Free Communication Session 32 + Mini Lecture

Transplantation treatment and immunosuppression

Chairs: Josep M. Cruzado, Barcelona, Spain
        Hallvard Holdaas, Oslo, Norway

Mini lecture
Update on the role of mTOR inhibitors
Hallvard Holdaas, Oslo, Norway

FREE COMMUNICATIONS

TO016
CLINICAL PHARMACOKINETICS OF SOFOSBUVIR AND DACLATASVIR IN KIDNEY TRANSPLANT RECIPIENTS
Eva Schrezenmeier1, Klemens Budde1, Jan Lisec2, Jens Schrezenmeier2, Petra Glander1, Carsten Jaeger2, Friederike Hoffmann2, Fabian Halleck1, Oliver Staeck1, Lukas Lehner1, Dmytro Khadzhynov1, Michael Duerr1, 1Charité Berlin, Nephrology, Berlin, GERMANY, 2Charité Berlin, Molekulares Krebsforschungszentrum, Berlin, GERMANY.

TO017
PRE-TRANSPLANT ASSESSMENT OF KSORTSM: A MEASURE TO ASSESS RISK FOR REJECTION IN SENSITIZED PATIENTS
Flavio Vincenti1, Sharvin D. Nandoe2,3, Szu-Chuan Hsieh2, Silke Roedder4, Tara Sigdel2, Erica Tavares1, Per Lindner5, Jana Ekberg5, Josefina Alberu6, Minnie Sarwal2, 1Univ California, San Francisco, Kidney Transplant, San Francisco, CA, 2Univ California, San Francisco, Surgery, San Francisco, CA, 3Eramus MC, Medicine, Rotterdam, NETHERLANDS, 4ImmuCor, Inc., Translational Medicine, Norcross, GA, 5Sahlgrenska Academy Univ Gothenburg, Transplant Inst, Gothenburg, SWEDEN, 6National Inst Medical Sciences and Nutrition Salavador Zubiran, Transplantation, Mexico City, MEXICO.

TO018
TIMING OF ECULIZUMAB INITIATION AND THE NEED FOR DIALYSIS IN PATIENTS WITH ATYPICAL HAEMOLYTIC URAEMIC SYNDROME UNDERGOING KIDNEY TRANSPLANTATION
Johan Vande Walle1, Andrew Siedlecki2, Nicole Isbel3, Varant Kupelian4, David Cohen5, 1Ghent Univ Hosp, Dept Pediatrics and Medical Genetics, Ghent, BELGIUM, 2Brigham and Women’s Hosp, Dept Internal Medicine, Boston, MA, 3Univ Queensland and Princess Alexandra Hosp, School Medicine, Brisbane, AUSTRALIA, 4Alexion Pharmaceuticals, Inc., New Haven, CT, 5Columbia Univ Medical Center, Dept Medicine, New York, NY.
TO019
CONTROLLED RANDOMIZED STUDY COMPARING PARICALCITOL WITH CALCIFEDIOL FOR TREATING HYPERPARATHYROIDISM IN KIDNEY ALLOGRAFT RECIPIENTS
Josep M. Cruzado1, Ricardo Lauzurica2, Julio Pascual3, Roberto Marcen4, Francesc Moreso5, Alex Gu trickez6, Amado Andrés7, Domingo Hernández8, Armando Torres9, Maria Isabel Beneyto10, Edoardo Melilli11, Manuel Arias12, Manuel Praga7, 1Bellvitge Hosp, Nephrology, Barcelona, SPAIN, 2Hosp Univ Germans Trias i Pujol, Nephrology, Badalona, SPAIN, 3Hosp del Mar, Nephrology, Barcelona, SPAIN, 4Hosp Univ Ramón y Cajal, Nephrology, Madrid, SPAIN, 5Hosp Univ Vall d’Hebron, Nephrology, Barcelona, SPAIN, 6Hosp Univ Miguel Servet, Nephrology, Zaragoza, SPAIN, 7Hosp 12 de Octubre, Nephrology, Madrid, SPAIN, 8Hosp Carlos Haya, Nephrology, Málaga, SPAIN, 9Hosp Univ de Canarias, Nephrology, Tenerife, SPAIN, 10Hosp Univ La Fe, Nephrology, Valencia, SPAIN, 11Bellvitge Hosp, Nephrology, L’Hospitalet, SPAIN, 12Hosp Univ Marqués de Valdecilla, Nephrology, Santander, SPAIN.

TO020
SHOULD WE DISCONTINUE CYCLOSPORIN OR STEROIDS IN RENAL TRANSPLANTATION? FIVE YEAR OUTCOME RESULTS OF THE CISTCERT TRIAL
Jean-Louis M. L. Bosmans1,2, Nilufer Broeders3, Alain Le Moine3, Patrick Peeters4, Steven Van Laecke4, Laurent Weekers5, Jacques Sennesael6, Martin K. Wissing6, Daniel Abramowicz7,2, 1Antwerp Univ Hosp, Nephrology-Hypertension, Edegem, BELGIUM, 2Univ Antwerpen, Lemp, Wilrijk, BELGIUM, 3Hôp Erasme, Nephrology, Brussels, BELGIUM, 4Univ Hosp Ghent, Nephrology, Gent, BELGIUM, 5CHU Liège, Nephrology, Liège, BELGIUM, 6Univ Ziekenhuis Brussel, Nephrology, Jette, BELGIUM, 7Antwerp Univ Hosp, Nephrology Hypertension, Edegem, BELGIUM.
HALL 10

Plenary Lecture 4

Chairs: Markus Ketteler, Coburg, Germany
     Carmine Zoccali, Reggio Calabria, Italy

Comparative effectiveness research in nephology: using electronic health records to emulate randomized trials
Miguel Hernan, Boston, U.S.A.

HALL 10

Symposium 56

Diabetic nephropathy - new trends in 2017

Chairs: Alberto Martinez-Castelao, Barcelona, Spain
       Esteban Porrini, La Laguna, Spain

Diabetic nephropathy in Europe: epidemiology and choice of renal replacement therapy
Marlies Noordzij, Amsterdam, The Netherlands

New experimental evidence in pathogenesis of diabetic nephropathy
Bo Feldt-Rasmussen, Copenhagen, Denmark

Optimal treatment of diabetic patient with albuminuria
Peter Rossing, Gentofte, Denmark

Clinical care of diabetic kidney disease: advantages of the early referral
Alberto Martinez-Castelao, Barcelona, Spain
Symposium 57

**Biomarkers in chronic kidney disease**

Chairs: **Juan F. Navarro González**, Santa Cruz de Tenerife, Spain  
**Gerjan Navis**, Groningen, The Netherlands

Prognostic and predictive biomarkers in CKD  
**Gert Mayer**, Innsbruck, Austria

Uric acid and renal outcomes - do we need further evidence to lower uric acid in asymptomatic patients?  
**José Luño**, Madrid, Spain

FGF23-Klotho axis and myocardial alterations in CKD  
**Danilo Fliser**, Homburg/Saar, Germany

Cathepsins and endostatin in the cardiorenal continuum  
**Johan Årnlöv**, Falun, Sweden

Symposium 58

**Advances in drug treatment after renal transplantation**

Chairs: **Bengt Fellström**, Uppsala, Sweden  
**José Morales**, Madrid, Spain

Steroid-free or not?  
**Paolo Malvezzi**, Grenoble, France

Update on Belatacept and IdeS in renal transplantation  
**Bengt Fellström**, Uppsala, Sweden

Any new immunosuppressives on the horizon?  
**Josep M. Grinyó**, Barcelona, Spain

Update on antiviral treatment in kidney transplant recipients  
**Fabrizio Fabrizi**, Milan, Italy
HALL N 101-102

Symposium 59

**Iron - the bright and the dark side**

Chairs: Francesco Locatelli, Lecco, Italy
       Iain C. Macdougall, London, United Kingdom

Iron in dialysis - is it a panacea or toxin?
Jolanta Malyszko, Bialystok, Poland

Iron and infections - do we put fuel on the fire?
Günter Weiss, Innsbruck, Austria

Iron overload - should Nephrologists care?
Iain C. Macdougall, London, United Kingdom

Fe-based phosphate binders - a role in iron supplementation or a dead end?
Markus Ketteler, Coburg, Germany

HALL N 105-106

Symposium 60

**Complement abnormalities associated with C3 glomerulopathy**

Chairs: Beatriz Fernandez, Madrid, Spain
       Matthew Pickering, London, United Kingdom

C3 glomerulopathy: lessons from animal models
Matthew Pickering, London, United Kingdom

Genetic abnormalities in C3 glomerulopathy
Santiago Rodriguez de Cordoba, Madrid, Spain

Acquired abnormalities in C3 glomerulopathy
Seppo Meri, Helsinki, Finland

Recurrence of GC3 after renal transplantation, risk factor, treatment and prevention
Moglie Le Quintrec, Montpellier, France
Symposium 61

Joint Symposium ERA-EDTA & ESPN
(European Society for Paediatric Nephrology)

Chairs: Elena Levchenko, Leuven, Belgium
Goce Spasovski, Skopje, F.Y.R. of Macedonia

Molecular stratification of idiopathic Nephrotic syndrome: from childhood to adulthood
Moin Saleem, Bristol, United Kingdom

Genetics of nephrocalcinosi and nephrolithiasis
Karl Peter Schlingmann, Münster, Germany

Clinical and histological risk factors for progression of IgA nephropathy in children and adolescence
Rosanna Coppo, Turin, Italy

Guidelines on the management of CKD-MBD in Children
Rukshana Shroff, London, United Kingdom
SALA RETIRO

Free Communication Session 33

Protein energy wasting and inflammation

Chairs: Denis Fouque, Lyon, France
Diego Rodriguez-Puyol, Alcalá de Henares, Spain

Mini lecture
New vision of Uraemic Toxicity: not a matter of a few compounds, we are facing a dreadful network
Alberto Ortiz, Madrid, Spain

FREE COMMUNICATIONS

TO021
DIRECT FACTOR Xa INHIBITOR APIXABAN PREVENTS ENDOTHELIAL ACTIVATION AND DAMAGE ASSOCIATED WITH CHRONIC KIDNEY DISEASE
Aleix Cases1,2, Manel Vera1,2, Marta Palomo3, Sergi Torramade4, Gines Escolar4,2, Maribel Diaz-Ricart4, I Hosp Clinic, Nephrology Unit, Barcelona, SPAIN, 2Univ Barcelona, Medicine, Barcelona, SPAIN, 3Fundació Carreras, Research, Barcelona, SPAIN, 4Hosp Clinic, CDB, Barcelona, SPAIN.

TO022
RECONSIDERING INTERDIALYTIC WEIGHT GAIN AND MORTALITY ASSOCIATION WITH SERUM ALBUMIN INTERACTIONS: THE J-DOPPS STUDY
Noriaki Kurita1, Yasuaki Hayashino2, Shin Yamazaki3, Tadao Akizawa4, Takashi Akiba5, Akira Saito6, Shunichi Fukuhara3,7, Ifukushima Medical Univ Hosp, DiRECT, Fukushima, JAPAN, 2Tenri Hosp, Dept Endocrinology, Nara, JAPAN, 3Kyoto Univ, Dept Healthcare Epidemiology, Kyoto, JAPAN, 4Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, JAPAN, 5Tokyo Women’s Medical Univ, Dept Blood Purification, Tokyo, JAPAN, 6Shonan Tobu Sogou Hosp, Dept Nephrology, Kanagawa, JAPAN, 7Fukushima Medical Univ, CiRC2LE, Fukushima, JAPAN.

TO023
EFFECTIVENESS OF SPECIALIZED NUTRITIONAL SUPPLEMENT IN HEMODIALYSIS PATIENTS WITH PROTEIN ENERGY WASTING
Silvestre F. Gaitan1, Lucia Hernandez2, Abraham Santos3, Jorge Hernandez4, Gumaro Zavaleta5, 1Si En Salud, Hemodialisys, Cuautitlan Izcalli, MEXICO, 2Star Medica Luna Parc, Nutrition, Cuautitlan Izcalli, MEXICO, 3SERME, Hemodialysis, Cuautitlan Izcalli, MEXICO, 4SERME, Nutrition, Cuautitlan Izcalli, MEXICO, 5SERME, nutrition, Cuautitlan Izcalli, MEXICO.

TO024
COMBINATION OF GENOTYPE AND PHENOTYPE FEATURES AS PREDICTORS OF INFLAMMATION, CARDIOVASCULAR DISEASE AND PROTEIN ENERGY WASTING IN PATIENTS WITH CHRONIC KIDNEY DISEASES
Malgorzata Debowska1, Tomasz Lukaszuk2, Louise Nordfors3,4, Juan Jesus Carrero3,4, Abdul Rashid Qureshi3, Peter Stenvinkel3, Olof Heimburger3, Peter Barany3, Leon Bobrowski1,2, Martin Schalling3,4, Bengt Lindholm3, Jacek Waniowski1,1Nalecz Inst Biocybernetics and Biomedical Engineering, Polish Academy of Sciences, Dept Mathematical Modelling of Physiological Processes, Warsaw, POLAND, 2Bialystok Univ Technology, Fac Computer Science, Bialystok, POLAND, 3Div Renal Medicine and Baxter Novum, Dept Clinical Science, Intervention and Technology, Karolinska Inst, Stockholm, SWEDEN, 4Center Molecular Medicine, Dept Molecular Medicine and Surgery, Neurogenetics Div, Karolinska Inst, Stockholm, SWEDEN.
TO025
PROTEIN-ENERGY WASTING IN PATIENTS WITH END-STAGE RENAL DISEASE: A CLINICAL PROTEOMICS STUDY

Maria Stavrou1, Konstantina Psatha2, Eugene Dafnis3, Kostas Stylianou3, Anastasia Markaki4, Michalis Aivaliotis2, 1Univ Crete, Dept Chemistry, Heraklion, GREECE, 2Foundation of Research and Technology, Inst Molecular Biology and Biotechnology, Heraklion, GREECE, 3Univ Hosp Heraklion, Nephrology Dept, Heraklion, GREECE, 4Technological Educational Inst Crete, Nutrition & Dietetics, Siteia, GREECE.
HALL N 107-108

Free Communication Session 34

Acid-base disorders and tubular transport

Chairs: Giovambattista Capasso, Naples, Italy
Alberto Tejedor, Madrid, Spain

FREE COMMUNICATIONS

TO027
EFFECTS OF SODIUM-GLUCOSE CO-TRANSPORTER 2 INHIBITORS ON SERUM URIC ACID LEVEL: A SYSTEMATIC REVIEW AND META-ANALYSIS
Yumo Zhao1, Lubin Xu1, Bingqing Zhang2, Limeng Chen1, 1Peking Union Medical College Hosp, Chinese Academy Medical Sciences and Peking Union Medical College, Dept Nephrology, Beijing, CHINA, 2Peking Union Medical College Hosp, Chinese Academy Medical Sciences and Peking Union Medical College, Dept Medicine, Beijing, CHINA.

TO028
EFFECT OF PATIROMER ON SERUM POTASSIUM IN HYPERKALEMIC PATIENTS WITH SEVERE CKD ON RAAS INHIBITORS: RESULTS FROM OPAL-HK AND AMETHYST-DN
David Bushinsky1, Alain Romero2, Charles Du Mond3, Martha Mayo4, Markus Ketteler5, 1Univ Rochester School Medicine, Div Nephrology, Rochester, NY, 2Relypsa, Medical Affairs, Redwood City, CA, 3Relypsa, BioMetrics, Redwood City, CA, 4Relypsa, Clinical Development, Redwood City, CA, 5Klinikum Coburg GmbH, Div Nephrology, Coburg, GERMANY.

TO029
FUNCTIONAL AND PROTEINOUS CHARACTERIZATION OF AQP2-RICH EXTRACELLULAR VESICLES IN HUMAN URINE
Saki Mikami1, Yuko Miyazawa1, Tetsuya Saito1, Yasuko Tanaka1, Keiko Yamamoto2, Tadashi Yamamoto2, Kenichi Ishibashi1, Sei Sasaki3,1, 1Meiji Pharmaceutical Univ, Dept Pathophysiology, Tokyo, JAPAN, 2Niigata Univ, Biofluid Biomarker Center, Inst Social Innovation and Promotion, Niigata, JAPAN, 3Tokyo Medical and Dental Univ, Dept Nephrology, Tokyo, JAPAN.

TO030
ALTERATIONS OF THE BASAL LABYRINTH IN CELLS OF THE THICK ASCENDING LIMB OF HENLE’S LOOP IN ADTKD-UMOD
Elisabeth Kemter1, Thomas Fröhlich2, Georg J. Arnold2, Eckhard Wolf3, Rüdiger Wanke3, 1Chair Molecular Animal Breeding and Biotechnology, GeneCenter, LMU München, Munich, GERMANY, 2Lab Functional Genome Analysis (LAFUGA), GeneCenter, LMU München, Munich, GERMANY, 3Inst Veterinary Pathology, Center Clinical Veterinary Medicine, LMU München, Munich, GERMANY.

TO031
EFFECT OF ECSTASY ON KIDNEY AND MUSCLE
Ana C. de Bragança1, Regina L.M. Moreau2, Thales de Brito3, Maria H.M. Shimizu4, Daniele Canale4, Denise A. de Jesus4, Pedro H. Gois1, Antonio J. Magalhães1, 1Clinical Hosp School Medicine Univ São Paulo Nephrology Basic Research Lab-LIM 12, São Paulo, BRAZIL, 2School Pharmaceutical Sciences, Univ São Paulo, Clinical and Toxicological Analysis, Sao Paulo, BRAZIL, 3Inst Tropical Medicine, School Medicine, Pathology, Univ São Paulo, São Paulo, BRAZIL, 4School Medicine, Nephrology, Univ São Paulo, São Paulo, BRAZIL.
Free Communication Session 35

**Cystic diseases and progression**

**Chairs:** Miguel Angel García-Gonzalez, Santiago de Compostela, Spain
Magdalena Jankowska, Gdansk, Poland

**FREE COMMUNICATIONS**

**TO033**

**VERY EARLY-ONSET AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE DUE TO BI-ALLELIC MUTATIONS IN PKD1 AND PKD2**

**Jiehan Chong**¹, Miranda Durkie², Ann Dalton², Albert C. M. Ong¹, ¹Univ Sheffield, Kidney Genetics Group, Sheffield, UK, ²Sheffield Children’s NHS Foundation Trust, Sheffield Diagnostic Genetics Service, Sheffield, UK.

**TO034**

**POLYCYSTIN-1 REGULATES EZH2 EXPRESSION THROUGH THE CAMP/PKA PATHWAY AND EZH2 INHIBITION DELAYS ADPKD PROGRESSION**

Ming Wu¹, Changlin Mei², ¹Shanghai Changzheng Hosp, Kidney Inst, Shanghai, CHINA.

**TO036**

**LOSS OF RENAL RESERVE CAPACITY IS NOT AN EARLY PHENOMENON IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE**

A. Lianne Messchendorp, Marco van Londen, Jacob M. Taylor, Martin H. de Borst, Gerjan Navis, Niek F. Castelein, Carlo A. J. Gaillard, Stephan J. L. Bakker, Ron T. Gansevoort, UMCG, Nephrology, Groningen, NETHERLANDS.

**TO037**

**DEFINING RAPID DISEASE PROGRESSION IN A SPANISH ADPKD COHORT**

Monica Furlano¹, Irene Loscos¹, Asunción Rius², Nadia Ayasreh¹, Lourdes Roca³, Teresa Marti⁴, Elisabet Ars⁵, José A. Ballarin¹, Roser Torra¹, ¹Fundació Puigvert, Nephrology, Barcelona, SPAIN, ²Hosp General Univ Castellón, Nephrology, Castellón, SPAIN, ³Hosp La Fe, Nephrology, Valencia, SPAIN, ⁴Fundació Puigvert, Radiology, Barcelona, SPAIN, ⁵Fundació Puigvert, Genetics, Barcelona, SPAIN.
FREE COMMUNICATIONS

TO038
SUCCESSFUL USE OF RENAL DENERVATION (RDN) IN PATIENTS WITH LOIN PAIN HEMATURIA SYNDROME (LPHS): PRAIRIE LPHS STUDY
Bhanu Prasad1, Shelley Giebel1, Kunal Goyal2, Michelle McCarron3, 1Regina General Hosp, Nephrology, Regina, SK, CANADA, 2Regina General Hosp, Radiology, Regina, SK, CANADA, 3Regina Qu Appelle Health Region, Research and Performance Support, Regina, SK, CANADA.

TO039
DESMOPRESSIN BEFORE A NATIVE KIDNEY BIOPSY CAN REDUCE THE RISK FOR BIOPSY COMPLICATIONS IN PATIENTS WITH IMPAIRED RENAL FUNCTION
Björn Peters1,2, Henrik Hadimeri1, Johan Mölé3, Salmir Nasic4, Gert Jensen5, Bernd Stegmayr2, 1SKaraborg Hosp, Nephrology, Skövde, SWEDEN, 2Umeå Univ, Public Health and Clinical Medicine, Umeå, SWEDEN, 3Sahlgrenska Academy, Gothenburg Univ, Pathology, Gothenburg, SWEDEN, 4Skaraborg Hosp, Research Center (FoU), Skövde, SWEDEN, 5Sahlgrenska Univ Hosp, Nephrology, Gothenburg, SWEDEN.

TO040
ARISTOLACTAM-DNA ADDUCTS ARE A BIOMARKER OF ENVIRONMENTAL EXPOSURE TO ARISTOLOCHIC ACID OUT OF ESTABLISHED ENDEMIC NEPHROPATHY RURAL VILLAGES
Josip Samardzic1, Sandra Karanović2, Karla Tomic3, Kresimir Karlovic4, Zelimir Stipancic5, Branko Brdar6, Krunoslav Jakovina3, Sefik Hasukic7, Arthur P Grollman8, Israel Charo1, 1General Hosp, Dept Surgery, Slavonski Brod, CROATIA, 2School Medicine Univ Zagreb, Dept Nephrology, Hypertension, Dialysis and Transplantation UHC Zagreb, Zagreb, CROATIA, 3General Hosp Dr. Josip Benčević, Dept Pathology, Slavonski Brod, CROATIA, 4General Hosp Dr. Josip Benčević, Dept Urology, Slavonski Brod, CROATIA, 5State Univ New York Stony Brook, Stony Brook, NY.

TO041
CCR2 ANTAGONISM REDUCES PROTEINURIA AND GLOMERULAR INJURY IN MURINE MODELS OF FOCAL SEGMENTAL GLOMERULOSCLEROSIS (FGS)
Zhenhua Miao1, Linda Ertl1, Dale Newland1, Jeffrey McMahon2, Bin Zhaol, James Campbell1, Xiaolin Liu3, Ton Dang3, Shichang Miao3, Penglie Zhang2, Israel Charo1, Jan Hillson4, Thomas Schall1, Rajinder Singh1, 1ChemoCentryx, Inc, Biology, Mt View, CA, 2ChemoCentryx, Inc, Chemistry, Mt View, CA, 3ChemoCentryx, Inc, DMPK, Mt View, CA, 4ChemoCentryx, Inc, Clinical, Mt View, CA.

TO042
ANTIPROTEINURIC EFFECT OF SPARSENTAN, A DUAL ANGIOTENSIN II AND ENDOTHELIN TYPE A RECEPTOR ANTAGONIST, IN PATIENTS WITH PRIMARY FOCAL SEGMENTAL GLOMERULOSCLEROSIS (FGS): A SUBGROUP ANALYSIS OF THE DUET TRIAL
Loreto Gesualdo1, Kenneth Lieberman2, Vladimir Tesa3, Tarak Srivastava4, Radko Komers5, 1Azienda Osp-Univ Consorziale, Nephrology, Dialysis and Transplantation Unit, Bari, ITALY, 2Hackensack Univ Medical Center, Nephrology, Hackensack, NJ, 3Charles Univ Prague, Nephrology, Prague, CZECH REPUBLIC, 4Children’s Mercy Hosp, Nephrology, Kansas City, MO, 5Retrophin, Clinical, Cambridge, MA.

TO043
RETROPERITONEAL FIBROSIS AND IGG4 RELATED DISEASE: TWO SIDES OF THE SAME COIN?
Diego Moriconi, Domenico Giannese, Riccardo Capecchi, Simone Barsotti, Antonio Gaetano Tavoni, Maria Francesca Egidi, Pisa Univ, Dept Clinical and Experimental Medicine, PISA, ITALY.
Free Communication Session 37

Diabetes basic research

Chairs: Laetitia Koppe, Lyon, France
Francisco J. Lopez-Hernandez, Salamanca, Spain

FREE COMMUNICATIONS

★ TO044
SOLUBLE NOGO-B AMELIORATES DIABETIC GLOMERULOPATHY
Carlo Alberto Ricciardi1, Jiaqi Pan1, Ivan Hernandez2, Xiaoyan Bai2, Kathryn E. White3, Jianting Ke4, Maria Flaquer Rifé1, Anthea Hayward1, Fan Fan Hou2, David A. Long5, Luigi Gnudi1, 1King’s College London, Cardiovascular Div, London, UK, 2Southern Medical Univ, Nanfang Hosp, Guangzhou, CHINA, 3Newcastle Univ, Electron Microscopy Services, Newcastle, UK, 4Sun Yat-Sen Univ, 5th Affiliated Hosp-Nephrology, Zhuhai, CHINA, 5Univ College London, Inst Child Health, London, UK.

TO045
MIRNA EXPRESSION IN URINARY SAMPLES OF PATIENTS WITH TYPE 2 DIABETES AS BIOMARKER FOR RENAL FIBROSIS IN DIABETIC NEPHROPATHY
Francesca Conserva1, Mariagrazia Barozzino1, Rossella Menghini2, Salvatore De Cosmo3, Francesco Pesce1, Antonella Di Franco1, Annarita Oranger1, Chiara Divella1, Matteo Accetturo1, Massimo Papale1, Giuseppe Castellano1, Simona Simone1, Giovanni B. Pertosa1, Giuseppe Grandaliano4, Vincenzo Trischitta3,5, Massimo Federici2, Paola Pontrelli1, Loreto Gesualdi1, 1Univ Bari A. Moro, Dept Emergency and Organ Transplantation, Div Nephrology, Bari, ITALY, 2Univ Rome Tor Vergata, Dept Systems Medicine, Rome, ITALY, 3RCCS Casa Sollievo della Sofferenza, Dept Medical Sciences, San Giovanni Rotondo (FG), ITALY, 4Univ Foggia, Dept Medical and Surgical Sciences, Foggia, ITALY, 5Sapienza Univ Rome, Dept Experimental Medicine, Rome, ITALY.

TO046
THE ROLE OF THE SIGMA-1 RECEPTOR ACTIVATION IN THE DEVELOPMENT OF DIABETIC NEPHROPATHY AND COMORBID DEPRESSION
Lilla Lenart1, Judit Hodrea1, Edgar Szkibinszkij1,2, Dora B. Balogh1,3, Adam Hosszu1,2, Adrienn Barcz1,3, Adam Vannay4,5, Laszlo Wagner2, Attila J. Szabo3, Andrea Fekete1,3, 1Hungarian Academy Sciences, MTA-SE Lendület Diabetes Research Group, Budapest, HUNGARY, 2Semmelweis Univ, Dept Transplantation and Surgery, Budapest, HUNGARY, 3Semmelweis Univ, 1st Dept Pediatrics, Budapest, HUNGARY, 4Hungarian Academy Sciences, MTA-SE Pediatrics and Nephrology Research Group, Budapest, HUNGARY.
TO047
VITAMIN D SUPPRESSES MACROPHAGE INFILTRATION BY DOWNREGULATION OF TREM-1 IN DIABETIC NEPHROPATHY RATS
Yu Zhao, Yinfeng Guo, Yuteng Jiang, Xiaoliang Zhang, Inst Nephrology, Zhong Da Hosp, School Medicine, Southeast Univ, Dept Nephrology, Nanjing, CHINA.

TO048
SGLT2 INHIBITOR PROTECTED RENAL PROXIMAL TUBULAR CELLS FROM GLUCOSE-MEDIATED INJURIES THROUGH A MITOCHONDRIA-DEPENDENT MECHANISM
Wen-Chin Lee1, Chiu-Hua Chen1, You-Ying Chau2, Jin-Bor Chen1, 1Div Nephrology, Internal Medicine, Kaohsiung, TAIWAN, 2MRC Human Genetics Unit, Univ Edinburgh, Edinburgh, UK.
## Industry Sponsored Symposia

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<table>
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<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Company/Institution</th>
<th>Page</th>
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<tbody>
<tr>
<td><strong>Sunday, June 4, 2017</strong></td>
<td><strong>13:30-15:00</strong></td>
<td>Hall 10.A</td>
<td>Baxter</td>
<td>378</td>
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<td>Hall N103-104</td>
<td>Fresenius Medical Care</td>
<td>379</td>
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<td>Hall N101-102</td>
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<td>Hall 10.B</td>
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<td>Toray Medical</td>
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<td>MSD</td>
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<td>Hall 10.B</td>
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<td>388</td>
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<td>NxStage Medical Inc</td>
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<td><strong>13:30-15:00</strong></td>
<td>Hall 10.A</td>
<td>Vifor Fresenius Medical Care Renal Pharma</td>
<td>391</td>
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<td>Hall N103-104</td>
<td>Baxter</td>
<td>392</td>
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<td>Hall N101-102</td>
<td>Alexion Pharmaceuticals Inc</td>
<td>393</td>
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<td>AstraZeneca</td>
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<td>Shire International GmbH</td>
<td>395</td>
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<td>PACE- Resverlogtx</td>
<td>396</td>
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<td>Hall N107-108</td>
<td>Danone Nutricia Research</td>
<td>397</td>
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<td>Otsuka Pharmaceutical Europe Ltd</td>
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<td>Nipro Medical Europe</td>
<td>399</td>
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Sunday, June 4, 2017
Hall 10.A
13:30-15:00

Advancing Renal Therapies Through HDx (Expanded Hemodialysis)

Chair: Mario Cozzolino, Milan, Italy

ESRD, Inflammation and Cardiovascular Outcomes: Unwelcomed Triad
Chris McIntyre, London, Canada

Large Middle Molecules: The Missing Link?
Colin Hutchison, Hastings, New Zealand

Expanded Haemodialysis: Advancing Outcomes and Care in Renal Therapies
Claudio Ronco, Vicenza, Italy

Panel Discussion and Q&A
Mario Cozzolino, Milan, Italy
Chris McIntyre, London, Canada
Colin Hutchison, Hastings, New Zealand
Claudio Ronco, Vicenza, Italy

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Sunday, June 4, 2017
Hall N103-104

*Orchestrating Electrolytes Prescription in Hemodialysis To Improve Outcome*

Chairs: *Alejandro Martin-Malo*, Cordoba, Spain
*Manfred Hecking*, Vienna, Austria

Sodium Dialysate: Finding the right balance
*Carlo Basile*, Acquaviva delle Fonti, Italy

Bicarbonate and Potassium: Fine-tuning the interaction
*Jeroen Kooman*, Maastricht, The Netherlands

Citrate, Calcium and Magnesium: Setting the tone
*Lucile Mercadal*, Paris, France

Organised by *FRESENIUS MEDICAL CARE*
Etelcalcetide: A new treatment option in the management of SHPT in haemodialysis patients

Chair: Jordi Bover, Barcelona, Spain

Management of CKD-MBD: New evidence supporting the KDIGO guideline update
David Wheeler, London, United Kingdom

Treatment of SHPT with the injectable etelcalcetide
Markus Ketteler, Coburg, Germany

Organised by AMGEN (Europe) GmbH
Hyperkalaemia in CKD: An Evolving Treatment Landscape

Chair: David Packham, Melbourne, Australia

Chair’s Introduction
David Packham, Melbourne, Australia

Hyperkalaemia and Its Role in Cardiac Outcomes in Patients with CKD
Ziad Massy, Paris, France

Is the Way We Manage Hyperkalaemia Evolving?
Alan Jardine, Glasgow, United Kingdom

Panel Q&A / Discussion
David Packham, Melbourne, Australia
Ziad Massy, Paris, France
Alan Jardine, Glasgow, United Kingdom

Supported by an unrestricted educational grant from ASTRAZENECA
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Sunday, June 4, 2017      13:30-15:00
Hall 10.B

Is there a role for iron beyond erythropoiesis in patients with chronic kidney disease?

Chair: Danilo Fliser, Homburg/Saar, Germany

Chair's welcome
Danilo Fliser, Homburg/Saar, Germany

Panel discussion
Danilo Fliser, Homburg/Saar, Germany
Iain Macdougall, London, United Kingdom
Carlo Gaillard, Utrecht, The Netherlands
Austin Stack, Limerick, Ireland
Josep Comin-Colet, Barcelona, Spain
Darlington (Obi) Okonko, London, United Kingdom

Closing summary
Danilo Fliser, Homburg/Saar, Germany

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Industry Sponsored Symposia

Sunday, June 4, 2017
Sala Retiro

Multi-targeted approach to increase hemodialysis efficiency

Chair: Àngel Argilés, Montpellier, France

Is hemodialysis technique of relevance for CKD-MBD?
Marc Vervloet, Amsterdam, The Netherlands

The role of gut microbiota in kidney disease
Pieter Evenepoel, Leuven, Belgium

Innovations in dialysis
Antonio Santoro, Bologna, Italy

Organised by B.BRAUN AVITUM
**Fabry Disease: Practical Questions in Decision Making**

Chair: **Alberto Ortiz**, Madrid, Spain

Renal phenotype-to-genotype correlation issues  
**João-Paulo Oliveira**, Porto, Portugal

Renal biopsies in clinical decision making  
**Einar Svarstad**, Bergen, Norway

ERT: when to treat and which outcome to expect  
**Alberto Ortiz**, Madrid, Spain

Organised by **SANOFI GENZYME**
Industry Sponsored Symposia

Sunday, June 4, 2017
Sala Colon

Novel clinical potential of adsorptive dialysis membrane

Chair: Vincenzo Panichi, Lucca, Italy

Chronic inflammation and cardiovascular risk: sCD40L as a predictive marker of cardiovascular morbidity and mortality in CKD
Vincenzo Panichi, Lucca, Italy

Role of adsorptive membrane in the reduction of serum soluble CD40-Ligand (sCD40L) levels: a new frontier in hemodialysis
Vincenzo Cantaluppi, Novara, Italy

Clinical benefits of adsorptive membrane with the property of anti-thrombogenicity - Proposal for "human compatible dialysis"
Ikuto Masakane, Yamagata, Japan

Comparison of different synthetic dialyzer membranes on mortality in hemodialysis patients in Japan
Masanori Abe, Tokyo, Japan

Organised by TORAY MEDICAL
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Sunday, June 4, 2017      13:30-15:00
Hall N117-118

**Treatment advances to the pathway of elimination of chronic HCV infection in CKD patients**

Chair: **Jose M. Morales**, Madrid, Spain

HCV as a Cause and Consequence of CKD (Epidemiology)
**Michel Jadoul**, Brussels, Belgium

Advancement of HCV Treatment in Patients with CKD: Is Elimination Possible?
**Kosh Agarwal**, London, United Kingdom

HCV and Kidney Transplant: Is it Time to Change the Treatment Paradigm?
**Niraj Desai**, Baltimore, U.S.A.

Organised by **MSD**
Management of CKD-MBD: Time for new concepts?

Chair: Markus Ketteler, Coburg, Germany

Chair’s introduction: how new evidence is guiding the guidelines
Markus Ketteler, Coburg, Germany

Management of MBD on dialysis: how can we improve the control of hyperphosphatemia?
Jürgen Floege, Aachen, Germany

Treatment of MBD before reaching ESRD: what is the role of 25(OH)D₃?
John Cunningham, London, United Kingdom

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Industry Sponsored Symposia

Sunday, June 4, 2017
Hall N107-108
18:45-19:45

Long-Term Dialysis Dependence after AKI: the Health-Economic Impact

Chair: Claudio Ronco, Vicenza, Italy

Choice of Renal Replacement Therapy (RRT) Modality for AKI: Does it Matter?
Thomas Rimmelé, Lyon, France

Cost Implications of Non-recovery of Renal Function after AKI
John R. Prowle, London, United Kingdom

Panel Discussion and Q&A
Claudio Ronco, Vicenza, Italy
Thomas Rimmelé, Lyon, France
John R. Prowle, London, United Kingdom

Organised by BAXTER
Carnitine deficiency in dialysis: how can we identify the right patients?

Chair: Gianfranco Guarnieri, Trieste, Italy

Ronald J. A. Wanders, Amsterdam, The Netherlands

Tim Ulinski, Paris, France

Organised by SIGMA-TAU
Industry Sponsored Symposia

Sunday, June 4, 2017
Hall N117-118
18:45-19:45

More Frequent HD Improved Outcomes: The Wish Comes True At Home

Chairs: Natalie Borman, Portsmouth, United Kingdom
        Maria Bajo, Madrid, Spain

New European Evidence With Home HD Patients: 12 Months Follow-Up In KIHDNEy Cohort
Sunita Nair, Shrewsbury, United Kingdom

Mineral & Bone Disorders & Serum Phosphorus: We Can Free Both Diet & Pill Burden!
Eric Goffin, Brussel, Belgium

Living My Way Of Life With Home HD
Matthew Herbert, Wolverhampton, United Kingdom

Organised by NXSTAGE MEDICAL INC
Industry Sponsored Symposia

Monday, June 5, 2017
Hall 10.A

Optimizing RAASi therapy in cardio-renal patients through hyperkalaemia management

Chair: Angel de Francisco, Santander, Spain

Chair’s welcome and introduction
Angel de Francisco, Santander, Spain

RAASi benefit: Slowing down kidney function decline
Stefan Anker, Göttingen, Germany

Hyperkalaemia management: Current limitations and unmet needs
Patrick Rossignol, Nancy, France

Changing the treatment paradigm in hyperkalaemia management
David Bushinsky, New York, U.S.A.

Q&A
Angel de Francisco, Santander, Spain

Meeting close
Angel de Francisco, Santander, Spain

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Remote Patient Management (RPM) in Home Dialysis: Changing the Paradigm of Care

Chair: Miguel Pérez Fontán, A Coruña, Spain

Role of RPM in Reducing Barriers to Use of Home Dialysis
Dominik Alscher, Stuttgart, Germany

Evaluating the Potential Impact of RPM in Improving Clinical Outcomes in the Pediatric ESRD Population
Franz Schaefer, Heidelberg, Germany

Spanish Experience with RPM in APD
Emilio Sánchez, Oviedo, Spain

Panel Discussion and Q&A
Miguel Pérez Fontán, A Coruña, Spain
Dominik Alscher, Stuttgart, Germany
Franz Schaefer, Heidelberg, Germany
Emilio Sánchez, Oviedo, Spain

Organised by BAXTER
Industry Sponsored Symposia

Monday, June 5, 2017
Hall N101-102

Distinguishing aHUS from pregnancy- and hypertension-associated thrombotic microangiopathies

Chair: Manuel Praga, Madrid, Spain

The challenge of diagnosing aHUS
Manuel Praga, Madrid, Spain

Complicated pregnancies and the role of the complement
Seppo Meri, Helsinki, Finland

Patients with hypertension-associated thrombotic microangiopathy may present with complement abnormalities
Pieter van Paassen, Maastricht, The Netherlands

Insights from the clinic - challenging cases
Jan Menne, Hannover, Germany

Organised by ALEXION PHARMACEUTICALS INC
Industry Sponsored Symposia

Monday, June 5, 2017      13:30-15:00
Hall N105-106

SGLT2 Inhibition: A New Hope for Renal Protection?

Chair: Per-Henrik Groop, Helsinki, Finland

Chair’s Introduction
Per-Henrik Groop, Helsinki, Finland

SGLT2 Inhibitors: Building a Case for Evidence-based Kidney Protection
Hiddo Lambers-Heerspink, Groningen, The Netherlands

Renal Effects of SGLT2 Inhibitors
Paola Fioretto, Padua, Italy

Panel Q&A / Discussion
Per-Henrik Groop, Helsinki, Finland
Paola Fioretto, Padua, Italy
Hiddo Lambers-Heerspink, Groningen, The Netherlands

Supported by an unrestricted educational grant by ASTRAZENECA
Industry Sponsored Symposia

Monday, June 5, 2017
Hall 10.B

A prompt start for a long-lasting effect: the case for Fabry disease

Chair: José-Vicente Torregrosa, Barcelona, Spain

The kidney: is inflammation rare in rare diseases?
Sandro Feriozzi, Viterbo, Italy

Putting the patient first: what are the advantages of enzyme replacement therapy?
Christoph Wanner, Würzburg, Germany

The importance of prompt treatment initiation in Fabry disease
Derralynn Hughes, London, United Kingdom

Organised by SHIRE INTERNATIONAL GMBH
Managing CKD, Diabetes & CVD: Is epigenetics a new way forward?

Chairs: Carmine Zoccali, Reggio Calabria, Italy
       Vincent M Brandenburg, Aachen, Germany

Introduction
Vincent M Brandenburg, Aachen, Germany

The high risk diabetes patient: What is the need for novel approaches to reduce cardiovascular and renal risk?
Luis M Ruilope, Madrid, Spain

Epigenetics as a novel strategy in cardiovascular and renal risk reduction: A closer look at BET as pathway for inhibition
Marta Ruiz-Ortega, Madrid, Spain

BET inhibition in renal and cardiovascular disease: What is the clinical roadmap?
Kamyar Kalantar-Zadeh, Irvine, U.S.A.

Discussion & Summary
Carmine Zoccali, Reggio Calabria, Italy

PACE-CME, funded by an educational grant from RESVERLOGIX
Industry Sponsored Symposia

Monday, June 5, 2017
Hall N107-108

Hydration and Kidney disease: what is the level of evidences?

Chair: Olivier Devuyst, Zurich, Switzerland

Mechanisms for dehydration associated kidney disease
Richard J. Johnson, Denver, U.S.A.

Can water intake prevent chronic kidney disease?
William Clark, London, Canada

Organised by DANONE NUTRICIA RESEARCH
Optimising Treatment of ADPKD Patients: Confidence Through Experience

Chair: Roman-Ulrich Müller, Cologne, Germany

Welcome and Introduction
Roman-Ulrich Müller, Cologne, Germany

Tolvaptan: what the evidence tells us
Roman-Ulrich Müller, Cologne, Germany

Tolvaptan: real-world experience
Ron Gansevoort, Groningen, The Netherlands

Tolvaptan: sharing experience from the clinic
Lukas Foggensteiner, Birmingham, United Kingdom

Closing Remarks
Roman-Ulrich Müller, Cologne, Germany

Organised by OTSUKA PHARMACEUTICAL EUROPE LTD
New biocompatible HDF membrane to enable max substitution for sensitive patients

Chair: Rafael Selgas, Madrid, Spain

Comparison of old versus new generation Cellulose Triacetate membrane in HD and HDF treatments
Francisco Maduell, Barcelona, Spain

Biocompatible characteristics of newly developed smooth surface membrane
Tadashi Tomo, Oita, Japan

Organised by NIPRO MEDICAL EUROPE
Exploring the potential of HIF-based therapeutics to elevate care for anemia

Akebia Therapeutics is currently recruiting patients for its global Phase 3 clinical program evaluating vadadustat for the treatment of patients with anemia secondary to chronic kidney disease, including patients on dialysis and not on dialysis.

INNOVATE | PROTECT

To learn more about our clinical trials, including becoming a participating investigator or referring physician, please email trials@akebia.com

www.akebia.com

HIF, hypoxia-inducible factor.
Exhibitors

SATURDAY, JUNE 3rd, 2017
15:30-20:30 Exhibition Open
18.30-20:00 Welcome Reception in the Exhibition

SUNDAY, JUNE 4th, 2017
09:30-17:30 Exhibition Open
09:30-10:45 Poster Viewing and Exhibition Visit
11:30-11.45 Break and Exhibition Visit
16:45-17:00 Break and Exhibition Visit

MONDAY, JUNE 5th, 2017
09:30-17:30 Exhibition Open
09:30-10:45 Poster Viewing and Exhibition Visit
11:30-11.45 Break and Exhibition Visit
16:45-17:00 Break and Exhibition Visit

TUESDAY, JUNE 6th, 2017
The Exhibition is closed
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3M Deutschland GmbH

3M and the Separation and Purification Sciences Division
3M harnesses the power of science to make the world safer and more efficient. We use science to solve impossible challenges, and to stretch toward our vision of advancing every company, enhancing every home and improving every life. 3M Separation and Purification Sciences Division, formerly known as Membrana, is the largest independent producer of membranes for medical and industrial filtration applications worldwide; an expert in membrane technology and development!
The 3M Separation and Purification Sciences Division offers a wide range of capillary and flat sheet membranes, for hemodialysis, blood oxygenation and plasmapheresis.
Website: 3m.com/membrana

Acime Frame

Acime Frame is ISO and CE certified and is a well-known French leading manufacturer of hospital equipment for more than 25 years. Acime Frame designs, produces in France and sells mobile units for transport and care of patients inside hospitals and clinics. Our wide range of products includes patient transport systems/stretchers, treatment and therapy chairs, transfer chairs, examination couches, medical mobile screens, ceiling rails, mobile IV poles,...
Our activity also applies to different business units such as dialysis and renal units, blood procedure centers, chemotherapy units,...
Website: www.acimeframe.com/EN/

Actual Way Medical Device

We are Actualway®, a Portuguese manufacturer of care treatment medical equipment such as Therapy, Sampling/Blood Donation, Gynaecological, Multifunctional Chairs, Couches and many accessories. We have been increasing our distribution all over the world thanks to big efforts in promoting our products. Our sales strategy is based on building a long term relationship with all our partners providing quality and service. The best way to take care is to get our partners’ and patients’ satisfaction meeting their needs. We produce reliable, strong and comfortable products because we do care. Come and join us so that we can expand business together!
Website: www.actualway.com
One of Europe’s leading company in Body Composition Analysis and Fluid Status Assessment. Particularly active in the clinical and research arena, Akern manufactures high-sensitive devices for fluid management, nutritional assessment and metabolic care. Pioneering the clinical application of a number of innovative Body Composition predictors such as BIVA technology, Phase Angle and Body Cell Mass, Akern is now introducing the new Hydragram® and Nutrigram® scales, to allow even more accurate early diagnoses and investigations. Visit our booth 6.013 and learn more about it.
Website: www.akern.com

Albanian Society of Nephrology ............................................................................. Booth: 6.026G
Albanian Society of Nephrology has begun to act as a small formation in 1993, since the number of nephrologists in that period was small. As the number of nephrologists throughout Albania was increased, the Albanian Association of Nephrology was legally formalized in 2003.
The association organizes annual meeting, with the participation of nephrologists throughout Albania. It organized in collaboration with the European Association of Nephrology two ERA-EDTA CME and joint activities with Regional Associations of Nephrology.

Alexion .............................................................................................................................. Booth: 5.010
Alexion is a global biopharmaceutical company focused on developing and delivering life-transforming therapies for patients with devastating and rare disorders. Alexion developed and commercializes Soliris® (eculizumab), the first and only approved complement inhibitor to treat patients with atypical hemolytic uremic syndrome (aHUS) and paroxysmal nocturnal hemoglobinuria (PNH), two life-threatening ultra-rare disorders. As the global leader in complement inhibition, Alexion is strengthening and broadening its portfolio of complement inhibitors, including evaluating potential indications for eculizumab in additional severe and ultra-rare disorders.
Website: www.alexionpharma.eu
Allmed Group

Allmed operates in over 40 countries around the world. Its leading dialyzer brands, POLYPURE® and PLATINUM® incorporate a proprietary Micro-Undulate Polysulfone membrane, with outstanding performances in both efficiency and biocompatibility aspects. In its four production plants Allmed manufactures, beside dialysers and relevant fibres, a complete range of dialysis products: Allmed is committed and capable to offer customised solutions to professionals and patients. The innovative ALLMED NIDUS® breakthrough technology is the only system dedicated to haemodialysis therapies for infant with body weight from 800g. to 8kg. Allmed is also OEM manufacturer for filters, tubing systems and accessories used in other medical fields.
Website: www.allmedgroup.com

Ameco Medical Industries

Catheters from Doctors to Doctors
The CEO of AMECO MEDICAL and most of the partners are physicians who practice medicine for a quite long time where they had experienced the use of catheters in the medical field. In 1995, the group decided to go for manufacturing catheters. Dialysis catheters were the first to think about. Being physicians, the catheters designed in so sensible design to meet what physicians really need. Urology, central venous, sheath introducers and angiographic catheters are now among product range. New components are added to the range: scaled dispenser, guiding Y connector, haemostatic arterial needle connector.
The company is CE, ISO 13486, FDA approved, Canadian, Brazilian, Russian,...... registered.
Website: www.amecath.com

American Society of Nephrology

ASN: Leading the Fight Against Kidney Diseases
Vision - To prevent, treat, and cure kidney diseases.
Mission - ASN leads the fight to prevent, treat, and cure kidney diseases throughout the world by educating health professionals and scientists, advancing research and innovation, communicating new knowledge, and advocating for the highest quality care for patients.
Website: www.asn-online.org

AMGEN (Europe) GmbH

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. A biotechnology pioneer since 1980, Amgen has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.
Website: www.amgen.com
Exhibitors

Amicus Therapeutics
Booth: 5.022
Amicus Therapeutics is a biotechnology company at the forefront of therapies for rare and orphan diseases. The Company has a robust pipeline of advanced therapies for a broad range of human genetic diseases.
Website: www.amicusrx.com/

Arbor Research/DOPPS
Booth: 1.065
Arbor Research Collaborative for Health is a not-for-profit research organization based in Ann Arbor, Michigan, with expertise in biostatistical analysis, clinical practice, database management and integration, economics, and public policy. Arbor Research engages in health outcomes research on chronic disease and end-stage organ failure, including the international Dialysis Outcomes and Practice Patterns Study (DOPPS) program.
Website: www.DOPPS.org

Asahi Kasei Medical
Booth: 3.015
Asahi Kasei Medical is a world leader in research, development, and production of devices and systems for blood treatment and purification based on advanced membrane separation and adsorption technologies. It serves the global market with hemodialysis, intensive care, therapeutic apheresis and blood transfusion high-tech advanced products. Information about Asahi’s membranes, adsorbents and full range of products can be found on our website.
Website: www.asahi-kasei.co.jp/medical/en

AstraZeneca
Booth: 2.030
AstraZeneca is a global, innovation-driven biopharmaceutical business that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of cardiovascular, metabolic, respiratory, inflammation, autoimmune, oncology and neuroscience diseases. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide.
Website: www.astrazeneca.com
Exhibitors

Aurinia Pharmaceuticals

Aurinia is a late-stage biopharmaceutical company providing novel products specifically engineered to treat a limited, targeted patient population suffering from serious disease states for which there is a high unmet medical need. Our highly skilled leadership team has a proven track record of success in targeted markets. Together they possess more than 100 years of combined corporate and industry specific experience. Our strategy leverages the skills and knowledge of our team’s past clinical experience in the treatment of lupus.
Website: www.auriniapharma.com

Austrian Society of Nephrology, Österreichische Gesellschaft für Nephrologie

The ÖGN represents 270 nephrologists and 79 facilities specialised in the management of patients suffering from all acute and chronic kidney diseases. Our Society’s primary intention is to ensure that every patient has access to all modern and up-to-date diagnostic and therapeutic options in nephrological care. The society has developed the 60/20 project to increase awareness of kidney disease, its timely diagnosis and structured care to prevent progression and, if necessary, planned preparation for renal replacement therapy. The ÖGN is particularly proud of its Dialysis and Transplant Registry, which collects data on all patients undergoing renal replacement therapy in Austria.
Website: www.niere-hochdruck.at

B. Braun Avitum AG

A family-owned company founded in 1839 in Melsungen, Germany, B. Braun today is one of the world’s leading healthcare companies with more than 50,000 employees working at more than 50 locations around the world. B. Braun Avitum has been a leading provider of dialysis care products for more than 30 years. The product range includes dialysis machines and dialysis consumables for chronic and acute dialysis as well as a comprehensive product portfolio for special blood cleansing processes to treat conditions such as lipid metabolic disorders. In addition to its role as a manufacturer of dialysis equipment, B. Braun is an important provider of dialysis treatment. B. Braun Avitum operates 300 dialysis centers.
Website: www.bbraun-dialysis.com

Bain Medical Equipment (Guangzhou) Co., Ltd.

BAIN MEDICAL is a professional manufacturer of hemodialysis products. Our main products Dialyzer, Blood Tubing Line (BTL) and AV Fistula needle (AVF) have been exported to over 60 countries and cover more than 50 percent of domestic market, where all of them enjoy a good reputation of high quality with competitive price. Many top brands are doing OEM/OBM with us and our company has developed into the largest supplier of BTL in the world.
Website: www.bainmedical.com
Baskent University - Turkey

Baskent University was founded in 1993, as one of the foundation universities of Turkey. The founder and honorary president, Prof. Dr. Mehmet Haberal, performed the first successful transplantation surgery in Turkey (1975) and is renowned worldwide in the medical community. Baskent University has a broad spectrum of faculties in all branches of science including medicine; dentistry; engineering; administration, social, political financial sciences and law. Above all, the main interesting field of the university is medicine. The university has 12 hospitals, dialysis centers and burn units all over the country and works therefore in a medical network. Besides all medical departments, our scientific efforts are especially concentrated in the fields of liver, heart and kidney transplantations, HLA typing and immunogenetics and burn care.

Website: www.baskent.edu.tr

Baxter

Baxter International Inc. provides a broad portfolio of essential renal and hospital products, including home, acute and in-center dialysis; sterile IV solutions; infusion systems and devices; parenteral nutrition; biosurgery products and anesthetics; and pharmacy automation software and services. The company’s global footprint and the critical nature of its products and services play a key role in expanding access to healthcare in emerging and developed countries. Baxter’s employees worldwide are building upon the company’s rich heritage of medical breakthroughs to advance the next generation of healthcare innovations that enable patient care.

Website: www.baxter.com

Bellco

Bellco has been a pioneer in hemodialysis treatments since 1972, with a mission to create therapeutic solutions for chronic renal failure and critically ill patients. They have had a distinct focus on personalized and innovative treatments to meet complex patient needs. The acquisition of the Bellco portfolio by Medtronic will be one of the foundations of Medtronic’s recently formed Renal Care Solution business, furthering Medtronic’s commitment to improve outcome, expand therapy access and optimize cost and efficiency.

Website: www.bellco.net/default.aspx?lang=en
Biolight Co., Ltd. ................................................................. Booth: 6.009
Biolight has been dedicated in manufacturing medical instruments and consumables for more than 23 years. Product range includes Patient Monitors, Fetal Monitor, ECG, Home Care, Blood Purification products and providing dialysis service by operating dialysis center in domestic of China. In terms of blood purification products, we not only intend to provide integral solution for dialysis centers with hemodialysis equipments and related consumables, but also build and design dialysis center which making turnkey project available for investor. Since July of 2011, Biolight became a public listed company, our products and services spread out over 130 countries and regions all around the world.
Website: www.blt.com.cn

Bionic Medizintechnik GmbH .................................................... Booth: 2.080
Bionic Medizintechnik GmbH is specialized in products for the vascular access and therapy chairs in the dialysis field. The product range covers a variety of more than 100 types of dialysis fistula needles, dialysis catheters and numerous accessories for connection and disconnection. Bionic therapy chairs provide the utmost patient comfort and safety and exceed your expectations in functionality and design.

Bioteque Corporation ............................................................ Booth: 6.190
Bioteque Corporation provide solutions in many critical applications such as nephrology and dialysis, cardiovascular catheters, endourology, interventional radiology. All our facilities are accredited with ISO 13485 and compliant with FDA, GMP and Quality System Regulations. We are supplying quality products include: Pigtail Drainage Catheter / Double Pigtail Ureteral Stent / PCN kits for Nephrostomy, Hemodialysis Bloodline / AV Fistula Needles, IV Infusion Bags, Double Lumen Dialysis Catheter, CVC catheter, CAPD solution system. Our facility is ISO13485, CE-0434 accredited and passed FDA establishment audit. For more information, please visit our website.
Website: www.bioteq.com.tw
**BMVitek**

BMVITEK is a leading company, which is manufacturing and selling Central Dialysate Delivery System to worldwide. We have core technology and patent for CDDS system and manufacture Kidney Management System as well, which use for weighing dialysis patients before and after dialysis, and use for dialysis center operation.

Website: www.bmvitek.com/pages/page_1.php

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**Bodystat Ltd.**

Are you looking for an easy, fast and accurate method to calculate Dry Weight? The Multiscan 5000 is non-invasive and measures the Volume of Fluid Over-hydration, as well as showing the Body Composition, Hydration and BIVA Vector graph immediately on the colour touch screen. Since 1990, Bodystat has specialised in bio-impedance technology, spectroscopy and Cole Modelling. Raw data and Phase Angle are calculated at 50 frequencies up to 1000kHz to help assess Dry Weight and to help assess nutritional status pre and post dialysis.


Website: www.bodystat.com

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**Clearum GmbH**

Clearum manufactures customized membranes for low and high flux dialyzers as well as for special filters. We provide high performance, biocompatible, synthetic dialysis membranes based on PS and PES as an ideal basis for an optimal therapy. We guarantee a continuous quality control - from the raw material to the final product, taking processes and environment into consideration. Our well-equipped laboratory and the close collaboration with medical experts and clinics worldwide offer a high Standard of our products and their properties.

Website: www.clearum.de

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**CorMedix Europe GmbH**

The CorMedix Europe GmbH is a 100% subcompany of CorMedix Inc., a commercial-stage pharmaceutical company that seeks to in-license, develop and commercialize therapeutic products for the prevention and treatment of cardiac, renal and infectious diseases. CorMedix’s first commercial product in Europe is Neutrolin®, a catheter lock solution for the prevention of catheter related bloodstream infections and maintenance of catheter patency in tunneled, cuffed, central venous catheters used for vascular access in hemodialysis patients, in addition to oncology patients, critical care patients and patients receiving total parenteral nutrition, IV hydration, and/or IV medications.

Website: www.cormedix-europe.com
Crystal Clear Ltd. ............................................................................................................ Booth: 1.080
The Crystal Clear LTD. company is specialized in producing dialysers with polysulphone membrand and different active surface areas. The dialysers are with polypropylene housing and are BPA and DEHP free. Crystal Clear’s dialysers are with perfect biological indicators and clearance. All our products have CE marking. Crystal Clear LTD. has its own base for producing installations for water purification. We are certified according to ISO 13485:2003. We are offering wide range of productivity of reverse osmosis systems suitable for all types of dialysis centers. Crystal Clear Ltd. is also producing double pass reverse osmosis with on-line design.
Website: www.crystalclear.bg

CSN - Chinese Society of Nephrology ................................................................. Booth: 1.035
Website: www.csnchina.org

Culligan ............................................................................................................................ Booth: 4.017
Culligan International is one of the longest-established, best-known companies in the water treatment sector, founded in Chicago in 1936. Culligan is a worldwide organization whose mission is water quality improvement. We have an extensive licensee distribution system in over 100 countries. Culligan manufactures a complete line of systems for drinking water, as well as for many demanding industrial applications: ultrafiltration, electro-deionisation, pharmaceutical industry, haemodialysis, food and beverage industry, electronics industry, which requires the highest purity water possible.
Website: www.culligan.it
Czech Society of Nephrology, Prague

The Czech Society of Nephrology (CSN) is a successor of the Czechoslovak Society of Nephrology (founded 1958). Its first president was Jan Brod, one of the co-founders of the ISN. CSN unifies more than 450 members from 103 dialysis units, 7 transplant centers, 7 university departments and many regional facilities. RRT patients’ number reaches 1008 PMP. CSN organizes national congresses (bi-yearly), many educational and scientific meetings, ERA-EDTA Postgraduate CME courses and several international meetings. CSN manages several national-wide registries: The Czech Registry of Renal Biopsies, Registry of Dialyzed Patients, Registry of Patients with CKD4, and Registry of Patients with AAV.
Website: www.nefrol.cz

D.Med Healthcare - R&D Division

D.Med Healthcare is a Global products and services provider. The company has five divisions: R&D / Consulting, Technical Service, Production, Distribution and Medical Services. D.med NephroFlow has entirely been developed from our R&D/Consulting department. D.med NephroFlow is a measuring device of recirculation and access flow. It permits the needed surveillance, using the ultrasound dilution technology, a noninvasive access flow monitoring. Safe, quick and accurate, the device provides the actual blood flow, the access recirculation and the shunt flow of your patient during hemodialysis.
Website: www.dmed-healthcare.com

D.Med Healthcare

D.Med Healthcare is a global healthcare provider specialized in dialysis and diabetes care. More than 3,000 patients from different countries of Europe, Middle East, Africa and Asia-Pacific receive renal replacement treatments in our clinics. D.Med is built by ca. 1,000 employees at 35 offices with operations in more than 45 countries. The headquarters are in the Dusseldorf city airport, Germany. Decades of renal care expertise endorse our medical team. From our German engineering laboratory (R&D) based in Hamburg, we develop state-of-the-art dialysis technologies and procedures for the rest of the world and provide its technical service within an international network.
Website: www.dmed-healthcare.com
Danish Society of Nephrology ................................................................. Booth: 6.026O
The Danish Society of Nephrology (DNS) is the professional society for nephrologist and renal scientists in Denmark. DNS supports research in kidney physiology and kidney diseases in order to improve outcome for patients, promotes activities for education of renal physicians, and engages in issues relating to the planning and development of nephrology services. Website: www.nephrology.dk

DaVita Kidney Care ...................................................................................... Booth: 6.030
DaVita Kidney Care is a global provider of kidney care services, operating in 12 countries and serving more than 190,000 patients at 2,300-plus dialysis centers around the world. DaVita strives to improve patients’ quality of life, in coordination with physicians, through clinical innovation and optimized clinical outcomes, and is purely focused on providing healthcare services. We aim to build the greatest healthcare community the world has ever seen by innovating and adding value to kidney care while being a role model for global care. Website: www.davita.com/international

Dialife SA ................................................................................................. Booth: 2.025
Based in Switzerland, Dialife is a global provider of high quality products, equipment and services for renal care. We offer a comprehensive range of devices for hemodialysis treatment, including dialysis machines, dialyzers, tubing sets, fistula needles, sodium bicarbonate cartridges, concentrates, disinfectants, on/off kits, endotoxin filters, and more. We also specialize in setting up hemodialysis centers on turnkey basis, as well as transferring technology for the production of dialysis products. Website: www.dialifegroup.com

Diavantis .................................................................................................... Booth: 3.065
Diavantis is part of the Cendres+Métaux Group, and is an emerging young start-up in the field of medical technology with its head office located in Cham, Central Switzerland. The company’s focus lies on the development and marketing of vascular accesses, which are simple and intuitive in use and allow for a gentle and painfree haemodialysis. Website: www.cmsa.ch/en/Medical/Products-Services/VIVAXS-Liva
Exhibitors

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**Dustri-Verlag Dr. Karl Feistle**

For more than 40 years, “Clinical Nephrology”, a Dustri-Verlag publication, has been one of the leading journals in its field. Under the editorship of H.H. Malluche (Lexington, KT, USA) - supported by 20 Section Editors - the editorial quality has improved significantly due to a remarkable increase of manuscript submissions. Also ask for our special fellowship program. Our online journal “Clinical Nephrology - Case Studies” offers the possibility to publish open-access cases.

Website: [www.dustri.com](http://www.dustri.com)

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**DWA - The Dialysis Water Specialists**

DWA develops systems for production of ultrapure permeate and its distribution right into the dialysis machine. Our expertise in water treatment covers all aspects ranging from the pre-treatment stages, through reverse osmosis, ultra-filtration and heat disinfection systems, right up to the supply connection hose into the dialysis machine.

In addition, DWA offers systems for the production and distribution of acid concentrates.

Website: [www.dwa-online.com](http://www.dwa-online.com)

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**EDTNA/ERCA**

The European Dialysis & Transplant Nurses Association/European Renal Care Association (EDTNA/ERCA) was established in 1971 to address the special needs of nurses, physicians, social workers, dieticians, technicians, transplant coordinators & unit managers that care for patients with CKD and those requiring RRT. Today, 46 years later we still are working with the same goal as from the very beginning - our focus is on our Patients. We always strive for Excellence in everything we do. Our Knowledge & Experience ensure the outcome of our Educational Programs. Our strength is to focus on the unique competencies & experience of each and every individual to create a Caring Culture.

Contact: edtna-erca@adexcellentbranding.com

Website: [www.edtna-erca.com](http://www.edtna-erca.com)
The need of continuous up-dating for doctors working in the fields of nephrology, dialysis and transplantation is one of the missions of ERA-EDTA. Visit the booth to collect information about the courses organised or supported by ERA-EDTA in several countries, and also information about other courses and events of great educational level.

Website: www.enp-era-edta.org/#/enp/cme

Effe Emme S.p.A. ................................................................. Booth: 6.010
We have been producing single use sets for more than 35 years. We are focused on the Haemodialysis market, producing bloodlines and accessories. We have implemented our range adding oncology, infusion and transfusion sets. Our company structure, always evolving, allows us to promptly react to the increasing requirements of the market. Our customers have confidence in us as a reliable partner with a track record of long lasting cooperation. On time delivery and service are our standard.

Website: www.effeemme.it

Emodial ............................................................................... Booth: 6.015
Established in 1982, Emodial has experienced a strong growth process. Through the most innovative instruments, the company has qualified its presence onto the local market also projecting itself on the international scenery. Emodial manufactures and supplies a complete range of consumable for dialysis: AVF pads, plasters and bandages, ON/OFF sets for HD and PD, exit-site and fistula dressings based on silver to control and prevent infections of the vascular access. Emodial is also widely known for the waterproof pockets EXIT-POCKET WP, which allow all patients with catheters to take showers, baths and to swim!

Website: www.emodial.it
Exhibitors

ERA-EDTA ........................................................................................................ Booth: 7.005
With more than 7,000 members, the ERA-EDTA is one of the biggest nephrology associations worldwide. It supports basic and clinical research and several ERA-EDTA working groups reflect the most essential topics in nephrology and its affiliated disciplines. The “European Renal Best Practice” (ERBP) publishes guidelines and position statements. Besides, the ERA-EDTA maintains a registry assessing nephrology practice throughout Europe. Another important goal of the ERA-EDTA is education: several CME-courses and the annual congress cover the need of continuous medical education. Thereby, a special focus is placed on young doctors and scientists - with a special “Fellowship Programme” and a Young Nephrologists’ Platform (YNP). The association’s journals, NDT (Nephrology, Dialysis, Transplantation) and ckj (Clinical Kidney Journal), are currently the leading ones in Europe.
Website: www.era-edta.org

ERA-EDTA Copenhagen 2018 Congress ............................................................... Booth: 7.010
The 55th Annual Congress of ERA-EDTA will be held on May 24-27, 2018 at the Bella Center, Copenhagen (Denmark). Visit the booth to learn more about the destination and the hotels.
Website: www.era-edta2018.org

ESOT - The European Society for Organ Transplantation ................................. Booth: 1.010
ESOT is Europe’s main umbrella transplantation body, under which all transplant activities are organised. ESOT cooperates with many other organisations to structure and streamline transplant activities in Europe. Several Sections and Committees within ESOT represent expert knowledge on the respective organs and speciality fields. #ESOT2017 on September 24-27: an innovative event with the iconic title Transplantation BigBangBarcelona where all forms of modern educational and training aids will serve to present the highlights of transplantation today and tomorrow.
Website: www.esot.org
EuroPD - 4th-7th October, Dublin, Ireland

Join us in Dublin, Ireland, for the 13th European Peritoneal Dialysis Meeting from 4th-7th October 2017. EuroPD is the leading scientific organisation providing education in all aspects of the treatment and advancement of PD. The bi-annual Scientific Meeting attracts over 1500 PD specialists from all over the world. As well as having strong Clinical and Basic Science tracks, this year’s programme will have a variety of hands-on sessions covering everyday practical challenges such as catheter placement, hygiene and exit site care. Visit our website to view the full programme: www.europd.com

Website: www.europd.com

European Society for Paediatric Nephrology

The aim of the Society is to promote research knowledge of paediatric nephrology through teaching, scientific meetings and other methods, for the benefit of children with renal disease.

Website: www.espn-online.org

Fameco GME

Fameco General Medical Equipment is a French company located just outside Strasbourg in the heart of Europe. We are specialized in second-hand medical equipment of only the leading brands:
- Refurbished Dialysis, Anesthesia and Ventilation instruments
- Preowned Endoscopy, Electrosurgical and general medical equipment

Website: www.fameco.eu

Farmasol

As the local leading company in Turkey market have been manufacturing hemodialysis products We are proud to announce that Farmasol is one of the few companies all over the globe who manufactures all hemodialysis consumables (Dialyzers, Bag and cartridge bicarbonate, solutions, disinfectants, bloodstream and fistula needles) compatible with all machines. Farmasol is now the biggest company group in Turkey. We cover 35-40 percent of Turkey market share and presently export more than 30 countries. Our leading and unique products, SAFOL DaALYZER (PES high flux and low flux dialyzers are manufactured in partnership with our German Partner ALPHA PLAN and are very exciting by its high quality.)

Website: www.farmasol.com.tr
Federación Nacional ALCER .................................................................................Booth: 6.026R
Spanish Kidney Patients Federation. ALCER is the acronym for Association to Fight Against Kidney Diseases. ALCER is a non profit making association providing sociohealth services to improve the quality of live for people with kidney diseases and their relatives. Today ALCER have 51 regional associations member (one for each province in Spain) and 2 National Associations of people with rare kidney diseases like member associates. The whole ALCER individual members are 18,893.
Website: www.alcer.org

Firapy (WS Far IR Medical Technology Co., Ltd).......................................................Booth: 3.100
Firapy (WS Far-Infrared Therapy Unit) is the first physical therapy which is effect solution of vascular access problem. It is able to improve maturation rate of newly created fistula, improve patency of AVF, reduce restenosis of AVG after PTA, and increase access flow. The clinical outcome had published on JASN, AJKD, NDT, PLoS one, etc.
Website: firapy.com

Fresenius Kabi Deutschland GmbH ......................................................................Booth: 6.008
Fresenius Kabi is a global healthcare company that specializes in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company’s products and services are used to help care for critically and chronically ill patients. Fresenius Kabi’s product portfolio comprises a comprehensive range of I.V. generic drugs, infusion therapies and clinical nutrition products as well as the medical devices for administering these products. Within transfusion technologies, Fresenius Kabi offers products for collection and processing of blood components and for therapeutic treatment of patient blood by apheresis systems.
Website: www.fresenius-kabi.com
Fresenius Medical Care

Fresenius Medical Care is the world’s leading provider of products and services for people with chronic kidney failure. We offer products and services along the entire dialysis value chain from a single source. We care for nearly 300,000 patients in our global network of more than 3,600 dialysis clinics. At the same time, we operate 37 production sites on all continents, to provide dialysis products such as dialysis machines, dialyzers and related disposables. We aim to continuously improve the quality of life of patients with kidney disease by offering products and treatment concepts of the highest quality. Along with the core business, we focus on expanding the range of additional medical services in the field of care coordination.  
Website: www.freseniusmedicalcare.com

Gardhen Bilance Srl

Gardhen Bilance is a company present in most parts of the world thanks to its exclusive distributors and to high quality of the products. The beds and chairs with or without scales are available for all private dialysis centers and dialysis hospital departments. Gardhen Bilance manufactures medical devices and weighing systems in conformity to ISO 9001:2008, ISO 13485:2012, 93/42/CEE. Design, comfort, robust construction is our mission.  
Website: www.gardhenbilance.it

Geistlich Pharma AG

Geistlich Pharma AG is a Swiss company owned by the family Geistlich with its headquarters in Central Switzerland. The company develops and manufactures medical devices and pharmaceuticals with the goal of giving patients a better quality of life. With TauroSept® Geistlich Pharma AG offers a lock solution which prevents infection and occlusion of central venous catheters.  
Website: www.geistlich-pharma.org
Glomeria Therapeutics ........................................................................................................ Booth: 4.016
Glomeria Therapeutics is fully focusing on research, development, and commercialization in the global market of an innovative breakthrough peritoneal dialysis (PD) therapeutic platform for end stage renal disease (ESRD) patients, addressing the main clinical needs:
• Desmo PD, a connecting device able to fully prevent bacteria contamination, offering an “intrinsically safe” connectology for both APD and CAPD.
• Smart PD, a new APD machine offering continuous peritoneal pressure measurement and personalized dialysis.
• PD Solutions with safe osmotic agents.
All products are IP protected with various internationally granted patents and patent applications (list available on request).
Website: www.glomeria.com

Greiner Gmbh .................................................................................................................. Booth: 2.090
Made by GREINER means made in Germany. GREINER medbest has been supplying products for the medical field since the 1970s. A consistently high standard is applied in the development and production of GREINER couches. The same applies to our range of services. We achieve this by translating our flair for innovation into fully automated processes and handmade quality. High standards in design, materials, engineering and ergonomics combined with client-oriented flexibility make GREINER a partner to qualityconscious customers at the highest level.
Website: www.greiner-gmbh.de

GSK .................................................................................................................................... Booth: 1.085
GSK is a science-led global healthcare company with a mission to help people do more, feel better, live longer. We research, manufacture and make available a broad range of medicines, vaccines and consumer healthcare products. Visit our exhibit for information about our products and resources.
Website: www.gsk.com
Hellenic Society of Nephrology ................................................................. Booth: 6.026B
Hellenic Society of Nephrology, abbreviated HSN, was founded in 1970 and it is no-profit medical association, with its headquarters in Athens. Its principal aim is to promote all fields of Nephrology including basic science, clinical nephrology, haemodialysis-peritoneal dialysis and renal transplantation. In this context, HSN supports continuous education, training and updating of its members by organizing every year several educational meetings and seminars and every two years, the “Panhellenic Congress of Nephrology”. Finally, HSN institutes every year, clinical or research, young fellowship grants through a call for competition and encourages collaboration between European Renal Centers and Research Institutions.
Website: www.ene.gr

Herco Wassertechnik GmbH ................................................................. Booth: 5.050
Herco develops and offers complete water treatment solutions for dialysis applications since 1980. Products are: Water softeners, filters, reverse osmosis, ring main, bed head media panels, central concentrate distribution- and mixing systems. Reverse osmosis units for haemodialysis purposes according to MDD, TÜV approved.
Website: www.herco-wt.de

Hidropura ............................................................................................ Booth: 1.100
Hidropura - Dialysis Water Technology
For more than 30 years, developing, manufacturing and installing several equipments for dialysis applications. Dialysis Water Treatments:
- Water Pretreatments (modules with pre assembly in stainless steel chassis);
- Reverse Osmosis - Chemical and Heat disinfection;
- HD Technical Panels (optional colours) connecting to the HD monitors, water, acid solution, electricity, oxygen and vacuum, dialysed drain;
- Water treated loops, specially designed to prevent biofilm;
- Acid solution delivery system to the HD monitors;
- Acid solution loops.
Website: www.hidropura.pt
Exhibitors

Horizon Pharma ................................................................................................................................. Booth: 5.150
Horizon Pharma plc is a biopharmaceutical company focused on improving patients’ lives by identifying, developing, acquiring and commercializing differentiated and accessible medicines that address unmet medical needs. The Company markets 11 medicines through its orphan, rheumatology and primary care business units.
Website: www.Horizonpharma.com

Hungarian Society of Nephrology ................................................................................................. Booth: 6.026L
The Hungarian Society of Nephrology (HSN) is a scientific association. Our scientific journals are „Hypertonia es nephrologia”, and „Kidney and blood pressure research” publishing clinical and basic studies at the interface of nephrology, hypertension and cardiovascular research. The HSN with his partners from the non-profit scene is promoting knowledge about kidney diseases to the public through the „National Kidney Program”. The HSN contributes to research by funding research projects. Recently the HSN - in conjunction with the EDTA-ERA Young Nephrologists’ platform - has prompted the formation of a young nephrologists working group within the society and sponsored their entry into EDTA-ERA. Visit us to learn more about our Society.
Website: www.nephrologia.hu

I.E.M. GmbH ..................................................................................................................................... Booth: 6.130
IEM is a researcher, developer and manufacturer of validated medical products and services in the field of cardio-vascular screening, diagnostics and follow-up management.
IEM integrated pulse wave analysis algorithms into an ambulatory blood pressure monitor, allowing for the additional capture of aortic blood pressure, pulse wave velocity and further hemodynamic parameters within the same procedure of blood pressure measurement.
IEM introduced the Tel-O-Graph® GSM device, a home blood pressure monitor with in-built mobile phone technology. The telemonitoring product offering also includes capture of weight and ECG, in particular for support in heart failure programs.
IEM - Technology Expert in Hypertension Management
Website: www.iem.de
ICD Group ........................................................................................................................ Booth: 3.050
ICD Group is a family of ten specialized companies in dialysis industry working in a variety of fields including the production and supply of dialysis disposables, equipment, production line automated machinery, and raw material; establishment and administration of dialysis centers; and support of logistics services. ICD Group is a reliable source for managers, medical centers, patients, and customers as it has managed to provide a full treatment package. Today, by the provision of equipment and services under one umbrella and in compliance with ISO standards and CE requirements, ICD Group is involved in a progressive movement based on the triangle of “research, industry, and treatment”.
Website: www.icdgroup.org

Immundiagnostik AG .................................................................................................... Booth: 2.155
Immundiagnostik AG, founded in 1986, is a globally operating diagnostics company represented in more than 60 countries. Focus is on the development and production of innovative immunoassays (ELISA, EIA) and other analytical detection methods (e.g. HPLC, LC-MS/MS and PCR) for medical routine and research. Immundiagnostik’s mission is to provide effective tools for prevention, differential diagnosis and therapy monitoring in the areas of gastroenterology, cardiovascular diseases, disorders of the skeletal system and oxidative stress. The product portfolio is completed by a broad range of antibodies and antigens.
Website: www.immundiagnostik.com

Infomed ........................................................................................................................... Booth: 2.012
Infomed, worldwide player on blood purification devices offers complete solutions for chronic and acute renal replacement (homecare and hospital environment) and for plasma therapies. Active since 1997, Infomed continuously innovates to create devices designed to reach your topmost needs. Dimi, our homecare dialysis device, is now the partner for a new life at home. Dimi was thought to offer the freedom to provide the optimal treatment conditions fulfilling the patient requirements. Our products are adapted for adult, child and babies. Infomed is your trustful supporter for your extracorporeal project.
Website: www.infomed.biz
Exhibitors

**Inspramed Medical A.S.**
- Booth: 3.035
- Inspramed Medical is an international medical company located in Kayseri Free Zone, Turkey. It is specialized to produce haemodialysis consumable products. Within its product range are Insprasol haemodialysis acidic and basic concentrates which is suitable for all models of dialysis machines, Inspracart haemodialysis bicarbonate cartridges suitable for Gambro, Nipro, BBraun, Baxter and Nikkiso machines, Insprabag haemodialysis bicarbonate bags for Fresenius machines and Inspradez haemodialysis machine disinfectants used for all brands of dialysis machines.
- Website: www.inspramed.com.tr

**Intermedt Medizin & Technik GmbH**
- Booth: 2.135
- Intermedt was founded in 1997 and is a specialist for dialysis concentrate production systems. The fully automatic dry concentrate system ECOMix Revolution in combination with the ECOCart Revolution allows the production of concentrate in your own dialysis center. We don’t transport any water. Our cartridge ECOCart contains all raw materials in dry form for the production of up to 800 l acid dialysis concentrate. And for the ECOMix Revolution you also have the possibility to use the ECOCart ToGo as a disposable cartridge. Made in Germany for the World for already 20 years.
- Website: www.intermedt.de

**International Society for Peritoneal Dialysis**
- Booth: 1.055
- The International Society for Peritoneal Dialysis (ISPD) is a global not for profit organization that is committed to advancing the knowledge and improving the practice of peritoneal dialysis around the world. ISPD is actively involved in a number of specific projects in partnership with other renal associations providing educational support to develop PD access and availability, including for acute kidney injury in less developed countries. ISPD publishes its official journal, Peritoneal Dialysis International (PDI), on a bimonthly basis. Visit the ISPD booth to learn more about our educational activities and fellowships and the upcoming ISPD Congress in Vancouver, 5-8 May 2018.
- Website: www.ispd.org
**Exhibitors**

**International Society of Nephrology** ................................................................. Booth: 1.015
The International Society of Nephrology (ISN) is a global not-for-profit membership-based scientific society with a humanitarian mission dedicated to pursuing the global advancement of kidney care by supporting education, science and patient health. It also aims to bridge gaps between the developing and developed world in preventing kidney disease. Kidney International, ISN’s official journal, is widely regarded as the world’s premier journal on the development and consequences of kidney disease. Website: www.theisn.org

**IPNA Congress - Venice, October 2019** ............................................................. Booth: 1.040
The International Pediatric Nephrology Association (IPNA) boasts 1500 pediatric nephrologists and medical professionals from 103 different countries. The Association is committed to disseminating knowledge concerning children kidney disease in areas where care is most needed. The IPNA Congress is held every three years; the next IPNA Congress will be held on October 17-21, 2019 in Venice (Italy). The IPNA Congress is a very important occasion to meet internationally renowned specialists, present new research projects and also a networking moment that will enable Association’s members to make decisions as per the next steps to be taken for the future of Pediatric Nephrology. Website: www.ipna2019.org

**Italian Society of Nephrology** ........................................................................ Booth: 6.026F
SIN “Italian Society of Nephrology”, is a free, non-political and no-profit medical-scientific association, with its headquarters in Rome. Its principal aim is to promote and valorize Nephrology in all its clinical and scientific aspects. Moreover, SIN encourages education, training and constant update to his members and healthcare workers. Founded in 1957, Italian Society of Nephrology reunites nephrologists, physicians and other scholars, experts and professionals, active in various sectors of Nephrology without personal or work discrimination. SIN organizes an Annual Meeting. It promotes study groups in order to develop and examine issues and technologies in specific nephrology’s fields. Website: www.sin-italy.org
Exhibitors

Jafron Biomedical

Jafron Biomedical Co., Ltd., established in 1989, an A-share GEM listed corporation, is a leading enterprise in Chinese blood purification industry. We have the largest adsorption column manufacturing base in the world, with application in more than 3400 hospitals in China. With the goal of providing know-how and innovation in blood purification industry, we are open to the world and inviting you to join us for this valued and loving career!
Website: en.jafron.com/

Japanese Society of Nephrology

The mission of the JSN is to aid in the practice and study of Nephrology. In order to achieve this the JSN conducts a range of activities. These include holding regular meetings as a forum for the diffusion of information, producing regular journals, coordinating clinical research, promoting cooperation with related societies in Japan and internationally, as well as providing recognition to those who have made significant contributions in the field of Nephrology.
Website: www.jsn.or.jp/en/index.php

Jiangxi Sanxin Medtec Co., Ltd

Jiangxi Sanxin Medtec Co., Ltd is a public company with ISO,CE,FDA certificate since 1997. The company is Committed to be one of lead hemodialysis solution supplier, with Dialyzer, Blood tubing, A.V.Fistula needle, Dialysis concentrate & powder and Dialysis service so on. The has obtained 68 patents and registered more than 80 products. Rely on the first-class management team, and introduced the top advanced automatic production lines, becomes one of the nation’s largest hemodialysis consumable manufacturing enterprises. The excellent workmanship, timely delivery and efficient service are integrated components of our quality system.
Website: www.sanxin-med.com
Jihua Medical Apparatus & Instruments Co., Ltd. Guangzhou ......................... Booth: 5.185
JIHUA MEDICAL, established in 2000, is a hi-tech shareholding enterprise, we specially dedicate in designing, researching and manufacturing and marketing hemodialysis equipment and the concerned consumables ie. Dialysis machine, CRRT machine, Dialysis chair, RO water unit, Dialyzer reprocessing machine, Hemoperfusion machine and Blood pump and Dialysate stirring machine etc. Our company are certified with ISO 9001/13485 and our products are CE marked, so far we exported our products to more than 70 countries. JiHua’s vision is to be the leadership on nephrology with the most professional and sustainable development ability and outstanding corporation culture.
Website: www.ji-hua.com

JKC - Journal of Kidney Care ................................................................................. Booth: 7.040
Journal of Kidney Care (JKC) is the essential bi-monthly peer-reviewed publication for all members of the multidisciplinary renal team. It covers several clinical areas of renal medicine, such as dialysis, transplantation, diabetes, anaemia, pharmacy and nutrition. Formerly Journal of Renal Nursing, JKC was relaunched to reflect the multidisciplinary nature of kidney care and the wide range of the journal’s content. JKC’s content is aimed at doctors, nurses, healthcare assistants, dietitians, pharmacists, physiotherapists, paediatric specialists, clinical technologists, social workers, vascular access specialists, and transplant surgeons and coordinators specialising in kidney care.
Website: www.magonlinelibrary.com/toc/jokc/current

Joline GmbH & Co. KG ............................................................................................ Booth: 3.012
Joline GmbH & Co. KG has built on a long tradition in the development and production of dialysis catheters and has been manufacturing medical products under the highest “Made in Germany” quality standards for more than a decade. Advanced production technology and medical expertise ensure production consistency and reliability. Joline guarantees exeptional medical product quality in compliance with Germany’s high standards.
Website: www.joline.de
Exhibitors

Karger Publishers

S. Karger Medical Publishers is a publishing house whose titles in the field of nephrology include several scientific journals, e.g. ‘Kidney Diseases’ and ‘Nephron’ as well as the renowned book series ‘Contributions to Nephrology’. New releases presented include the titles ‘Scientific Aspects of Dialysis Therapy’ and ‘Ultrasound Imaging in Acute and Chronic Kidney Disease’. Publications are accessible online at www.karger.com/nephrology, with full-text search of articles, pay-per-view options and many other services. Founded 127 years ago, this Swiss-based family-owned publishing house combines highly sophisticated production technology with customized services for its authors, editors and readers.
Website: www.karger.com

KDIGO - Kidney Disease: Improving Global Outcomes

Kidney Disease: Improving Global Outcomes (KDIGO) is an independent foundation incorporated in Belgium that translates global science into local change. Its mission is to improve the care and outcomes of kidney disease patients worldwide through the development and implementation of global clinical practice guidelines. KDIGO has published 9 clinical practice guidelines to date, with new guidelines under development and guideline update projects currently underway. KDIGO implements its guideline recommendation statements and educates clinicians across the globe via numerous Controversies Conferences and Clinical Practice Conferences each year. Visit the KDIGO booth or website for information.
Website: www.kdigo.org

Likamed

LIKAMED is a globally leading manufacturer of therapy chairs for more than 38 years. Our products distinguish themselves by their high quality, patient comfort, longevity and cost efficiency. We are constantly striving for excellence in quality, service and technical superiority. Our wide range of products ensures solutions for every need of our customer all over the world.
Website: www.likamed.de
Lithuanian Nephrology, Dialysis and Transplantation Association (LNDTA) .......Booth: 6.026j
Lithuanian Nephrology, Dialysis and Transplantation Association (LNDTA) was founded in 1992. LNDTA is a nonprofit public professional organisation, seeking to coordinate clinical practice, research and educational activities in the field of nephrology in Lithuania. Association has 292 active members. LNDTA activities: 1. Organisation of international and national conferences, World Kidney Day events, 2. Preparing of local treatment recommendations; 3. Cooperation with Nurses Association, Kidney Patient Organisation; 4. Implementation of KDIGO guidelines on AKI, Renal anemia, Glomerulonephritis and CKD (translated into Lithuanian language, published, introduced during national conferences).
Website: www.lndta.lt

Macedonian Society of Nephrology, Dialysis Transplantation and Artificial Organs (MSNDTAO) ...........................Booth: 6.026C
MSNDTAO since its creation in 1992 has a history of 5 National Congresses and this year we’ll have our anniversary of the fifth Congress. In addition, many section and international meetings with nephrologists from the neighboring and countries from former YU exchanging knowledge and updating the current information of specific topics have been held over the years. Throughout the Society we support the WKD & DD initiatives and promote publicly and professionally improvement in kidney transplantation program as well as other types of RRT. Our society is also an initiator of the BANTAO Society creation and we do hope to host for third time Bantao Congress in Macedonia in 2019.
Website: mzndtvo.wix.com/en

Maider Medical Industry Equipment Co., Ltd......................................................... Booth: 6.025
Maider is a national leading hi-tech enterprise in the field of automation, engaged in developing and manufacturing of sterile medical products automation machines, to provide optimum automation solutions for global customers. Our main products are Extrusion and Cutter production equipment, I.V. set automatic assembly equipment, Metal Cannula automatic assembly equipment, Syringes automatic assembly equipment, Blood transfusion bag automation assembly equipment, Dialyzer automatic assembly equipment, Catheter adaptor automatic assembly equipment, Spike and chamber automatic assembly equipment, Blood collection series automatic assembly equipment and etc.
Website: www.maiderchina.com
Exhibitors

Maltron International Limited ..................................................................................... Booth: 2.014
Maltron will show case the world’s first real-time, continuous Monitor which can be used whilst the patient is being dialysed for quantification of Excess Fluid, Dry Weight, GFR, Intra/ Extracellular Fluid Balance, Malnutrition, loss of Muscle Mass and Body Composition. The first system, calibrated for use on Adults including Paediatric. The 2 in one BIAFDSA+ technology allows HD and PD patients to be assessed. Maltron has been in the forefront of Impedance technology and a leading manufacturer that has pioneered the use of BIA for Dry weight, GFR, and established many clinical Biomarkers for ill health, Malnutrition, Fluid overload and others.
Website: www.maltronint.com

MaXimus ........................................................................................................................... Booth: 2.005
MaXimus is an intelligent system intended for controlling diagnosis treatment and business processes in the medical corporation. Company Profile: MaXimus is a cloud information system intended for effective management in healthcare and built on telemedicine technologies: automatic data collection, diagnosis and treatment planning, patients condition monitoring, consultation, analytical registers, staff control and training. This is a structured collective experience, integration of science, education and regulations. The system is used in nephrology and dialysis areas, inpatient and outpatient units, laboratories, ICUs and Nefrosovet surgery rooms. MaXimus is a remote support and development, localization and scaling of multidisciplinary medical activity in Russia and abroad.
Address: 3, Kulneva str., Moscow, 121170, Russian Federation. RuMed
Website: www.nefrosovet.ru

Medcomp .......................................................................................................................... Booth: 4.150
This year the innovators of Medcomp proudly introduce the Symetrex Long Term Hemodialysis Catheter, engineered and designed to preserve access. Symetrex combines RF tipping technology with a unique anti-wall suction design to produce low recirculation, high flow catheter that meets the demands of the clinician. As well as Symetrex we will also be exhibiting Medcomp’s flagship product Split Cath. The most innovative long-term dialysis catheter design in the last 15 years. Rounding off the dialysis line Medcomp also offers DuraLock-C, an antibacterial anticoagulant catheter locking solution. Duralock is provided in pre-filled syringes packed and sterilized in Tyvek pouches for a more efficient off dialysis protocol.
Website: www.medcompnet.com
MediBeacon

MediBeacon develops proprietary, noninvasive, real-time monitoring systems for kidney function, gastrointestinal permeability and other light-activated diagnostics. MediBeacon’s transdermal detection device and fluorescent tracer agent are used to measure Glomerular Filtration Rate (mGFR). The miniature device can measure and track kidney function without animal restraint during monitoring. System use obviates the need for blood sampling, urine collection, and laboratory assays thus enabling superior preclinical trial design and execution. The technology enhances preclinical assessment of kidney therapeutics, evaluation of nephrotoxicity and understanding of kidney function in animals.

Medica SpA

Medica Group is operating since 1985 in the biomedical district of Mirandola (Italy). Development of innovative products for blood purification has always been the company’s core business. Hollow fiber spinning for hemofiltration, plasmapheresis and water ultrafiltration represents the core technology of the company. In recent years, the drive to find new products and markets has led the Group to launch the Medical Water Division, for the development and commercialization of microbial water filtration devices and develop products for bio-regenerative medicine.
Website: www.medica.it

Medikit Co., Ltd.

Medikit is one of the world’s leading manufacturers in certain categories of vascular access medical devices, especially fluorine resin HD catheter for use by hospitals and emergency services. Our is a global medical technology company whose goal is to fundamentally improve the quality of health through our medical devices. We take our social responsibility seriously and have a positive vision for the future: to become an organization that, by helping minimize unnecessary suffering and death from disease, will be recognized and respected as one of the world’s most reliable and best performing companies.
Website: www.medikit.co.jp/english
Exhibitors

MedVision AG ................................................................................................................ Booth: 3.030
As an internationally operating system supplier for medical data processing, MedVision stands for quality and innovation. For over 25 years, we have been developing efficient and economical standard application software for the medical sector. With the NEPHRO information system and the accredited Benchmarking Analyser QuasyNeT and SiQuiD, MedVision is market leader for nephrological information systems in Germany. OEM versions of our information system are sold worldwide by our cooperation partners. And globally, we are technology leader for IT in dialysis facilities.
Website: www.medvision.eu

Medway Teb Pouyan Co. (ICD Group ) ................................................................. Booth: 3.050
Website: www.CBMTinc.com

MedXL ............................................................................................................................. Booth: 4.013
MedXL designs and manufactures medical devices and prefilled syringes for the North American, South American, European and North African medical and pharmaceutical industries. MedXL produce the well know lock solution in a prefilled citrate syringe CITRAFLOW and saline flush syringes Praxiject and in a combi pack as PRAXIFLOW. Our 25,000 square ft facility in Canada, is equipped with Class 10,000 clean rooms. Within these areas, we perform manufacturing in isolator cells which allow us to reach Class 100 ratings for certain products. Our workstations for prefilled syringe filling have particle and bioburden counts that are 4 times more stringent than those required by industry standards.
Website: www.medxl.com
Exhibitors

Merit Medical .................................................................................................................. Booth: 6.160
Merit Medical® has been a global leader in the development, manufacturing, and distribution of proprietary disposable and implantable medical devices for 30 years. Merit Medical® has built a reputation for introducing and marketing innovative, high-quality products designed to enhance the practice of interventional medicine. Visit the Merit Medical® booth 6.160 to discover our innovative solutions for vascular challenges. Our vision is to be the most customer-focused company in healthcare. We are determined to understand our customers’ needs, provide cutting edge innovations, and deliver products that improve lives.
Website: www.merit.com

MSD ................................................................................................................................... Booth: 4.030
For 125 years, MSD has been a global health care leader working to help the world be well. MSD is a tradename of Merck & Co., Inc., Kenilworth, N.J., USA. Through our prescription medicines, vaccines, biologic therapies, and animal health products, we work with customers and operate in more than 140 countries to deliver innovative health solutions. We also demonstrate our commitment to increasing access to healthcare through far-reaching policies, programs and partnerships. For more information, visit www.msd.com
Website: www.msd.com

Muroplás ........................................................................................................................... Booth: 4.012
We believe that through the combination of the conception and manufacture of moulds with the injection of precision plastic parts, we can offer our clients unique benefits - through the added value of this combination. Our Components for Medical Devices are manufactured in our facilities in a clean room ISO class 7 with Krauss Maffei machines. Our catalogue is constantly evolving, as one of our main purposes is the development of new products, mainly for infusion and blood line systems. Apart from our catalogue, we also produce specific products for each customer, as well as products from the catalogue in different materials or colours, for different purposes or sterilization processes.
Website: www.muroplas.pt
Exhibitors

Nanning Passion Medical Equipment Co., Ltd........................................................... Booth: 1.110
NanNing Passion Medical is specialized in researching, developing manufacturing and distributing of Dialysis Chairs, Blood Donor Chairs, Dialysis Beds, ICU Beds. We have strong technical strength, comprising an experienced team with expertise and high technologies from Europe. Having introduced advanced manufacturing and inspecting facilities, we are able to perform dynamic monitoring covering full process of materials purchase, production and finished products. All Passion products have ISO 9001, ISO 13485, CE & FDA certifications approval. Our dedication is to providing the best products for patients, caregivers and facility administrators. Welcome to Passion Medical.
Website: www.peiyun120.com

NephroFlow .................................................................................................................... Booth: 5.200
NephroFlow is a process driven software platform that actively supports nurses and nephrologists in every step of the care trajectory. It provides them with valuable work instruments to facilitate a fluent transfer between treatment planning, preparation, administration and follow-up. By eliminating administrative overhead, facilitating better communication and using real-time data, NephroFlow’s mobile and desktop work instruments will help save over 60 minutes per shift. They also show proven results on patient safety, quality of care, work efficiency and work satisfaction.
Website: https://nephroflow.com

Nephrokit Innovation .................................................................................................... Booth: 3.105
Innovative Start-up owned by skilled French Nephrologist, 6 patented devices for hemodialysis vascular access Iris* the best compressive fistula device scientifically confirmed by many publications, Papyrus* to reduce fistula needle dislodgement, Samuraï* to reduce infectious risk of tunelled central catheters. We are launching MOZAIK compressive device combining microperforated adhesive surrounded by soft fain to enhance coagulation and patient gain of Time at post Dialysis needle removal. We are developing new tools as smartphone application to assess dry weight and detecting hypotension during dialysis sessions, waterless dialysis system.
Website: nephrokit.com
Nephtec GmbH

Nephtec GmbH is an innovative enterprise in the medical technology industry and was established on 16th May, 2014. Nephtec GmbH develops, produces and distributes new and innovative systems for the production of dialysis concentrates (electrolyte solutions for blood cleansing), corresponding to the formulation requirements given by the dialysis physician. The customer-focused character of Nephtec GmbH is to provide high-quality products, economically as well as ecologically. Although Nephtec cannot prevent cost increases in transport and healthcare, the enterprise offers intelligent solutions for cost reduction in for example therapy and organisation of your dialysis.

Website: www.nephtec.de/en

Nikkiso

Nikkiso, a pioneer in Dialysis and Acute Blood Purification, strives to advance complex medical technologies that optimise patient care in End-stage Renal and Critical Care areas. Through our commitment to improving clinical efficiency and the patient experience, Nikkiso has built a global reputation for unparalleled quality and innovation. Improving patient outcomes is at the very core of our ethos, balanced with addressing the needs of caregivers so they can focus on their patients who need our products. This is evident in the launch of the DBB-EXA, the first fully-automated dialysis system incorporating our BVM, Haemo-Master and D-FAS.

Website: www.nikkiso-europe.eu

Ningbo Tianyi Medical Appliance Co., Ltd.

The headquarters of Tianyi is located in Ningbo. It was founded in 1988 and changes to the name of Ningbo Tianyi Medical Appliance Co., Ltd. in 1998. With decades’ expertise, Tianyi has become an famous medical supplies enterprise, equipped with advanced facilities, that integrates R&D, sourcing, manufacturing, marketing & sales and after-service. The company specializes in the production of disposable medical polymer appliances. The major products consist of seven categories: Extracorporeal blood treatment devices and catheters. The company has achieved certificates of CE and ISO13485.

Website: www.tianyimedical.cn
Nipro Medical Europe

Nipro Medical Europe has built its reputation on consistent high levels of quality and service in EMEA countries. With its 6 Business Units, we distribute products for hemodialysis (Renal Care), hospital consumables (Hospital Products), blood glucose diagnostics (Diabetes Care), oxygenators and accessories (Cardiopulmonary), Enzymes/IVD and medical glass products (PharmaPackaging). Our priority is building long-term partnerships with each customer. This is accomplished by providing superior quality and value throughout the business in addition to listening to customer needs and translating those needs into specific products and services. We constantly strive to create and offer safe, high-quality products ensuring a better quality of life.
Website: www.nipro-medical-europe.com

NxStage Medical Inc.

NxStage provides the life changing benefits of home haemodialysis to a wider range of patients than ever before, with a simple, flexible and portable home haemodialysis therapy solution specifically designed for the patient. NxStage is more than a company; we are leading the renal revolution. Our innovative products are helping to shape and transform renal care.
Website: www.nxtsage.co.uk

Omeros Corporation

Omeros discovers, develops and commercializes therapeutics targeting inflammation, CNS disorders and cancer. OMIDRIA®, for use during cataract surgery, is approved internationally. Omeros’ pipeline includes drugs targeting MASP-2, MASP-3, PDE10, PDE7 and orphan G protein-coupled receptors, with late-stage clinical programs in aHUS, complement-associated renal disorders and hematopoietic stem cell transplant-associated TMA.
Website: www.omeros.com
Otsuka Pharmaceutical Europe Ltd. ................................................................. Booth: 6.005
Otsuka Pharmaceutical is a global healthcare company with the corporate philosophy: ‘Otsuka-people creating new products for better health worldwide.’ The Otsuka Group is comprised of 178 companies and employs approximately 47,000 people globally with products available in over 80 countries worldwide. Otsuka’s employees focus their energy into ensuring that patients have access to Otsuka’s innovative products and medical devices in our key therapy areas of mental health, endocrinology, nephrology, gastroenterology and oncology. To learn more about Otsuka Europe’s passion for patients, please visit STAND 6.005.
Website: https://www.otsuka-europe.com/

Oxford University Press ..................................................................................... Booth: 7.015
Oxford University Press is a leading publisher in nephrology journals, books and online products and our worldwide publishing furthers the University’s objectives of excellence in scholarship, research, and education. Visit us at stand 7.015 today to enter our competition, pick up your FREE copy of Nephrology Dialysis Transplantation (ndt), find out more about Clinical Kidney Journal (ckj), and browse our extensive collection of books, available to buy with an exclusive 20% conference discount and 35% discount for ERA-EDTA members.
Website: www.oup.com

PakuMed medical products gmbh - Germany .................................................. Booth: 1.105
PakuMed medical products gmbh is a German company founded in 1990 specialized in the development, manufacture and worldwide distribution of special medical products for oncology, nephrology, surgery, interventional radiology, neonatology. Highly qualified medical competence, flexibility and close cooperation with our customers as well as best service are our strong points. Our product quality meets highest international standard with reasonable prices. In addition to port catheter systems and belonging accessories - such as special non-coring port needles - innovative products for hemodialysis apheresis, ascites/peritoneal therapy complete our product range.
Website: www.pakumed.de
Perfect Medical Ind. Co., Ltd. ................................................................. Booth: 1.095
Perfect Medical was found in 1989 and expanded its production capacity by establishing a branch in Vietnam in 2002. Certified with ISO 9001, ISO 13485, CE and GMP standard. The main products include Hemodialysis Blood tubing set, Transfusion set, Infusion set, Disposable Syringe, Safety Syringe, A.V. Fistula, Extension set, Needless injection...etc.
Website: www.perfectmedical.com.tw/

Physidia ............................................................................................................................ Booth: 4.165
Physidia is a French start-up created in 2010. Physidia’s mission is to manufacture and promote the daily dialysis system S³. The main functions of the machines are performed with the use of disposable elements that ensure a safe, simple and sterile process:
- The dialysate cassette that controls the fluids and ultrafiltration
- The extracorporeal circuit
- The aporygenic sterile dialysate bags
CE mark was granted in 2013. One year treatment by same patients was celebrated in November 2014. Installed base is over 100 in France.
Website: www.physidia.fr

Plinth 2000 Ltd .............................................................................................................. Booth: 4.195
‘Innovative Patient Handling for Healthcare’
We are the UK’s leading manufacturer and supplier of medical couches and chairs. With over 40 years’ experience serving the medical profession, we manufacture our products in-house ensuring quality and service. Featuring a market leading lifetime frame and 5-Year component guarantee you can be sure our couches are built to last and represent best value.
Website: www.plinth2000.com
Polish Society of Nephrology ................................................................. Booth: 6.026Q
Polish Society of Nephrology was established in 1983. The number of members has reached 1100 and there are 8 regional branches in all large academic centres in Poland. Scientific congresses of the society are organized every third year and educational conferences annually between the congresses. The society provides a scientific platform for education of nephrologists and for research coordinating and sponsoring observational studies and registries. The Society formally supports patient organizations and promotes nephrology countrywide organizing numerous events for medical professionals and patients, e.g. screening for CKD. The Society issues guidelines and statements for nephrologists and other medical specialists.
Website: www.ptnefro.pl

Portuguese Society of Nephrology ............................................................ Booth: 6.026U
Portuguese Society of Nephrology supports the research, educational programs, international cooperation and epidemiological programs that involves the Portuguese nephrology community.
Website: www.spnepro.pt/

Quanta Dialysis Technologies ................................................................. Booth: 3.135
Quanta aims to improve the lives of dialysis patients by providing advanced haemodialysis solutions for use in the clinic and the home. The Company’s lead product SC+ provides performance, flexibility and convenience to empower dialysis patients to regain control of their lives. Founded in 2008 and based in Alcester, UK, Quanta has attracted funding from a group of leading investors including: Stage Capital/NBGI Ventures, Wellington Partners, Seroba, b-to-v Partners, ALIAD, Sventure Partners and Kuwait Life Sciences Company, as well as IMI plc.
Website: www.quantadt.com
Raumedic AG is a development partner and manufacturer of tubing, molded parts, catheters and components for the medical and pharmaceutical industry. The company processes medical-grade thermoplastic polymers and silicones at a total of four production sites in Germany and in the USA. Furthermore, the medical engineering company develops and produces high-precision pressure measurement systems with microchip technology for the indication areas of neuromonitoring and traumatology. With 60 years of experience in the fields of extrusion, injection molding and assembly, as well as the commitment of currently 700 employees worldwide, RAUMEDIC is optimally equipped to transform the ideas of its customers into well-engineered product solutions.

Website: www.raumedic.com

RenaCare NephroMed GmbH is your partner in nephrology and specialist for protein-wasting.

Website: www.renacare.com

Renal Care is a company specialising in renal replacement therapy, established by a group of entrepreneurs comprising nephrologists, dialysis nurse and researchers who believe in balancing sustainable business growth with corporate social responsibility. Renal Care offer patients the flexibility, comfort and convenience of home-based dialysis. We offer a range safe and affordable products and innovations that is revolutionising the renal care industry around the world.

Website: www.renal-care.com

Renal Research Institute, LLC (RRI) provides dialysis therapy and research services. It also provides consulting and administrative services, such as outpatient dialysis consulting and administrative, inpatient acute nephrology, therapeutic apheresis administrative, and facility planning and construction services for physicians, outpatient clinics, and hospitals. RRI also holds an annual international conference on dialysis, the 20th anniversary will be held January 31-February 2, 2018 at the Disney Contemporary Hotel in Lake Buena Vista, Fl.

Website: www.renalresearch.com
Rontis ................................................................................................................................. Booth: 3.190
Rontis is a Switzerland-based company with a history in R&D & manufacturing of medical devices, pharmaceuticals, nutrition and dermaceutical products and provides of dialysis services. We produce disposables for Nephrology, Urology, Liquid Administration and Anesthesiology, as well as products for Interventional Cardiology & Radiology and kyphoplasty. We also provide OEM services and custom-made solutions. Pharmaceuticals: Rontis has a vertically intergrated manufacturing system that is supported by our the R&D division. Infant Nutrition / Consumer Healthcare: we have developed a range of infant / baby nutrition formulas, as well as specialized dermaceuticals for babies and children. Website: www.rontis.com

Russian Dialysis Society ............................................................................................. Booth: 6.026S
Non-profitable organization, assembling nephrologists of Russian Federation.
First president - Natalia Tomilina
Current president - Anton Andrusev
Vice-presidents - Elena Zakharova, Alexander Zemchenkov
Main activities:
National Conferences (biannual)
Regional CME meetings (4-5 per year)
National Registry of patients, receiving Renal Replacement Therapy), providing data to the ERA-EDTA Registry
Translation of International Guidelines (ERBP, KDIGO)
Creating National Guidelines and Recommendations
Peer-reviewed journal “Nephrology and Dialysis” (quarterly), Russian-language with abstracts in English. Editor-in-chief Natalia Tomilina. Deputy editors: Elena Zakharova and Elena Prokopenko
Website: www.nephro.ru
Exhibitors

SANOFI GENZYME
Sanofi Genzyme, the specialty care global business unit of Sanofi, focuses on rare diseases, multiple sclerosis, oncology, and immunology. We help people with debilitating and complex conditions that are often difficult to diagnose and treat. Our approach is shaped by our experience developing highly specialized treatments and forging close relationships with physician and patient communities. We are dedicated to discovering and advancing new therapies, providing hope to patients and their families around the world. Learn more at www.sanofigenzyme.com.
Website: www.sanofigenzyme.com

SEDYT - Spanish Society of Dialysis and Transplantation
The Spanish Society of Dialysis and Transplantation (SEDYT) is a scientific association founded in 1978 which includes specialists who deal with kidney diseases and therapies. Its aims are to encourage and disseminate research in the fields of Chronic Kidney Disease, Dialysis and its various forms, nephrology, apheresis and Renal Transplantation, as well as other related matters. The SEDYT is open to cooperation and develops as value the spirit of fostering relations with other scientific societies of health professionals, with institutional health organizations, as well as with kidney patients. This year the SEDYT carries out its 39th National Congress (on 11-13 May, in Alicante, Spain).
Website: www.sedyt.org/

Serbian Society of Nephrology
The Serbian Society of Nephrology (SSN) was founded in 2008, and now has 249 active members. SSN is active in organization and supporting education of Serbian nephrologists throughout congresses, seminars and schools as CME. Last year SSN supported 2 fellowship projects and this year 3 multicenter studies will be hold up by SSN. Since 1997 register of patients on the dialysis and transplanted patients was to re-establish and supported by SSN. Ever since, the data have been regularly collected and reports published in ERA EDTA register. According to up to date registry, there are 59 hemo and peritoneal dialysis centers and 5 transplant centers with 5414 patients on renal replacement therapy in Serbia.
Email: nefrolozisrbije@gmail.com
Website: www.udruzenjenefrologa.com
Serumwerk Bernburg AG ............................................................................................. Booth: 2.022
Serumwerk is a medium-sized pharmaceutical company with more than 60 years’ tradition in the development and production of medicinal products, medical devices and active pharmaceutical ingredients. We have in recent years focused increasingly on the development of innovative products based on natural biopolymers and an iron preparation to prevent anaemia, which are internationally at the forefront and are marketed worldwide in cooperation with selected partners. Our core business is based on production at our German site, whereby we guarantee high quality standards and secure regional jobs. Our sales partners in more than 60 countries have shown trust in our “Made in Germany” products.
Website: www.serumwerk.com

Shire International ..................................................................................................... Booth: 4.025
Shire enables people with life-altering conditions to lead better lives. Our strategy is to focus on developing and marketing innovative speciality medicines to meet significant unmet patient needs. We focus on providing treatments in Rare Diseases, Neuroscience, Gastrointestinal and Internal Medicine and we are developing treatments for symptomatic conditions treated by specialist physicians in other targeted therapeutic areas, such as Ophthalmics.
Website: www.shire.com

Sigma-Tau - Alfasigmagroup .................................................................................. Booth: 4.145
Sigma-Tau, Alfasigma Group, is a private pharmaceutical company headquartered in Pomezia (Italy) and, with its subsidiaries, is a leading player in the Italian market with a substantial international presence. Sigma-Tau has a wide product portfolio available in Italy and abroad in the main therapeutic areas and it is a leader in the nutraceutics industry. The Alfasigma Group, which also includes Alfa Wassermann, is ranking among the top five players in the Italian pharmaceutical market, both in prescription and over-the-counter products, with a turnover of approx. 940 million Euro. Alfasigma operates directly in 18 countries, among which the USA, China, Russia and several European countries.
Website: www.sigma-tau.it
Society of Nephrologists, Dialysis and Transplant Physicians of Kazakhstan......Booth: 6.026P
We are pleased to welcome you to the Society of Nephrologists, Dialysis and Transplant Physicians of Kazakhstan. Our Society makes a significant contribution to the development of nephrology care in Kazakhstan and actively assists in the medical and educational work of physicians on Nephrology profile. According to our regulations one of the main activities of Society is to support the development of all sectors of the nephrology care (clinical nephrology, dialysis and kidney transplantation) in the Kazakhstan, supporting physicians to provide them relevant knowledge.
Sincerely yours, Saltanat Tuganbekova
President, Society of Nephrologists, Dialysis and Transplant Physicians of Kazakhstan
Website: www.nephro.kz

Spanish Society of Nephrology.................................................................Booth: 6.026H
Created in 1964, the Spanish Society of Nephrology (S.E.N.) has over 2000 members, increasing year by year. Our main objectives are: 1) the integrated management of CKD, with active programs for HD, On- line HDF, PD and Renal Transplantation. 2) Continuous Medical Education programs for our fellows and affiliated members. 3) The maintenance of an active research-grant program, with a total amount of over 280.000 €/year. 4) The maintenance of our first publication, NEFROLOGIA Journal. We are members of the board of the EURECAm and maintain close relations with other European and Ibero-Latin America national societies and also with the ASN, ISN or the IS of Transplantation.
Website: www.senefro.org

Submed ....................................................................................................................Booth: 7.055
Under the brand name EASY HD, SUBMED has a core range of own-manufactured single use products and supplementary components and dressings that create complete set for connection & disconnection procedures in each hemodialysis fistula and catheter therapy. EASY HD Kits are tailored to your individual needs and practises while providing you the safest and the easiest way. EASY HD range includes various versions of:
• Fistula Connection&Disconnection Sets
• Catheter Connection&Disconnection Sets
Website: www.submed.com.tr
Suisse Med Technologies and Meditecllab ................................. Booth: 5.025
Suisse Med Technologies is a market leader in providing synthetic hollow fibre spinning lines
for blood (PES/PSU) and water (PES/PVDF) filtration, dialyser assembly lines, NF, UF & MF
water modules. Our technology is designed to deliver optimal cost of goods while ensuring
worldwide quality standards. We support our customers to achieve their financial goals
by offering a wide range of additional services such as go-to-market strategies, regulatory
compliance, ISO-10993 compliant devices, NF- compliance and qualified raw materials.
Our subsidiary, Meditecllab, is a supplier of quality dialysis products that meet all
international norms: ISO 9001 v-2000, ISO 13485 v-2003 and the European Medical Device
Website: www.suissemt.com

Suzhou Jun Kang Medical Technology Co.,Ltd.......................... Booth: 6.070
Suzhou Jun Kang Medical is a high-tech joint venture of modern manufacturing enterprise
specializes in extracorporeal circulation and blood purification products. Our company
has introduced the world’s most advanced spinning and assembly line from Germany.
We have setup the Class 100,000 for the spinning and injection molding workshops, class
10,000 assembly workshop, advanced biological laboratory, physical and chemical laboratory
and the complete quality guarantee system according to the GMP requirements, provides
guarantee for high quality products. Staring from the source of quality, adhere to quality
integrity, service integrity, care for health and escort for life.
Website: www.junkangmedical.com

TauroPharm GmbH ................................................................. Booth: 2.027
TauroPharm GmbH is specialized in antimicrobial medical devices and offers a safe
and effective technology for locking central venous access devices (catheters and ports).
TauroLock™, a non-antibiotic lock solution, which is capable of dramatically reducing
catheter related blood stream infections (CRBSI) is free of side-effects. TauroLock™ is highly
effective in eradicating bacteria and fungi and has been successfully tested on more than
five hundred organisms, incl. multiresistant forms such as MRSA and VRE. It is to be used
in dialysis, oncology, intensive care and parenteral nutrition. To improve catheter patency
TauroLock™ products contain 4% citrate and in add. heparin or urokinase.
Website: www.taurolock.com
Exhibitors

The (UK) Renal Association ................................................................. Booth: 6.026A
The Renal Association is the professional body for United Kingdom nephrologists (renal physicians, or kidney doctors) and renal scientists in the UK. From its foundation in 1950, the Renal Association has been active in promoting and disseminating research that may ultimately improve outcomes for patients with kidney disease. The Association has also taken a leading role in the education of clinicians and scientists interested in kidney disease. More recently, it has become more active in issues around training of doctors and the planning and development of clinical services. Website: www.renal.org

The Association of Nephrologists of Montenegro ......................... Booth: 6.026K
The Association of Nephrologists of Montenegro was established in 2007. Our main goal was the establishment of kidney transplantation program. Support was brought throw collaboration with Regional Health Development Center and SEEHN (South-Eastern Europe Health Network). The first kidney transplantation from living donor was preformed on 25th September 2012. We received congratulations from WHO (World Health Organization), Eurotransplant and ERA EDTA. The first kidney transplantation from the deceased donor was preformed on 9th of December 2013. We organized a lot of educational activities seminars, postgraduate courses and lectures concerning different topics in nephrology.

The Egyptian Society of Nephrology and Transplantation ..................... Booth: 6.026T
The ESNT has been founded since 40 years, it’s first congress was held in 1980. Now ESNT holds 2630 members. It’s our mission to spread nephrology education within our medical society and we are upgrading our objective. Our webpage displays all of our educational material streamlined together with various educational info. The ESNT holds its annual congress with collaboration from ERA-EDTA & ISN. Website: www.esntonline.net
Tianjin Shitelei Biotech Company Ltd. ................................................................. Booth: 6.035
We’re a Chinese medical instrument company, which produce sterilizer for HD machine, and media for water testing.
Website: www.shitelei.net

Toray Medical Co., Ltd. .......................................................................................... Booth: 3.010
Toray Medical Co. Ltd. is a member company of the Toray Group, specializing in healthcare field business. Toray is a leading manufacturer of synthetic fibers and dedicated to the development of dialysis products under its corporate slogan, “Innovation by Chemistry”. Toray supports high quality and advanced medical care with our biocompatible polymethylmethacrylate dialyzer “FILTRYZER”, high flux polysulfone dialyzer “TORAYSFONE”, “TORAYLIGHT” and dialysis machine.
Website: www.toray-medical.com/en/

Transonic Europe ................................................................................................. Booth: 3.200
Transonic is the global leader in blood flow measurement technology. Transonic’s gold standard Hemodialysis Monitor has revolutionized hemodialysis by assessment of dialysis adequacy with delivered blood flow and recirculation measurements, vascular access patency through access flow measurements, and cardiac function through measurement of cardiac output and derived parameters.
Website: www.transonic.com

Triomed AB .......................................................................................................... Booth: 6.150
Triomed is developing a Wearable Artificial Kidney for renal insufficiency patients and a Wearable Peritoneal Ultrafiltration System for patients suffering from fluid overload. Triomed’s systems use novel technologies which allow the regeneration and recirculation of the patient’s peritoneal fluid.
Website: www.triomed.se
Exhibitors

Trumph Medical Technology (Wuhan Huacheng) Co., Ltd ................................. Booth: 4.070
With 15 years of blood purification experiences and 20 cooperative dialysis centers in mainland China, Trumph Medical Technology (Wuhan Huacheng) Co., Ltd is the biggest manufacturer in central China that can independently produce dialysers. Trumph Medical has now received 9 utility model patents and 2 other patents for invention. The company’s products range from high/low flux haemodialysers to blood transfusion tubes, not to mention AV needles, disposable dialysis nursing kits and haemodialysis machines.
E-mail: info@hccfmedical.com
Website: www.hccfmedical.com

Turkish Society of Nephrology ........................................................................ Booth: 6.026N
Turkish Society of Nephrology (TSN) was founded in Istanbul forty seven years ago in 1970. TSN has 560 active members and also 8 branches with their own separate memberships in Istanbul, Izmir, Kayseri, Antalya, Bursa, Konya, Adana and Ankara. Turkish membership has actually reached 429 in ERA-EDTA (6th largest membership).
Website: www.tsn.org.tr

Vifor Fresenius Medical Care Renal Pharma ................................................... Booth: 3.020-3.021-3.025
Vifor Fresenius Medical Care Renal Pharma is a rapidly-growing international company that focuses on nephrology. We combine the strengths of our two partnering companies: Vifor Pharma, specialising in the treatment of iron deficiency; and Fresenius Medical Care, the world’s largest integrated provider of products and services for individuals undergoing dialysis. We develop and commercialise high quality, innovative products and patient-centric solutions that help patients with CKD to manage their condition and to live healthier. We work in partnership with specialist clinics, healthcare professionals, payors and patients to offer them the most comprehensive portfolio of nephrology products.
Website: www.viforpharma.com/en/About-Vifor/vfmcrap/vfmcrap.php
Wego Blood Purification Products Co Ltd ................................................................. Booth: 5.060
Established in 1988, with over 30,000 global employees today, WEGO group has over 60 subsidiaries covering 10 industries. The company has been listed in Hong Kong stock market since 2004, with the stock code HK: 01066. The company was listed in Top 500 Enterprise of China in 2016. Established in 2004, WEGO Blood Purification Business Group is devoted to provide products and service for blood purification. We have six subsidiaries and cooperate with two international medical enterprises: Terumo and Nikkiso. With hemodialysis, Peritoneal dialysis and dialysis clinics as our strategic orientation, we offer the complete blood purification related products and service to serve global kidney disease patients wholeheartedly.

Wichtig Publishing srl .............................................................................................. Booth: 7.035
Wichtig Publishing is an indipendent publisher of scholarly journals and books. The company - with offices in Cheshire, UK and Milan, Italy and with a growing network of partners worldwide - publishes niche specialty medical journals; the majority of the company’s journals is published in partnership with distinguished academic scientific societies around the world. The company has a proprietary list of journals focusing on such specialties as nephrology and vascular access for hemodialysis, artificial organs research, urology, ophthalmology, diagnostic and clinical oncology, scleroderma, endometriosis and related disorders, orthopedic surgery, biomaterials and health technology assessment.
Website: www.wichtig.com

Wisepress Medical Bookshop .................................................................................... Booth: 7.045
Wisepress.com, Europe’s leading conference bookseller, attend around 200 conferences every year. We have an extensive range of books and journals relevant to the themes of this conference available at our booth. We also have a comprehensive range of STM titles available on our online bookshop. Follow us on Twitter @WisepressBooks
Website: www.wisepress.com
<table>
<thead>
<tr>
<th>Programme at a Glance - Saturday, June 3rd, 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hall 10.A</strong></td>
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<tr>
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<td>8.30-11.45</td>
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**LEGENDA**
- Fluid & Electrolytes, Tubular Transport, Physiology
- Hereditary Disorders, Development, Pregnancy, Paediatric Nephrology
- Glomerular Diseases & General Clinical Nephrology
- CKD - Pathophysiology, Epidemiology, Prevention, Progression, Ageing
- End-Stage Renal Disease, Haemodialysis
- Home Therapies, Peritoneal Dialysis
- Transplantation & Immunology
- Hypertension, Diabetes, Vascular Disease
- Acute Kidney Injury & Intensive Care Nephrology

**Nurse track**
Programme at a Glance - Sunday, June 4th, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>08.00-09.30</td>
<td>S 01 SGLT-2 inhibitors in diabetic kidney disease</td>
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<td>S 02 Management of AKI patients in the ICU</td>
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<td>S 03 Glomerulonephritis: What is new in 2017?</td>
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<td>S 04 ERA-EDTA Registry</td>
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<td>S 05 Cell biology in the renal tubule</td>
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<td>S 06 The ugly new faces of old enemies - bacterial infections in nephrology</td>
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<td>FC 01 Imaging and hemodynamics</td>
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<td>FC 02 CKD rehabilitation and ageing</td>
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<td>09.30-10.45</td>
<td>Poster session, coffee break and exhibition visit</td>
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<tr>
<td>10.45-11.30</td>
<td>PL 2 Whole-body and whole-organ clearing and imaging - Hiroki Ueda</td>
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<td>11.30-11.45</td>
<td>Coffee break and exhibition visit</td>
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<tr>
<td>11.45-13.15</td>
<td>S 07 Late breaking clinical trials</td>
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<td>S 08 Management of complications after kidney transplantation (I)</td>
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<td>S 09 Epidemiology and CKD-MBD</td>
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<td>S 10 Use of home-based therapies in Europe - a missing link?</td>
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<td>S 11 Renal mineral handling - what's new?</td>
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<td>S 12 Immunology and hypertension during pregnancy</td>
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<td>FC 03 Transplantation experimental and immunotolerance</td>
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<td>15.15-16.45</td>
<td>S 13 American Society of Nephrology Highlights (ASN)</td>
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<td>S 14 The Lancet/ERA-EDTA</td>
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<td>S 15 Heart failure in chronic kidney disease</td>
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<td>S 16 Peritoneal dialysis and cardiovascular risk</td>
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<td>S 17 Genetics of blood pressure regulation</td>
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<td>S 18 Management of complications after kidney transplantation (II)</td>
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<td>FC 04 Biomarkers</td>
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<td>S 19 Novel aspects of management of blood pressure in chronic kidney disease</td>
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<td>S 20 Special conditions in the ICU requiring nephrological advice</td>
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<td>S 21 The uremic microbiota - Implications for the uremic phenotype and treatment</td>
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<td>S 22 NDT Polar Views</td>
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<td>S 23 Hemodialysis anticoagulation: present and future</td>
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<td>S 24 ERA-EDTA &amp; Japanese Society of Nephrology (JSN)</td>
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<td>FC 11 Transplantation clinical II</td>
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<td>FC 12 Uric acid and metabolic syndrome</td>
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<td>FC 13 Epidemiology in dialysis II</td>
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<td>FC 14 History of nephrology</td>
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Fluid & Electrolytes, Tubular Transport, Physiology
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<tbody>
<tr>
<td>08.00-09.30</td>
<td>S 25 Novel drugs in chronic kidney disease</td>
<td>S 26 Bone loss in chronic kidney disease</td>
<td>S 27 Hepatitis C, hepatitis B and HIV in the era of effective antivirals</td>
<td>S 28 Therapeutic use of renal progenitor and adult renal cells for kidney regeneration</td>
<td>S 29 YNP - Young Nephrologists’ Platform</td>
<td>S 30 New insights into progressive chronic kidney disease</td>
<td>FC 15 Experimental renal pathology</td>
<td>FC 16 AKI experimental</td>
<td>FC 17 Experimental and clinical hypertension</td>
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<td>S 31 Prevalence and management of atrial fibrillation in CKD 4, 5 and 6D</td>
<td>S 32 Residual renal function in HD - an opportunity for improvement</td>
<td>S 33 Chronic kidney disease - a clinical model of premature ageing</td>
<td>S 34 Ethics in scientific research</td>
<td>S 35 Non-invasive biomarkers of renal fibrosis or progressive kidney diseases</td>
<td>S 36 Developmental origin of health and disease</td>
<td>FC 18 Diabetes clinical</td>
<td>FC 19 Cardiovascular risk factors in dialysis</td>
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<td>S 43 Diabetic nephropathy - how should it be treated?</td>
<td>S 44 ERA-EDTA &amp; European Society of Hypertension (ESH)</td>
<td>S 45 Salt and the diseased kidney: an evil relationship or a too blamed one?</td>
<td>S 46 Immunosuppression after renal transplantation - less, more or appropriate?</td>
<td>S 47 Focal segment glomerulosclerosis - new insights into pathomechanisms</td>
<td>S 48 Muscle mass and fat mass in chronic kidney disease - assessment and implications</td>
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<td>S 49 Is obesity merely about calories?</td>
<td>S 50 The impact of inflammation on the progression of chronic kidney disease</td>
<td>S 51 The role of genetics in the pathogenesis of chronic kidney disease</td>
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<td>13.15-15.15</td>
<td>S 55 Progressive Medical Special Pharma</td>
<td>IS BAXTER</td>
<td>IS ALEXON PHARMACEUTICALS</td>
<td>IS SHIRE INTERNATIONAL</td>
<td>IS PACE - RESVERLOGIX</td>
<td>IS DAIKIN NUTRICIA RESEARCH</td>
<td>IS Otsuka Pharmaceutical Europe</td>
<td>IS NIPRO MEDICAL Europe</td>
<td>FC 19 Clinical</td>
<td>FC 20 AKI clinical</td>
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<td>S 71 The role of inflammation in the progression of chronic kidney disease</td>
<td>FC 19 Clinical</td>
<td>FC 20 AKI clinical</td>
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<td>17.00-18.30</td>
<td>S 72 DIABETIC PATHOLOGY</td>
<td>S 73 Hypertension, Diabetes, Vascular Disease</td>
<td>S 74 The role of genetics in the pathogenesis of chronic kidney disease</td>
<td>S 75 The role of inflammation in the progression of chronic kidney disease</td>
<td>S 76 The role of genetics in the pathogenesis of chronic kidney disease</td>
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</table>

**Programme at a Glance - Monday, June 5th, 2017**

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Fluid & Electrolytes, Tubular Transport, Physiology

Hereditary Disorders, Development, Pregnancy, Paediatric Nephrology

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Hypertension, Diabetes, Vascular Disease

Acute Kidney Injury & Intensive Care Nephrology
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<td>PL 4</td>
<td>S 56</td>
<td>S 57</td>
<td>S 58</td>
<td>S 59</td>
<td>S 60</td>
<td>S 61</td>
<td>FC 33</td>
<td>FC 34</td>
<td>FC 35</td>
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<td>Comparative effectiveness research in nephology: using electronic health records to emulate randomized trials - Miguel Hernan</td>
<td>Diabetic nephropathy - new trends in 2017</td>
<td>Biomarkers in chronic kidney disease</td>
<td>Advances in drug treatment after renal transplantation</td>
<td>Iron - the bright and the dark side</td>
<td>Complement abnormalities associated with C3 Glomerulopathy</td>
<td>ERA-EDTA &amp; European Society for Paediatric Nephrology (ESPN)</td>
<td>Protein energy wasting and inflammation</td>
<td>Acid-base disorders and tubular transport</td>
<td>Cystic diseases and progression</td>
<td>Experimental therapies</td>
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<td>S 56</td>
<td>S 57</td>
<td>S 58</td>
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<td>S 61</td>
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**CKD - Pathophysiology, Epidemiology, Prevention, Progression, Ageing**

**End-Stage Renal Disease, Haemodialysis**

**Home Therapies, Peritoneal Dialysis**

**Transplantation & Immunology**

**Hypertension, Diabetes, Vascular Disease**

**Acute Kidney Injury & Intensive Care Nephrology**

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Programme at a Glance - Tuesday, June 6th, 2017
The new 6008 CAREsystem offers a simplified design to deliver advanced dialysis and enable better care for patients.

6008 CAREsystem
More Care. Less complexity.