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Log in with your badge number at your existing ENP account or register on ENP.

MOBILE LEARNING APP
- Full Program Details and Speakers
- Create your own Timeline
- Industry Symposia and Exhibitors
- Access Speaker E-materials
- Take Notes under slides and Tag Slides for your Summary
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- Twitter feed of ERA-EDTA 2018

Search for ‘ERA-EDTA’ on the app stores and select ERA-EDTA 2018

E-CAMPUS
- Rare Disease Corner
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- Compact Renal Demo
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- Meeting Areas, Coffee and Charging
- Technical Support

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Dear colleagues and friends!

We are very happy to welcome you to Copenhagen for the 55th ERA-EDTA Congress.

We were last in Copenhagen in 2002, 16 years ago. We are now ready again to welcome you to join us at the 55th congress of our society, which will be held from May 24 to May 27 in Wonderful Copenhagen. The Bella Center, which is a state of the art congress venue, will provide ample space for an exciting programme.

As rules and regulations for collaboration between industry and the world of clinic and science are rapidly changing it is of concern whether or not such major congresses can maintain the excellent and high attendance of the previous years. We were therefore very pleased when the abstract submission reached 2165 abstracts, furthermore as I am writing, the number of pre-registered delegates is similar to previous years, and this is excellent news!

This year’s meeting has an important theme: “Kidney disease – new paradigms, new challenges. New challenges, new opportunities”. The scientific programme will make the basic ideas behind the theme come to life. On the first day of the congress there will be 18 CME Courses. The opening session will include one out of four plenary lectures and the main congress will have 40 mini lectures and 50 symposia as well as more than 250 speakers from all over the world. There will be several free communications and poster sessions distributed in nine subject driven tracks covering the whole spectrum from basic, clinical and translational nephrology to dialysis and transplantation.

In the evening May 24th the Welcome Ceremony will take place at the congress center and it is a great pleasure and honour to have Ulla Wewer, Professor, DMSc, Dean of Health and Medical Sciences, University of Copenhagen with us. During the ceremony a lecture by Toni Cathomen from Freiburg will be presented: “Gene editing: powerful new tool for nephrology research and therapy”. Finally, before the evening ends everybody can relax by participating in our reception where you will be able to meet and talk to your colleagues and friends.

The main programme will start on Friday morning. It includes 3 plenary lectures, all given by outstanding scientists and excellent speakers, who will cover aspects of the congress's main scientific theme. The programme will be complemented by various interesting industry symposia. Vladimir Tesar, the Chair of the Scientific Committee and his team have worked tremendously during the last few months to make each session a real highlight. He was supported by Danilo Fliser who acted as the Chair of the Paper Selection Committee. Thanks to your enthusiasm they were able to select among 2165 abstracts.

The programme was organised in collaboration with the Danish Society of Nephrology (DSN), which will co-host the event and I would like to thank Lisbet Brandi, the current President of the DSN, Mads Hornum, Congress Secretary, and Ditte Hansen, DSN Secretary, for their help and support.

There will be an exhibition with 3,500 sqm involving 100 international companies and there will be 24 industry symposia. There will also be a very engaging e-campus where delegates can receive assistance with regard to the e-materials - European Nephrology Portal (ENP), digital services, WiFi and here we will introduce a new Rare Disease Corner where education on these specific diseases will be provided.

There will be joint sessions together with the American Society of Nephrology (ASN), the International Society of Peritoneal Dialysis (ISPD), the Japanese Society of Nephrology (JSN), the Chinese Society of Nephrology (CSN), EuroPD, the European Society for Paediatric Nephrology (ESPN), the European Society of Hypertension (ESH), the Organ Expert Section (EKITA) of the European Society for Organ Transplantation (ESOT), the Section of Urolithiasis (EULIS) of the European Association of Urology (EAU), the Dialysis Outcomes and Practice Patterns Study (DOPPS) and International Association for the History of Nephrology (IAHN).

On the last day there will be a new important closing session called “Nephrology Pearls” that you will not want to miss. In this session 5 internationally recognised speakers will be talking about the latest up-dates and novelties in nephrology. The clinically oriented presentations will focus on the research and achievements of the previous year in important fields of interest. You are cordially invited to this exciting event.

We also would like to welcome all ERA-EDTA members to the General Assembly of the ERA-EDTA, where the Officers and our President will update you on the work that has been done during the last year.

Finally, there will be spare hours where you may find time to enjoy Copenhagen with its historical castles and buildings, its arts and fashion and the famous Nordic Cuisine with its excellent restaurants. When we were last in Copenhagen in 2002 the weather was excellent in Wonderful Copenhagen. We hope to see you again for yet more beautiful days in May 2018.

Bo Feldt-Rasmussen
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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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# Congress Information

**AKI. Clinical. Epidemiology and outcome**  
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**AKI. Clinical. Prevention and treatment**  
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**CKD. Lab methods, GFR measurement, urine proteomics**  
Gert Mayer, Austria

**CKD. Pathophysiology, progression and risk factors**  
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**CKD. Clinical epidemiology**  
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**CKD. Anaemia**  
Michel Jadoul, Belgium

**CKD. Bone disease**  
Pieter Evenepoel, Belgium

**CKD. Nutrition, inflammation and oxidative stress**  
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**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**  
Olaf Heimbürger, Sweden

**Dialysis. Cardiovascular complications**  
Carmine Zoccali, Italy

**Dialysis. Vascular access**  
Pietro Ravani, Canada

**Dialysis. Anaemia**  
Timian B. Drueke, France

**Dialysis. Nutrition, inflammation and oxidative stress**  
Masafumi Fukagawa, Japan

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

---

**Dialysis. Health services research**  
Kitty Jager, The Netherlands

**Dialysis. Protein energy wasting, inflammation and oxidative stress**  
Peter Barany, Sweden

**Renal transplantation. Experimental, immune-tolerance of allogenic and xenogenic transplants**  
Bruno Watschinger, Austria

**Renal transplantation. Epidemiology and outcome**  
Karsten Midtvedt, Norway

**Renal transplantation. Treatment and immunosuppression**  
Ondrej Viklicky, Czech Republic

**Paediatric nephrology**  
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**History of nephrology**  
Athanassios Diamandopoulos, Greece

**Patient education research and training in nephrology**  
Mustafa Arici, Turkey

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Loreto Gusai, Italy
Matthias Girndt, Germany
Eric Goffin, Belgium
LATE BREAKING CLINICAL TRIALS ABSTRACTS

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Danilo Fliser, Germany
Alan Jardine, United Kingdom
Francesco Locatelli, Italy
Patrick Rossignol, France
Vladimir Tesar, Czech Republic
Carmine Zoccali, Italy

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” in the ERA-EDTA Congress 2018 Special Area) or on the Mobile Congress App (search for “ERA-EDTA” on the Google or Apple store).

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 to the Exhibition.

Certificate of attendance

The certificate of attendance is not available as a hard copy onsite. It can ONLY be printed from the restricted area of each congress member by going to www.registration.era-edta2018.org/ra/login.php (access is possible only using the congress members credentials).

Coffee breaks

Complimentary coffee will be served in the Exhibition on May 25 and 26, 2018. On May 24 and 27, 2018 refreshments will be served in dedicated areas close to the session rooms.

Congress App

The Congress app can be downloaded from the Google or Apple store (search for “ERA-EDTA”). It contains the full scientific programme and all information about the Industry Symposium and the Exhibitors. New in 2018: take notes on slides, voting in live sessions, dialogue with faculty, presentation rating, content recommendation and test your knowledge, learning questions of your favourite tracks.

Congress membership

Regularly registered congress members are entitled to attend all Scientific and Poster Sessions, Welcome Ceremony and Reception as well as access the Industry Exhibition. Onsite they will also receive a congress kit; the Final Programme will be available at the “badge print and badge distribution” desk.

Reprint/Lost-forgotten badges

A “Reprint desk” for lost or forgotten congress members badges will be available in the Reception on May 24, 2018.

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ERA-EDTA as per the EFPIA and Ethical Med Tech Codes does not extend hospitality in any way to persons other than the registered congress members.

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Congress membership

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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 May 24, 2018.

All registered congress members must wear their name badge when attending any congress event. Only attendants wearing congress members badges are entitled to 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 May 24, 2018, all regularly registered congress members must self-scan their badge at the kiosks at the entrance of the lecture rooms.
Congress Information

(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.

Currency
The only currency accepted at the ERA-EDTA Congress will be EUR.

Ethical Med Tech - Conference Vetting System
The EMT8062 - 55th Congress of the European Renal Association - European Dialysis and Transplant Association from 24/05/2018 to 27/05/2018 in Copenhagen, Denmark is compliant with the Medtech Europe Code of Ethical Business Practice.

Facilities at the Bella Center Copenhagen
A cloak room is located in the Auditorium Foyer of the Bella Center Copenhagen; this service will be available for the entire duration of the congress.
An internet point is available in the E-Campus in Hall E; 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 Bella Center Copenhagen an Information Desk will provide you with all the information related to the venue, the services provided and the congress activities.
This desk will have the same opening hours as the Registration Area.
In addition a Tourist Information Desk is available in the Auditorium Foyer: here you can receive promotional materials about Copenhagen, including maps, as well as information about public transportation, sightseeing tours, city walks, day trips outside Copenhagen, cultural events and restaurant reservations.

Opening hours:
Wednesday, May 23 11:00-19:00 hours
Thursday, May 24 07:00-18:30 hours
Friday, May 25 07:00-18:30 hours
Saturday, May 26 07:00-18:30 hours
Sunday, May 27 07:00-14:30 hours

Insurance / Liability
Participation in this Congress implies that persons/registered congress members agree that the organisers 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.

Lunch
Snack bars and catering areas will offer snacks and sandwiches for purchase. Most of the Companies that have arranged Industry Sponsored Symposia will offer lunch to registered congress members.

Post-congress correspondece
If you wish to contact the ERA-EDTA after the Congress, here are the full contact details:
Congress memberships and receipts: registrations@era-edta.org, telephone +39-345-0211784.
Abstracts and travel grants: abstracts@era-edta.org, telephone +39-346-2425284.
Scientific programme, speakers and chairs: program@era-edta.org, +39-346-2425284.
Congress E-materials: e-materials@era-edta.org, +39-345 9461941.

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 Poster Helpdesk on the e-campus – next to the main Poster Area - according to the following time schedule:
Thursday, May 24 16:00 - 20:00 hours
Friday, May 25 07:00 - 18:30 hours
Saturday, May 26 07:00 - 10:00 hours

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 Bella Center Copenhagen. The desks will be open according to the following time schedule:
Wednesday, May 23 11:00-19:00 hours
Thursday, May 24 07:00-18:30 hours
Friday, May 25 07:00-18:30 hours
Saturday, May 26 07:00-18:30 hours
Sunday, May 27 07:00-14:30 hours

Social Media
The official hashtag of the 55th ERA-EDTA Congress is #ERAEDTA18.
Please use it in all tweets or posts related to the 55th ERA-EDTA Congress. The hashtag is not case sensitive, this means that #ERAEDTA18 is the same as #eraedta18.

UEMS CME Credits
The 55th ERA-EDTA Congress has been designated for a maximum of 23 hours of European external CME credits.
Please refer to page 19 for further accreditation details.
Congress Information

SPEAKERS INFORMATION

The Speakers’ Preview Room is located on the ground floor of the Bella Center Copenhagen (Main Lobby) and will be open during the following hours, with expert technicians available to assist all speakers:

- Wednesday, May 23: 11:00-19:00 hours
- Thursday, May 24: 07:00-18:30 hours
- Friday, May 25: 07:00-18:30 hours
- Saturday, May 26: 07:00-18:30 hours
- Sunday, May 27: 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 presentations 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 Speakers’ Preview Room can only be accessed by going to the restricted area by going to www.registration.era-edta2018.org/ra/login.php (access is possible only using the congress members credentials), it is NOT sent by post.

NEW!

The UEMS certificate reflecting the actual attendance (based on the scanning done) can only be downloaded from the congress members restricted area by going to www.registration.era-edta2018.org/ra/login.php (access is possible only using the congress members credentials), it is NOT sent by post.

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 Copenhagen Congress website www.era-edta2018.org, under the specific section.

EUROPEAN UNION OF MEDICAL SPECIALISTS (UEMS)

CME CREDITS

The 55th ERA-EDTA Congress has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 23 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s 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 Bella Center Copenhagen 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’s own responsibility).

NEW! The UEMS certificate reflecting the actual attendance (based on the scanning done) can only be downloaded from the congress members restricted area by going to www.registration.era-edta2018.org/ra/login.php (access is possible only using the congress members credentials), it is NOT sent by post.
Congress Information

ACCEPTED ABSTRACTS

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 Bella Center Copenhagen. There will be two poster sessions on Friday, May 25 and Saturday, May 26 from 09:30 to 10:45 and from 16:30 to 17:30.

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 organizers will provide suitable fixing material during this period (07:30-17:00).

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.

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 Poster Helpdesk on the e-campus – next to the main Poster Area - according to the following time schedule:

Thursday, May 24  16:00 - 20:00 hours
Friday, May 25  07:00 - 18:30 hours
Saturday, May 26  07:00 - 10:00 hours

Abstract numbering system
F = Friday, Sa = Saturday, Su = Sunday
O = free communication, P = poster

e.g. SaP313 = 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 Copenhagen 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 who will receive a grant 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 10 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 Bella Center Copenhagen.

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.

Ten best abstracts
Eight best abstracts presented by young authors
Best abstracts presented by young authors
Ten Best Abstracts

The authors of the abstracts below will receive a diploma.

FO015
LPS REMOVAL REDUCES CD80-MEDIATED MICROALBUMINURIA IN CRITICALLY ILL PATIENTS WITH GRAM-NEGATIVE SEPSIS PREVENTING ACUTE TO CHRONIC KIDNEY DISEASE TRANSITION
GS Netti, Foggia, Italy

FO022
BARDOXOLONE METHYL PREVENTS EGFR DECLINE IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 4 AND TYPE 2 DIABETES - POST-HOC ANALYSES FROM BEACON
Christoph Wanner, Würzburg, Germany

FO063
RELATIVE CONTRIBUTION OF GENETIC AND ENVIRONMENTAL FACTORS TO THE ASSOCIATION BETWEEN BODY MASS INDEX AND CHRONIC KIDNEY DISEASE: A POPULATION-BASED SWEDISH TWIN STUDY
Hong Xu, Stockholm, Sweden

FP154
WHEN YOUR PARTNER MAKES YOU SICK. A NEW MODEL TO INDUCE PROTEINURIA IN ZEBRAFISH USING PARABIOSIS
Janina Müller-Deile, Isenheimagen, Germany

FP204
BET FAMILY MEMBER BRD4 DEPENDENT ENHANCER AND SUPER-ENHANCER DYNAMICS PROMOTE KIDNEY REPAIR AND PROGRESSION TO FIBROSIS
Julia Wilflingseder, Vienna, Austria

FP467
CHANGES IN DIALYSIS PRESCRIPTION AFFECT THE TIME COURSE OF SOLUTE TRANSPORT IN PERITONEAL DIALYSIS
Irene Brenna, Newcastle under Lyme, United Kingdom

FP628
A CORE OUTCOME SET FOR TRIALS IN HAEMODIALYSIS ESTABLISHED BY THE STANDARISED OUTCOMES IN NEPHROLOGY - HAEMODIALYSIS INITIATIVE
Andrea Viecelli, Brisbane, Australia

SaO008
THE EFFICACY AND SAFETY OF IMARIKIREN IN PATIENTS WITH TYPE 2 DIABETES MELLITUS AND MICROALBUMINURIA: A RANDOMIZED, MULTI CENTER, DOUBLE-BLIND, PLACEBO CONTROLLED TRIAL
Sadayoshi Ito, Sendai, Miyagi, Japan

SuO012
PHASE I CLINICAL TRIAL OF ADMINISTRATION OF ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IN PERITONEAL DIALYSIS PATIENTS
Soroosh Shekarchian, Tehran, Iran

Eight 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.

FP154
WHEN YOUR PARTNER MAKES YOU SICK. A NEW MODEL TO INDUCE PROTEINURIA IN ZEBRAFISH USING PARABIOSIS
Janina Müller-Deile, Isenheimagen, Germany

FP204
BET FAMILY MEMBER BRD4 DEPENDENT ENHANCER AND SUPER-ENHANCER DYNAMICS PROMOTE KIDNEY REPAIR AND PROGRESSION TO FIBROSIS
Julia Wilflingseder, Vienna, Austria

FP293
DETERMINATION OF OXYGEN TENSION IN TUBULAR EPITHELIAL CELLS USING PHOSPHORESCENCE LIFETIME IMAGING MICROSCOPY
Yosuke Hirakawa, Tokyo, Japan

FP407
EVALUATION OF THE GLOMERULAR HEMODYNAMICS BY THE SGLT2 INHIBITOR EMPAGLIFLOZIN USING IN VIVO IMAGING
Kengo Kidokoro, Kurashiki city Okayama, Japan

FP467
CHANGES IN DIALYSIS PRESCRIPTION AFFECT THE TIME COURSE OF SOLUTE TRANSPORT IN PERITONEAL DIALYSIS
Irene Brenna, Newcastle under Lyme, United Kingdom

FP704
A PAIRED KIDNEY ANALYSIS ON THE IMPACT OF ANTI-HLA ANTIBODIES ON GRAFT SURVIVAL
Laura Michielsen, Utrecht, Netherlands

FP705
ENDOTHELIN A (ETA) RECEPTORS EXPRESSED IN GLOMERULI OF RENAL TRANSPLANT PATIENTS MAY BE ASSOCIATED WITH ANTIBODY MEDIATED REJECTION
Katarzyna Nowańska, Wroclaw, Poland
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.

FO006
USE OF WARFARIN IN END-STAGE RENAL DISEASE AND ATRIAL FIBRILLATION: RISK OF STROKE AND BLEEDING - A NATIONWIDE COHORT STUDY
Nicholas Carlson, Copenhagen, Denmark

FO007
MAGNESIUM AND RISK OF FATAL MYOCARDIAL INFARCTION AMONG PATIENTS UNDERGOING HEMODIALYSIS - A NATIONWIDE COHORT STUDY
Yusuke Sakaguchi, Suita, Japan

FO008
STRUCTURAL ALTERATIONS IN CENTRAL NERVOUS SYSTEM AND COGNITIVE FUNCTION IN ADVANCED CHRONIC KIDNEY DISEASE PATIENTS: KIDBRAIN STUDY
Santiago Cedeño Mora, Madrid, Spain

FO018
SELECTIVE HISTONE DEACETYLASES 6 INHIBITOR 23BB ALLEViated RHABDOMYOLYSIS-INDUCED ACUTE KIDNEY INJURY BY REGULATING ENDOPLASMIC RETICULUM STRESS AND APOPTOSIS IN TUBULAR EPITHELIAL CELLS
YuYing Feng, ChengDu, China

FO026
TIME-TREND COMPARATIVE ASSOCIATIONS OF MUSCLE STRENGTH AND MASS, CARDIORESPIRATORY FITNESS, AND PHYSICAL ACTIVITY LEVEL WITH 6-YEAR CLINICAL OUTCOMES AND QUALITY OF LIFE IN KIDNEY TRANSPLANTATION
Winnie Chan, Birmingham, United Kingdom

FO049
AN INTEGRATIVE APPROACH FOR THE ASSESSMENT OF PERITUBULAR CAPILLARITIS EXTENT AND SCORE IN MICROVASCULAR INFLAMMATION - ASSOCIATIONS WITH TRANSPLANT GLOMERULOPATHY AND GRAFT LOSS
Zeljko Kikic, Vienna, Austria

FO050
TWO DECADES OF EUROTRANSPLANT SENIOR PROGRAM (ESP): TIME ON DIALYSIS INDEPENDENTLY IMPACTS PATIENT SURVIVAL, ALLOGRAFT SURVIVAL AND QUALITY OF LIFE AFTER KIDNEY TRANSPLANTATION
Thomas Schachtner, Berlin, Germany

FO051
THE IMPACT OF GFR EVALUATION TECHNIQUE ON LIVING KIDNEY DONATION ELIGIBILITY
François Gaillard, Paris, France

FO052
ASSOCIATION OF HISTORICAL PEAK PRA AND RENAL TRANSPLANTATION OUTCOMES
Alexey Zulkarnaev, Moscow, Russian Federation

FO053
EVALUATION OF SOLUBLE CIRCULATING MEDIATORS OF FIBROSIS IN IDIOPATHIC RETROPERITONEAL FIBROSIS: FROM PATHOGENESIS TO BIOMARKERS
Michele Battista, Novara, Italy

FO058
ENDOPLASMIC RETICULUM STRESS-UNFOLDING PROTEIN RESPONSE-APOPTOSIS CASCADE CAUSES PODOCYTE INJURY IN CRISPR/CAS9 TECHNOLOGY MODIFIED COL4A3 KNOCKOUT MOUSE PODOCYTE LINE AND A NEW COL4A3 KNOCKOUT MOUSE MODEL
Huidi Zhang, Shanghai, China

FO064
INTEGRATIVE BIOINFORMATICS ANALYSIS PROVIDES INSIGHT INTO THE MOLECULAR MECHANISMS OF CHRONIC KIDNEY DISEASE
Le-Ting Zhou, Nanjing, China

FO069
RISK AND PROGNOSIS OF ACUTE KIDNEY INJURY IN BISPHOSPHONATE USERS UNDERGOING HIP FRACTURE SURGERY
Christian Christiansen, Aarhus, Denmark

FP013
MACROPHAGE MICROPARTICLES MEDIATED DRUG DELIVERY ENHANCES THE ANTI-INFLAMMATORY EFFECT OF DEXAMETHASONE
Tao-Tao Tang, Nanjing, China

FP014
TAMOXIFEN ATTENUATES RENAL FIBROSIS THROUGH SRC KINASE IN OBSTRUCTIVE NEPHROPATHY IN RATS
Chang Seong Kim, Gwangju, Korea

FP040
PATIENTS WITH POLYCYSTIC KIDNEY DISEASE ARE MORE RESISTANT TO HYPERKALEMIA THAN THOSE WITH OTHER CAUSES OF KIDNEY DISEASES: THE ROLE OF INTRARENAL RENIN-ANGIOTENSIN ACTIVITY
Young Su Joo, Seoul, Korea

FP068
ENDOPLASMIC RETICULUM PROTEIN TXNDC5 CONTRIBUTES TO RENAL FIBROSIS IN CHRONIC KIDNEY DISEASES
Yen-Ting Chen, Taipei City, Taiwan

FP070
HUMAN PARIETAL EPITHELIAL CELLS EXPRESS TUBULAR PROTEIN UPTAKE SYSTEM IN VIVO
Lisa Gianesello, Padua, Italy

FP103
ALBUMINURIA AND RISK OF UROTHELIAL CELL CARCINOMA
Lyanne Kieneker, Groningen, Netherlands
FP157
URINARY CD11B, AN ALPHA SUBUNIT OF INTEGRIN MAC-1, ASSOCIATES WITH HISTOLOGICAL DISEASE ACTIVITY IN LUPUS NEPHRITIS
Akimitsu Kitagawa, Nagoya-shi, Japan

FP208
SIGMA-1 RECEPTOR AGONISTS ARE RENOPROTECTIVE IN A RAT MODEL OF KIDNEY TRANSPLANTATION
Adam Hosszu, Budapest, Hungary

FP211
A CLUSTER OF PROTEINS SECRETED BY HUMAN RENAL STEM/PROGENITOR CELLS (ARPCs) PROVIDE A NOVEL STRATEGY TO REVERT ENDOTHELIAL DYSFUNCTION AND RENAL INJURY IN SEPSIS-INDUCED ACUTE KIDNEY INJURY (AKI).
Alessandra Stasi, Bari, Italy

FP212
TXNDC5 IS REQUIRED FOR ISCHEMIA/REPERFUSION INJURY INDUCED AKI TO CKD TRANSITION AND RENAL FIBROSIS
Pei-Yu Jhao, Taipei City, Taiwan

FP296
CIRCULATING ADAM17 ACTIVITY AS A MARKER OF CV EVENTS IN CKD PATIENTS.
Vanesa Palau, Barcelona, Spain

FP300
URIC ACID ACTS AS A SOLUBLE MEDIATOR ON THE FUNCTIONAL PHENOTYPE OF MONOCYTES IN CHRONIC KIDNEY DISEASE PATIENTS.
Stefanie Steiger, Munich, Germany

FP335
CKD AND INCIDENT DIAGNOSIS OF DEMENTIA IN ENGLAND PRIMARY CARE
Rikako Hiramatsu, Tokyo, Japan

FP374
DELETION OF VITAMIN D RECEPTOR EXCLUSIVELY IN VASCULAR SMOOTH MUSCLE CELLS PREVENTS VASCULAR CALCIFICATION
Maite Caus, Lleida, Spain

FP376
PTEN INDUCIBLE KO MICE SHOW ALTERED MINERAL METABOLISM
Maria Crespo-Masip, Lleida, Spain
FP629  THE ROLE OF SOCIOECONOMIC FACTORS IN THE CHOICE OF FIRST MODALITY OF RENAL REPLACEMENT THERAPY IN END STAGE KIDNEY DISEASE
Keith Gillis, Glasgow, United Kingdom

FP630  ASSOCIATION OF FRUIT AND VEGETABLE INTAKE WITH ALL-CAUSE MORTALITY IN HEMODIALYSIS PATIENTS (DIET-HD): A PROSPECTIVE COHORT STUDY
Valeria Saglimbene, Bari, Italy

FP692  URINARY MIRNA AS A POTENTIAL BIOMARKER IN KIDNEY TRANSPLANTATION
Ioana Bancu, Badalona, Spain

FP707  IMMUNE CELL SUBPOPULATIONS IN KIDNEY TRANSPLANT GLOMERULITIS: COMPOSITION AND PROGNOSTIC SIGNIFICANCE
Maria Khrabrova, Saint-Petersburg, Russian Federation

FP708  CLINIC NON-ATTENDANCE WITHIN THE FIRST YEAR POST KIDNEY TRANSPLANTATION IS ASSOCIATED WITH REJECTION, GRAFT DYSFUNCTION AND DEATH-CENSORED GRAFT LOSS
Khalid Khalil, Birmingham, United Kingdom

FP711  ESTIMATED GLOMERULAR FILTRATION RATE DECLINE OCCURRED FOUR YEARS AFTER KIDNEY DONATION IN ELDERLY LIVING DONORS
Sayoko Yonemoto, Nishinomiya, Japan

FP712  KIDNEY TRANSPLANTATION FROM UNCONTROLLED DONATION AFTER CIRCULATORY DEATH AFTER 10 YEAR OF FOLLOW-UP.
Maria Molina, Madrid, Spain

FP716  NFKB1 PROMOTER POLYMORPHISM: A NEW PREDICTIVE MARKER OF CMV INFECTION AND RENAL INJURY AFTER KIDNEY TRANSPLANTATION
Paolo Gigliotti, Cosenza, Italy

FP718  ASSOCIATION BETWEEN MATRIX GLA PROTEIN AND AORTIC STIFFNESS IN KIDNEY TRANSPLANTATION
Miriana Dinic, Saint Etienne, France

FP722  COMPLEMENT-BINDING DONOR-SPECIFIC ANTIBODIES DETECTED AT DIAGNOSIS OF ANTIBODY-MEDIATED REJECTION ARE ASSOCIATED WITH HIGHER HISTOPATHOLOGICAL HUMORAL ACTIVITY AND WORSE KIDNEY GRAFT SURVIVAL
Jorge Malheiro, Porto, Portugal

FP723  RESULTS OF KIDNEY TRANSPLANTATION IN VERY OLD RECIPIENTS
Hernando Trujillo, Madrid, Spain

FP724  EFFECT OF BODY WEIGHT VARIATION IN KIDNEY TRANSPLANTATION: A RETROSPECTIVE COHORTS STUDY
Nuria Montero, Barcelona, Spain

FP752  PITFALLS OF ADJUSTING ESTIMATED GLOMERULAR FILTRATION RATE TO BODY SURFACE AREA IN OVERWEIGHT AND OBESE ADOLESCENTS: A NATIONWIDE ANALYSIS.
Rute Baeta Baptista, Lisbon, Portugal

SaO012  INFUSION OF THIRD PARTY MESENCHYMAL STROMAL CELLS AFTER RENAL TRANSPLANTATION: A PHASE I-II OPEN-LABEL CLINICAL STUDY
Pauline Eripicum, Liège, Belgium

SaO013  SIGNIFICANCE OF INDUCTION THERAPY WITH IL-2 RECEPTOR ANTAGONIST IN STANDARD-RISK RENAL TRANSPLANT IN TACROLIMUS ERA: A META-ANALYSIS
Hatem Ali, Wolverhampton, United Kingdom

SaO044  ACTIVATION OF THE NLRP3 INFLAMMASOME PROMOTES INFLAMMATION IN SKELETAL MUSCLE OF PATIENTS WITH CKD.
Samantha Milanesi, Genoa, Italy

SaO045  ACTIVATION OF BROWNING IN WHITE ADIPOSE TISSUE DURING CHRONIC KIDNEY DISEASE.
Mathilde Luce, Lyon, France

SaO054  C4D IS AN IMPORTANT DIAGNOSTIC TOOL IN MEMBRANOUS NEPHROPATHY
Cristina Rabasco, Cordoba, Spain

SaO056  RADIOISOTOPIC EVALUATION OF RENAL FUNCTION IN KIDNEY DONORS AFTER NEPHRECTOMY FOR DETECTION OF EARLY AKI AND LONG TERM COMPENSATORY RENAL HYPERTROPHY
Gabriele Guglielmetti, Novara, Italy

SaO064  ASSOCIATION OF LIPOPROTEINS WITH INFECTION-RELATED MORTALITY IN CHRONIC HEMODIALYSIS PATIENTS: RESULTS FROM THE GLOBAL MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE
Xiaoling Ye, New York, United States
SaO068
SERUM POTASSIUM AND MORTALITY IN CHRONIC KIDNEY DISEASE: SYSTEMATIC REVIEW AND METAANALYSIS
Natalie Hsiao-Fang-Yen, Limerick, Ireland

SP064
CONTINUOUS MEASUREMENT OF RENAL OXYGENATION DURING NITRIC OXIDE SYNTHASE INHIBITION IN CONSCIOUS RATS: A TELEMETRY STUDY
Tonja Emans, Utrecht, Netherlands

SP365
HIGH PROTEIN INTAKE ACCELERATES KIDNEY FUNCTION DECLINE IN POST-MYOCARDIAL INFARCTION PATIENTS – THE ALPHA OMEGA COHORT STUDY
Kevin Esmeijer, Leiden, Netherlands

SP400
BAROREFLEX FUNCTION, HAEMODYNAMIC RESPONSES TO AN ORTHOSTATIC CHALLENGE, AND FALLS IN HAEMODIALYSIS PATIENTS
Tobia Zanotto, Edinburgh, United Kingdom

SP416
DIABETIC PATIENTS WITH DIABETIC NEPHROPATHY HAVE WORSE RENAL PROGNOSIS: STUDY BIODIAB-GLOSEN-GEENDIAB
Sheila Bermejo, Barcelona, Spain

SP728
ASSESSING THE ROLE OF BELATACEPT AGAINST TACROLIMUS IN RENAL TRANSPLANTATION
Kumar Jayant, London, United Kingdom

SP730
PREEMPTIVE PLASMA THERAPY AND ECUVIZUMAB RESCUE FOR ATYPICAL HEMOLYTIC UREMIC SYNDROME RELAPSE FOLLOWING KIDNEY TRANSPLANTATION
Christof Aigner, Vienna, Austria

SP733
SUCCESSFUL TREATMENT OF CHRONIC HEPATITIS C INFECTION IN RENAL TRANSPLANT RECIPIENTS WITH DIRECT ANTIVIRAL COMBINATION THERAPY
Sourabh Sharma, Delhi, India

SuO002
SINGLE VERSUS MULTIPLE 24-HOUR URINE COLLECTIONS FOR ESTIMATION OF LONG-TERM POTASSIUM INTAKE AND THE ASSOCIATED RENAL RISK
Rik Olde Engberink, Amsterdam, Netherlands

SuO006
PREVENTION OF TUNNELED CUFFED CATHETER DYSFUNCTION WITH PROPHYLACTIC USE OF TAUROLIDINE LOCKING SOLUTION CONTAINING UROKINASE: A PROSPECTIVE AND RANDOMIZED PLACEBO-CONTROLLED TRIAL
Florence Bonkain, Brussels, Belgium
Congress Information

ASQ Travel Grants

ASQ (Altruistic Support by Questionnaire) is an initiative of the ERA-EDTA meant to help young doctors living in countries with official annual income (GDP - Gross Domestic Product per Capita) below USD 10,000 (source: World Bank) to attend the Congress in Copenhagen. 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!

SaO025
PREVALENCE AND RISK FACTORS OF CHRONIC KIDNEY DISEASE (CKD) IN SOUTH KIVU, DEMOCRATIC REPUBLIC OF CONGO (DRC): A POPULATION-BASED STUDY.
Masimango Imani Mannix, Bukavu, Congo

SaO049
TUBULAR HIF-1 MEDIATES MACROPHAGE ACTIVATION AND TUBULOINTERSTITIAL INFLAMMATION VIA EXOSOMAL MIRNA-23A
Zuolin Li, Nanjing, China

SuO012
PHASE I CLINICAL TRIAL OF ADMINISTRATION OF ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IN PERITONEAL DIALYSIS PATIENTS
Soroosh Shekarchian, Tehran, Iran

SuO025
FEBUXOSTAT IMPROVES GFR AND BP IN NON-DIABETIC ADULTS WITH CKD 2-3: 6 YEARS TREATMENT AND FOLLOW-UP
Mariia Ivanova, Kiev, Ukraine
ERA-EDTA MEMBERS (CAT. A AND B) INFORMATION

ERA-EDTA Membership Office
You will find the ERA-EDTA Membership Office in the Registration Area of the Bella Center Copenhagen. It is possible to pay membership fees and become a new ERA-EDTA member. The desk will be closed from 8:30 to 11:00 hrs on May 26, 2018 due to the General Assembly. You can also apply as a new member and pay your membership fee with your 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 (Full Members only)
Voting is only available electronically and can be accessed by visiting the ERA-EDTA website (www.era-edta.org, section “About ERA-EDTA”, then click on “Council Candidates 2018”).

The voting station (only online voting), located in the Registration area of the Bella Center, will be open only on May 25, 2018 and will follow this schedule: 9:30-10:45 and 16:30-17:00. Voting will also be possible immediately before the start of the General Assembly, which will take place from 09:30 to 10:45, May 26, 2018, in room C1-M5 of the Bella Center. A valid identification document (i.e. passport or national identity card) of the Full member who wishes to vote must be shown in order to receive the voting credentials. Voting by proxy is NOT possible.

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 the benefits:
• NDT (Nephrology Dialysis Transplantation) subscription, including exclusive access to the archives.
• Exclusive live streaming sessions during the ERA-EDTA Annual Congress.
• Unlimited access to ERA-EDTA Congress E-materials, to all ERA-EDTA members (cat. A, B and C) 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).
• 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 under the age of 40 years old.
• Take advantage of special membership fees for low income countries.
• Exclusive free access to EuroPD videos.
• Exclusive free access to Seminars in Dialysis.

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

Fast track to become an ERA-EDTA member

DANISH SOCIETY OF NEPHROLOGY

Field of interest
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.

Board Members
President: Lisbet Brandi
Vice president: Helle Thiesson
Henrik Birn
Rikke Borg
Jens Schmidt Iversen
Young Nephrologist: Iain Bressendorff
Secretary: Ditte Hansen

Activity
Research – Research foundation. Handing out awards for a young and senior researcher yearly.
Education – promotes activities for education of renal physicians and post graduate training.
National scientific meetings.
National danish clinical guidelines.
Danish Nephrology Registry: National registry of patients with end-stage renal disease.
Advisor for the Danish Health Authority.

Facts
Members: 370
www.nephrology.dk

Latest Initiative
Mobile App – AKI and CKD. In APP store

General Assembly 2018
Saturday May 26 2018 kl 13.15 -14:45. All DNS members are invited to participate in the above mentioned annual meeting. Access is open to current members only.
The 55th Congress Organising Committee is very pleased to invite you to the **RUN for KIDNEYS 2018** which will take place on **May 25, 2018 at 16:00** during the Copenhagen Congress.

**The Start and Finish area will be located at Amager Fælled, very close to the Bella Sky Hotel.**

The price for the race is **DKK 149 (20 euro) + DKK 20 (2.5 euro)** fee. The price will be charged in Danish Krone. Your participant fee will be donated by ERA-EDTA to the charity organisation "Læger uden Grænser"/Medicines sans Frontiers.

The Run for Kidneys Desk is available for online registrations confirmation, onsite registrations and any information related to the Run. **The Run for Kidneys Desk is located in the Auditorium Foyer, Bella Center Ground Floor.**
COPENHAGEN GENERAL INFORMATION

Copenhagen, the Danish maritime capital, has been named the “World’s most livable city” repeatedly, and the Danes have been ranked the “World’s Happiest People” over and over again. This is partly due to a favourable work-life-balance, high levels of tolerance and a peaceful democracy.

Copenhagen is easily accessible, with Copenhagen airport being Scandinavia’s main traffic hub offering nonstop flights from around 165 international destinations. The 10-15 minute Metro journey connection between the international airport, the congress venue “Bella Center” and the city center makes Copenhagen a great congress destination due to the very close connections: this allows participants to enjoy both the city and the congress. The city is designed for pedestrians and cyclists, and you will find that it is easy to navigate the streets of Copenhagen. Copenhagen has been in the Top 20 on both ICCA’s and UIA’s list of the world’s most popular convention cities for decades and also in recent years.

Capital of Sustainable Meetings

Copenhagen has been appointed European Green Capital for 2014 and has one of the world’s most ambitious climate policies - with a goal of being the first carbon neutral capital by 2025. It is therefore almost impossible not to have green and responsible meetings in Copenhagen. Copenhagen was ranked the “World’s Most Walkable City” by Walk 21 in 2013. Its compact city centre makes walking between meeting venues, hotels, sights, restaurants and shopping areas a matter of minutes. Or you can join the locals and go by bike. Copenhagen is home to the world’s busiest bicycle lane, used by 36,000 cyclists per day and the city’s rush hour is therefore quite different from most others. Here it is not the roads but the bicycle lanes which are crowded, mainly because 56% of all Copenhageners commute by bike. In 2016, bicycles even outnumbered cars in Copenhagen.

Sustainable accommodation and venues in Copenhagen

Nearly 70% of the hotel rooms in Copenhagen are eco-certified, so sleeping with a green conscience is not a challenge. Many of the city’s convention venues are Green Key certified, including the two largest venues Bella Center and Tivoli Congress Center. International hotel chains such as the Hilton and the Radisson have their own environmental programmes. For instance, starting in 2012, the Radisson Blu Hotels & Resorts took an ambitious engagement with the Think Planet strategy to reduce energy consumption by 25% in five years. The city of Copenhagen and the Copenhagen CVB was ranked second in the first-ever sustainability ranking for event destinations worldwide, the Global Destination Sustainability Index, in 2016.

PUBLIC TRANSPORT

The public transportation in Copenhagen is very reliable, punctual, and it takes you everywhere. In Copenhagen the trains, Metro and buses (including waterbuses) can be accessed with the same ticket. All you need to know is how many zones you will pass on your journey. The Metro will take you from central Copenhagen to the airport in only 20 minutes.

Buses

The A-buses are the primary buses in central Copenhagen. They run every 3-7 minutes during rush hour (between 07:00-09:00 in the morning and 15:30-17:30 in the afternoon) and usually about every 10 minutes before and after rush hour. The A-buses serve at all hours. The S-buses drive every 5-10 minutes during rush hour and every 20 minutes outside of rush hour. The S-buses are faster than the A-buses due to fewer stops. They usually serve between 06:00 in the morning and 01:00 at night. Night buses are in service between 01:00 and 05:00 at night.

Trains

The S-trains run between 05:00 in the morning and 00:30 at night. Line F runs every 4-5 minutes, line A, B, C and E run every 10 minutes, and line H and Bx run every 20 minutes. On Friday and Saturday the trains run once an hour between 01:00 and 05:00. However, line F runs every half hour during these hours.

Tickets & prices

Tickets for the metro, bus and train services are integrated in the entire Greater Copenhagen area, and a metro ticket is valid on the buses and trains as well.

Where to buy tickets in person

Always buy a ticket before boarding the train or metro. You can buy your ticket in ticket machines, which accept Danish cash and the most common credit cards, or 7 Eleven kiosks at the train and metro stations. In Copenhagen Airport arrival hall and at Copenhagen Central Station there is a DSB ticket office as well as ticket machines. Please note that not all ticket types/travel cards are for sale via machines. Onboard the buses in Copenhagen, you also have the possibility to buy your ticket from the driver; if you bring small change. The same ticket can be used in the metro, bus, train and harbour bus. Always have your ticket with you in case a conductor wants to see it. Travelling without a valid ticket will result in a fine of up to DKK 750.

Pay with your smartphone or online

Download the app “DOT Mobilbilletter” in App Store or Google Play and pay for your tickets on the go. Click “Indstillingen” (settings) followed by “Sprog” (language) to select English version. From there you can select the fare you need and enter your credit card details.

Single trip ticket

You have to buy a ticket with the amount of zones needed to get to your destination. 2 and 3 zone tickets are valid for one hour. 4, 5 and 6 zone tickets are valid for an hour and a half. 7, 8 and 9 zone tickets are valid for two hours. During this time you can use your ticket in the metro, bus, train and harbour bus, as long as you do not pass through more zones than your ticket allows. Zone tickets cost between DKK 24 (for 2 zones) and DKK 108 (for all zones). 2 zones will cover most travel in Copenhagen city centre, whereas an all zone ticket will get you to Elsinore, Roskilde or Frederikssund in the capital region.

24 hours in all zones

With a 24-hour ticket you can travel for 24 hours unlimited by bus, train and harbour bus in all the zones of the capital region, including trips to Roskilde, Elsinore or other parts of North Zealand. The 24-hour ticket costs DKK 150.

Copenhagen Card

Copenhagen Card gives you unlimited public transportation in the entire Capital Region of Denmark including public transportation to/from Copenhagen Airport. In addition, you get free entrance to more than 80 attractions and museums as well as discounts on several restaurants, sights, rentals and more. The Copenhagen Card is valid for 24, 48, 72 or 120 hours. More information at https://copenhagencard.com/

Congress Information

Metro

The metro is in service all day and night, every day of the week. There are 2-4 minutes between each train during rush hour, and 3-6 minutes outside rush hour and during the weekends. Friday and Saturday night (after 01:00) trains arrive with a 7-15 minutes interval and a 20 minutes interval after midnight on weekdays (Sunday through Thursday). There is ongoing ticket control, and both Copenhageners and tourists are responsible for having the correct tickets.

Trains

The S-trains run between 05:00 in the morning and 00:30 at night. Line F runs every 4-5 minutes, line A, B, C and E run every 10 minutes, and line H and Bx run every 20 minutes. On Friday and Saturday the trains run once an hour between 01:00 and 05:00. However, line F runs every half hour during these hours.

Tickets & prices

Tickets for the metro, bus and train services are integrated in the entire Greater Copenhagen area, and a metro ticket is valid on the buses and trains as well.

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Citypass
With a City Pass you can enjoy unlimited travel on buses, trains and the metro in Copenhagen in zones 1-4, including public transportation to/from Copenhagen Airport. Buy the City Pass online at https://dinoffentligtransport.dk/citypass and receive it as a text, which can be used immediately.
24 hours City Pass: 80 DKK
72 hours City Pass: 200 DKK

Flexcard - 7 days
A 7-day unlimited travel card which gives you unlimited travel in your choice of zones. The price ranges from DKK 250 - 675. The card is available for longer periods of time as well.

SHOPPING
Most common opening hours:
Monday - Thursday 10:00 - 18:00
Friday 10:00 - 19:00
Saturday 10:00 - 16:00
Sunday 12:00 - 16:00

TOURIST INFORMATION
For information on sightseeing, dining tips, shopping, cultural events, etc. please visit the official Copenhagen tourist guide website www.visitcopenhagen.com/copenhagen-tourist
VISIT OUR BOOTH at # 2.291

Some of our key leaders will explain in detail all the Association’s activities and answer your questions.

科学计划

DAY AT A GLANCE

08:00 - 08:30
Congress Opening

08:45 - 12:00
- IWG CME Course: Immune-mediated renal diseases: old drugs and new disease entities
- EURECA-m WG CME Course: The challenge of decreasing cardiovascular mortality in CKD
- DESCARTES WG & EKITA CME Course: Kidney transplantation: what are the challenges and opportunities ahead?
- EUDIAL WG CME Course: Improving outcomes for the haemodialysis patient
- DIABESITY WG CME Course: Insulin resistance and renal disease
- CME Course: Electrolytes and acid-base balance: from physiology to clinic
- EUTox WG CME Course: Uremic toxins: sources and alterations leading to the uremic state

09:15 - 12:00
- Registry CME Course: Cross-talk in renal epidemiology
- ERBP CME Course: ERBP from guidelines to practice

12:15 - 16:30
- YNP & VAS CME Course: Hands on vascular access: focus on which access, access complications and surveillance, including practical demonstration of fistula imaging
- EuroPD CME Course: Integrating dialysis care: getting the best from home therapies
- CME Course: Rheumatology for nephrologists
- CKD-MBD WG CME Course: Emerging insights in CKD-MBD
- WGIKD CME Course: What’s new in rare kidney diseases?
- CME Course: Onconephrology
- ERN WG CME Course: Presentation of the 2018 KDOQI Clinical Practice Guideline for Nutrition in CKD

12:00 - 14:00
- CME Course: ERA-EDTA & EULIS

14:30 - 16:30
- CME Course Ethics Committee: Ethical aspects in dialysis and kidney transplantation in the elderly
17:00 - 18:15 Welcome Ceremony

Plenary Lecture Toni Cathomen
Gene editing: powerful new tool for nephrology research and therapy

16:00 - 20:00 Exhibition

18:15 - 19:30 Welcome Cocktail in the Exhibition

CONGRESS OPENING

08:00 - 08:30 Welcome address
Bo Feldt-Rasmussen, Congress President

Presidential address
Carmine Zoccali, ERA-EDTA President

Presidential address
Lisbet Brandi, DNS President
**Immunemediated renal diseases: old drugs and new disease entities**

**Part I**

Cyclophosphamide in glomerular disease: is this old drug still to be used or does it have to be dismissed?

*Chairs: RosAnna Coppo, Turin, Italy  
Mårten Segelmark, Linköping, Sweden*

Introduction and the case of ANCA-associated vasculitis

*Yasar Caliskan, Istanbul, Turkey*

The case of lupus nephritis

*Vladimir Tesar, Prague, Czech Republic*

The case of membranous nephropathy

*Jack F.M. Wetzels, Nijmegen, The Netherlands*

Minimal change disease - Focal glomerulosclerosis

*Claudio Ponticelli, Milan, Italy*

**Part II**

Renal involvement in rare inflammatory diseases

*Chairs: Vladimir Tesar, Prague, Czech Republic  
Jack F.M. Wetzels, Nijmegen, The Netherlands*

IgG4-related kidney disease

*Giacomo Quattrocchio, Turin, Italy*

Inflammation in crystal nephropathies

*Hans-Joachim Anders, Munich, Germany*

Renal involvement in scleroderma

*Alan D. Salama, London, United Kingdom*

Renal involvement in Familial Mediterranean Fever and Systemic Autoinflammatory Diseases

*Ahmet Gül, Istanbul, Turkey*

**The challenge of decreasing cardiovascular mortality in CKD**

**Part I**

New therapeutic approaches to improve cardiovascular outcomes in CKD patients

*Chairs: Alberto Ortiz, Madrid, Spain  
Jolanta Malyszko, Warsaw, Poland*

Challenges and opportunities of potassium management in CKD and hypertension

*Patrick Rossignol, Vandoeuvre-Les-Nancy, France*

Cardio- and nephroprotective properties of SGLT-2 inhibitors: mechanisms and future potential

*Pantelis A. Sarafidis, Thessaloniki, Greece*

Why do CKD category G1/G2 patients have an increased cardiovascular risk? the albuminuria-Klotho connection

*Alberto Ortiz, Madrid, Spain*

**Part II**

Focus on prevention: health economy, blood pressure targets and choice of anticoagulation

*Chairs: GéRARD London, Fleury-Mérogis, France  
Francesca Mallamaci, Reggio Calabria, Italy*

The health-economy of CKD: a plea for more prevention

*Raymond Vanholder, Ghent, Belgium*

Hypertension metrics and treatment targets in renal transplantation: an update

*Francesca Mallamaci, Reggio Calabria, Italy*

Anticoagulation in CKD patients with atrial fibrillation

*Gunnar Heine, Homburg/Saar, Germany*
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

**Kidney transplantation: what are the challenges and opportunities ahead?**

**Part I**

Chairs: Daniel Abramowicz, Antwerp, Belgium
       Umberto Maggiore, Parma, Italy

The European paired exchange program
**Rainer Oberbauer**, Vienna, Austria

Machine perfusion: does it help to improve outcomes?
**Gabriel C. Oniscu**, Edinburgh, United Kingdom

Minimisation strategies in kidney transplantation: are we making progresses?
**Ondrej Viklicky**, Prague, Czech Republic

FSGS in children: impact on kidney transplant and recurrence
**Licia Peruzzi**, Turin, Italy

**Part II**

Chairs: **Luuk Hilbrands**, Nijmegen, The Netherlands
       **Gabriel C. Oniscu**, Edinburgh, United Kingdom

Upcoming drugs in transplantation
**Klemens Budde**, Berlin, Germany

Donor specific antibodies before and after transplantation
**Marta Crespo Barrio**, Barcelona, Spain

The future of kidney allocation within Eurotransplant
**Uwe Heemann**, Munich, Germany

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CME COURSE 4

EUDIAL Working Group
(European Dialysis)

**Improving outcomes for the haemodialysis patient**

**Part I**

Targets of treatment in dialysis patients

Chairs: **Andrew Davenport**, London, United Kingdom
       **Sandip Mitra**, Manchester, United Kingdom

Does achievement of solute clearance targets improve patient outcomes?
**Andrew Davenport**, London, United Kingdom

Does exercise improve nutritional and clinical outcomes in ESKD patients?
**T. Alp Ikizler**, Nashville, U.S.A.

Patient perspective of dialysis
**Steen Jensen**, Copenhagen, Denmark
**William Withers**, Clee Hill, United Kingdom

Discussion

**Part II**

Controversies and new goals in dialysis

Chairs: **Carlo Basile**, Acquaviva delle Fonti, Italy
       **Peter J. Blankestijn**, Utrecht, The Netherlands

Atrial fibrillation: rate or rhythm control, anticoagulation: yes or no
**Sandip Mitra**, Manchester, United Kingdom

The complex relationship among arteriovenous access, heart and circulation
**Carlo Basile**, Acquaviva Delle Fonti, Italy

Environmental aspects of dialysis: towards green dialysis
**Peter J. Blankestijn**, Utrecht, The Netherlands
Cross-talk in renal epidemiology

Chairs: Kitty J. Jager, Amsterdam, The Netherlands
Vianda Stel, Amsterdam, The Netherlands

Can we use longitudinal data in survival analyses
Dorothea Nitsch, London, United Kingdom

Interaction analyses
Friedo W. Dekker, Leiden, The Netherlands

How to validate the predictive value of a biomarker
Giovanni Luigi Tripepi, Reggio Calabria, Italy

Epidemiological study designs and public health impact
Simon Fraser, Southampton, United Kingdom

Grading evidence: an exercise in critical appraisal
Evi Nagler, Ghent, Belgium

ERBP (European Renal Best Practice)

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
Ionut Nistor, Iasi, Romania

Advanced CKD in the elderly - Should dialysis happen before death?
Andrew Mooney, Leeds, United Kingdom

Surveying the AV access: key to survival or a waste of time?
Maria Haller, Linz, Austria

Glycaemic control in advanced CKD - the ERBP guideline
Ionut Nistor, Iasi, Romania

Hyperkalaemia - the ERBP treatment algorithm through case vignettes
Stephen Walsh, London, United Kingdom

Facing obesity in kidney transplantation
Davide Bolignano, Reggio Calabria, Italy
C1-M4

CME COURSE 7

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

Insulin resistance and renal disease

Chairs: Drazenka Pongrac Barlovic, Ljubljana, Slovenia
        Esteban Porrini, La Laguna (Tenerife), Spain

Insulin resistance: pathogenesis and definitions
Drazenka Pongrac Barlovic, Ljubljana, Slovenia

Muscle or liver?
Morten Buus Jørgensen, Copenhagen, Denmark

Insulin resistance: cause or consequence of renal disease?
Mads Hornum, Copenhagen, Denmark

CKD, dialysis and insulin resistance
Danilo Fliser, Homburg/Saar, Germany

Uremia, insulin resistance and beta-cell damage
Laetitia Koppe, Lyon, France

Prediabetes and insulin resistance in the waiting list for renal transplantation
Armando Torres, La Laguna (Tenerife), Spain

C1-M5

CME COURSE 8

Electrolytes and acid-base balance: from physiology to clinic

Chairs: Giovambattista Capasso, Naples, Italy
        Piergiorgio Messa, Milan, Italy

Hypokalemia: a clinical perspective
Robert Unwin, London, United Kingdom

Hyponatremia and water balance disorders
Ewout Hoorn, Rotterdam, The Netherlands

Seeing the sodium in the patient
Christoph Kopp, Erlangen, Germany

Mechanism and regulation of renal magnesium transport: clinical implications
Pascal Houillier, Paris, France

New phosphate renal handling paradigm
Carsten Wagner, Zurich, Switzerland

Distal tubular acidosis: new findings
Francesco Trepiccione, Naples, Italy

Key note talk
The effect of salt on the gut microbiome
Nicola Wilck, Berlin, Germany
Conferences

**CME COURSE 9**

**EUTox Working Group**
(European Uremic Toxin)

**Uremic toxins: sources and alterations leading to the uremic state**

Chairs: Ángel Argilés, Montpellier, France
Rosalinde Masereeuw, Utrecht, The Netherlands

- Systems medicine, molecular mechanisms and pathways involved in CKD
  Harald Mischak, Hannover, Germany

- Molecular modifications of proteins and peptides in CKD
  Joachim Jankowski, Aachen, Germany

- Implication of microRNAs in CKD
  Laurent Metzinger, Amiens, France

- Sulfur amino acid metabolism derangement in uremia
  Alessandra Perna, Naples, Italy

- Understanding the gut-kidney axis in chronic kidney disease
  Rosalinde Masereeuw, Utrecht, The Netherlands

- Uremic toxins and the gut microbiota
  Griet Glorieux, Ghent, Belgium

**CME COURSE 10**

**YNP**
(Young Nephrologists' Platform)

In collaboration with VAS, the Vascular Access Society

**Hands on vascular access: focus on which access, access complications and surveillance, including practical demonstration of fistula imaging**

Part I

Chairs: Maria Haller, Linz, Austria
José Ibeas, Barcelona, Spain

- How to choose the right dialysis access for the individual patient
  Maurizio Gallieni, Milan, Italy

- Vascular access and infection; avoidance and management
  Peter Thomson, Glasgow, United Kingdom

- Methods for vascular access surveillance: to ultrasound or not
  José Ibeas, Barcelona, Spain

- ERBP Vascular Access Guideline 2018
  Evi Nagler, Ghent, Belgium

Part II

The practical section of this course will involve demonstration of fistula imaging and the opportunity to practice fistula imaging on real patients. Additionally, there will be catheter insertion demonstration stations with the opportunity to practice on high quality phantoms.

Demonstrators:

Maurizio Gallieni, Milan, Italy
José Ibeas, Barcelona, Spain
Tamara Jemcov, Belgrade, Serbia
Jennifer Lees, Glasgow, United Kingdom
Johnny Olsen, Copenhagen, Denmark
Jernej Pajek, Ljubljana, Slovenia
Kate Stevens, Glasgow, United Kingdom
Peter Thomson, Glasgow, United Kingdom

Please note that the lectures are open to all but the practical section will be limited in number and thus places will be allocated on a “first come, first served” basis.
CME COURSE 11
ERA-EDTA & EuroPD

Integrating dialysis care: getting the best from home therapies

Chairs: Simon Davies, Stoke-on-Trent, United Kingdom
James Heaf, Roskilde, Denmark

How do we best help patients make an informed modality choice?
Hilary Bekker, Leeds, United Kingdom

What is the best way to deliver assisted peritoneal dialysis?
Thierry Lobbedez, Caen, France

How can we best deliver an integrated home therapies dialysis programme?
James Heaf, Roskilde, Denmark

Preventing technique failure in PD - what does it mean for the small dialysis programme?
Simon Davies, Stoke-on-Trent, United Kingdom

CME COURSE 12
Rheumatology for nephrologists

Chairs: Hans-Joachim Anders, Munich, Germany
Manuel Praga, Madrid, Spain

Welcome and introduction
Hans-Joachim Anders, Munich, Germany

Visual diagnosis quiz
Peter Herzer, Munich, Germany

Back from the future – lowering (oral) steroids in lupus therapy
Guillermo Ruiz-Irastorza, Barakaldo, Spain

The conundrum of treating gout in patients with CKD
Jakub Závada, Prague, Czech Republic

Forms of tubulointerstitial nephritis that need a rheumatology consult
Manuel Praga, Madrid, Spain

Bortezomib and bone marrow transplantation - rescue options for severe SLE
Falk Hiepe, Berlin, Germany

Can we ever stop immunosuppressive drugs in patients with systemic autoimmune diseases?
David Jayne, Cambridge, United Kingdom
Emerging insights in CKD-MBD

Chairs: Mario Cozzolino, Milan, Italy
       Marc Vervloet, Amsterdam, The Netherlands

Prospects for inhibitors of active intestinal phosphate transport
Ziad Massy, Paris, France

Novel approaches to treat renal osteodystrophy
João M. Frazão, Porto, Portugal

CKD-MBD phenotypes and all-cause mortality
Marc Vervloet, Amsterdam, The Netherlands

Novel compounds to regress ectopic calcification
Mario Cozzolino, Milan, Italy

Ten years research on FGF23: will it ever enter clinical practice?
Sandro Mazzaferro, Rome, Italy

Treatment of CKD-MBD after renal transplantation
Pieter Evenepoel, Leuven, Belgium

What's new in rare kidney diseases?

Chairs: Nine V.A.M. Knoers, Groningen, The Netherlands

Ascertaining pathogenicity of genetic variants in congenital and inherited kidney disorders
Nine V.A.M. Knoers, Groningen, The Netherlands

Claudinopathies: a new class of tubulopathies
Dominik Müller, Berlin, Germany

Diagnostic and therapeutic management of hypophosphatemic rickets from infancy to adulthood
Dominique Prié, Paris, France

What's new in Tuberous Sclerosis Complex?
Roser Torra, Barcelona, Spain

Genetic testing in adult renal disease patients
Albertien van Eerde, Utrecht, The Netherlands
Onconephrology

Part I

Chairs: Jerzy Chudek, Katowice, Poland
Laura Cosmai, Milan, Italy

CKD in malignancy cause or consequence
Jerzy Chudek, Katowice, Poland

Nephrologic management of renal and urothelial cancer
Laura Cosmai, Milan, Italy

AKI in patients with leukemia and stem cell transplantation
Jan T. Kielstein, Braunschweig, Germany

How to use wisely renal replacement therapy in oncology patients
Ben Sprangers, Leuven, Belgium

Part II

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

Hypertension in malignancy - comorbidity or complication of the therapy
Jolanta Malyszko, Warsaw, Poland

Anemia in cancer patients to use or to avoid ESA and iron
Petra Tesarova, Prague, Czech Republic

Potassium disorders in cancer patients
Giovambattista Capasso, Naples, Italy

Development and treatment of hyponatremia in cancer patients
Francesco Trepiccione, Naples, Italy

Presentation of the 2018 KDOQI Clinical Practice Guideline for Nutrition in CKD

Chairs: Denis Fouque, Lyon, France
T. Alp Ikizler, Nashville, U.S.A.

Introduction, overview and rationale for the guidelines
T. Alp Ikizler, Nashville, U.S.A.

Methodology and development of the clinical evidence library
Deepa Handu, Chicago, U.S.A.

Guideline recommendations for macronutrients
Denis Fouque, Lyon, France

Guideline recommendations for micronutrients
Daniel Teta, Sion, Switzerland

Guideline recommendations for electrolytes and other nutrients
Juan Jesus Carrero, Stockholm, Sweden
CME COURSE 17 14:30 - 16:30

**ERA-EDTA & EULIS**
(The Section of Urolithiasis of the European Association of Urology - EAU)

**Chairs:** Pietro Manuel Ferraro, Rome, Italy
Robert Unwin, London, United Kingdom

Recurrence of idiopathic calcium kidney stones: a persisting issue in nephrology and urology clinics
Pietro Manuel Ferraro, Rome, Italy

Early onset nephrolithiasis and nephrocalcinosis: from phenotypes to genetics
Jan Halbritter, Leipzig, Germany

Calcium and magnesium handling and kidney stone
Olivier Bonny, Lausanne, Switzerland

Uro-radiology and stones for the nephrologist
Rodrigo Suarez, Freiburg, Germany

CME COURSE 18 14:30 - 16:30

**Ethical aspects in dialysis and kidney transplantation in the elderly**

**Chairs:** Judit Nagy, Pecs, Hungary
Francesco Paolo Schena, Bari, Italy

Dialysis - PRO
Willem Jan Bos, Nieuwegein, The Netherlands

Dialysis - CON
Muhammad Magdi Yaqoob, London, United Kingdom

Kidney transplantation - PRO
Rainer Oberbauer, Vienna, Austria

Kidney transplantation - CON
Klemens Budde, Berlin, Germany

WELCOME CEREMONY 17:00 - 18:00

Welcome address
Bo Feldt-Rasmussen, Congress President

Welcome address
Ulla Wewer, Dean of Health and Medical Sciences, University of Copenhagen

Presidential address
Carmine Zoccali, ERA-EDTA President

*Presentation of the ERA-EDTA Award for Outstanding Basic Science Contributions to Nephrology to Hans-Joachim Anders*

*Presentation of the ERA-EDTA Award for Outstanding Clinical Contributions to Nephrology to Jürgen Floege*

*Presentation of the Award for Outstanding Contributions to ERA-EDTA to Andrzej Więcek*

*Presentation of the Stanley Shaldon Award for Young Investigators to Shrikant Ramesh Mulay*

Presidential address
Lisbet Brandi, DNS President

Plenary Lecture
Gene editing: powerful new tool for nephrology research and therapy
Toni Cathomen, Freiburg, Germany

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.
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<td>Renal physiology - tubular transport</td>
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<td><strong>Free Communications + Mini Lectures</strong></td>
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<td>Renal pathology 1</td>
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<td>Biomarkers in CKD</td>
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<td>Bone disease in HD</td>
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<td>Transplantation epidemiology</td>
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<td>16:30 - 17:00</td>
<td><strong>Poster session</strong></td>
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</table>
17:00 - 18:30 **Symposia**
- Diabetic nephropathy
- Treatment of CKD-MBD
- ERA-EDTA & JSN
- Expanding the donor pool (deceased and live donors) KPD, ABOi, machine perfusion
- n-3 PUFA in CKD: Does it matter?

**Free Communications + Mini Lectures**
- Clinical nephrology 2
- Genetic diseases
- CKD risk and progression
- AKI clinical 1

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**CONGRESS HALL A1**

**Symposium 7.1**

*Hot and new in transplantation: selected topics from 2017/18*

*Chairs: Umberto Maggiore, Parma, Italy*  
**Søren Schwartz Sørensen**, Copenhagen, Denmark

- Relevant outcomes? The SONG Initiative (Standardized Outcomes In Nephrology)  
  **Lionel Rostaing**, Grenoble, France
- Steroid withdrawal: if and when?  
  **Maria Haller**, Linz, Austria
- Do we still need calcineurin inhibitors in 2018?  
  **Daniel Abramowicz**, Antwerp, Belgium
- Dialysis vintage and outcomes  
  **Rainer Oberbauer**, Vienna, Austria

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**CONGRESS HALL A2**

**Symposium 4.9**

*CKD - new therapeutic approaches*

*Chairs: Denis Fouque, Lyon, France*  
**Anne-Lise Kamper**, Copenhagen, Denmark

- New treatments in diabetic kidney disease  
  **Peter Rossing**, Gentofte, Denmark
- Blood pressure regulation in CKD stage 1-5 (non-dialysis). Achievement of treatment goals and adherence to treatment  
  **Niels Henrik Buus**, Aarhus, Denmark
- Multifactorial risk reduction in CKD - with or without diabetes  
  **Rikke Borg**, Roskilde, Denmark
- The New Nordic Renal Diet  
  **Louise Salomo**, Copenhagen, Denmark
Scientific Programme

AUDITORIUM 10-11-12 08:00 - 09:30

Symposium 3.1

Membranous nephropathy: the evolving story

Chairs: Pierre Ronco, Paris, France
Jack F.M. Wetzels, Nijmegen, The Netherlands

Advances in the pathogenesis of membranous nephropathy
Pierre Ronco, Paris, France

Membranous nephropathy and cancer
Rolf A.K. Stahl, Hamburg, Germany

New perspectives from recent treatment trials in membranous nephropathy
Jack F.M. Wetzels, Nijmegen, The Netherlands

C1-M1-2 08:00 - 09:30

Symposium 6.2

Optimising clinical outcomes and technique survival

Chairs: Edwina Brown, London, United Kingdom
Olof Heimbürger, Stockholm, Sweden

How to reduce technique failure due to peritonitis
Simon Davies, Stoke-On-Trent, United Kingdom

The role of retraining in peritonitis prevention – what we have learned from the PEPS Study (Prevention of Peritonitis in Peritoneal Dialysis)
Susanne Ljungman, Gothenburg, Sweden

What is the role of assisted PD in the outcomes of frail elderly patients?
Edwina Brown, London, United Kingdom

Impact of transitioning between modalities: the INTEGRATED project
Wim Van Biesen, Ghent, Belgium

Scientific Programme

AUDITORIUM 15 08:00 - 09:30

Symposium 5.2

The non-dialysis pathway in ESRD

Chairs: Inge Eidemak, Copenhagen, Denmark
Elizabeth Krarup, Herlev, Denmark

An age old problem in nephrology
Aine Burns, London, United Kingdom

End-of-life perspectives in haemodialysis
Stefan H. Jacobson, Stockholm, Sweden

The non-dialysis pathway: models of care
Elizabeth Krarup, Herlev, Denmark

Patient-reported outcome measures in ESRD: relevance for renal palliative care
Karl-Göran Prütz, Helsingborg, Sweden
Scientific Programme

Held jointly with the Danish Society of Nephrology

FRIDAY, MAY 25

CONGRESS HALL A3

Free Communication Session 1 + Mini Lecture

Salt and related issues

Chairs: Mustafa Arici, Ankara, Turkey
        Gerjan Navis, Groningen, The Netherlands

Mini lecture
Current place of vaptans in the treatment of hyponatremia
Goce Špasovski, Skopje, F.Y.R. of Macedonia

FREE COMMUNICATIONS

FO001
SODIUM AND CHLORIDE CONCENTRATION OF SWEAT CORRELATE WITH DIETARY SALT INTAKE IN HEALTHY SUBJECTS
Philippe Braconnier, Nicolas Loncle, Joao Miguel Lourenco, Wendy Brito, Michel Burnier, Menno Pruijm, Univ Hosp Lausanne (CHUV), Nephrology, Lausanne, Switzerland.

FO002
FIBROBLAST GROWTH FACTOR 23 IS ASSOCIATED WITH FRACTIONAL SODIUM EXCRETION IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Hong Xu1, Ali Hashem2, Anna Witasz2, Rik Menke3, Peter Stenvinkel2, Peter Barany2, Annette Bruchfeld2, Annika Wernerson2, Juan Jesus Carrero1, Hannes Olsson2, 1Karolinska Inst, Dept Medical Epidemiology and Biostatistics, Stockholm, Sweden, 2Karolinska Inst, Dept Clinical Science, Intervention and Technology, Stockholm, Sweden, 3Univ Groningen, Univ Medical Center Groningen, Dept Pathology and Medical Biology, Groningen, Netherlands.

FO003
PREDICTING THE SAFETY AND EFFICACY OF BUFFER THERAPY TO CONTROL ACIDEA IN UREMIC PATIENTS
Alhaji Cherif1,2, Vaibhav Maheshwari1, Priscilla Preciado1, Doris H. Fuertinger1, Gudrun Schappacher-Tilp3, Stephan Thijssen1, David Bushinsky4, Peter Kotanko1,5, 1Renal Research Inst, Research Div, New York, NY, 2Arizona State Univ, School Mathematical and Statistical Sciences, Tempe, AZ, 3Univ Graz, Dept Mathematics, Graz, Austria, 4Univ Rochester, Dept Medicine, Rochester, NY, 5Mount Sinai, Icahn School Medicine, New York, NY.

FO004
PATTERN OF SALIVARY GLAND INVOLVEMENT IN PATIENTS WITH SJOGREN’S SYNDROME PRESENTING WITH DISTAL RTA
Sachin S. Soni1, Shrigaensh R. Barma1, Sonali S. Saboo2, 1United Cigma Hosp, Nephrology, Aurangabad, India, 2United Cigma Hosp, Radiodiagnosis, Aurangabad, India.

FO005
MEASURING AND PRESCRIBING BICARBONATE IN CHRONIC KIDNEY DISEASE PATIENTS: A SURVEY AMONG EUROPEAN NEPHROLOGISTS.
Aristeidis Stavroulopoulos1, Vasiliki Aresti1, John Droulias2, Christofores Papadopoulos1, Dimitra Bacharaki3, Macrul Sonikan4, P. Nennes1, Anastasios Galinas5, 1ASIO Hosp - General Clinic Kallithea, Nephrology, Athens, Greece, 2A. Flemig Hosp, Nephrology, Athens, Greece, 3Attikion Univ Hosp, Nephrology, Athens, Greece, 4Sismaneiglo Hosp, Nephrology, Athens, Greece, 5417 NMTS Hosp, Nephrology, Athens, Greece.

C1-M3

Free Communication Session 2 + Mini Lectures

Cardiovascular complications in dialysis

Chairs: Davide Bolignano, Reggio Calabria, Italy
        Patrick Rossignol, Vandoeuvre-Les-Nancy, France

Mini lecture
Atrial fibrillation in ESRD - what is the best approach to treatment
Adrian Covic, Iasi, Romania

FREE COMMUNICATIONS

» F0006
USE OF WARFARIN IN END-STAGE RENAL DISEASE AND ATRIAL FIBRILLATION: RISK OF STROKE AND BLEEDING - A NATIONWIDE COHORT STUDY
Nicholas Carlson1,2, Gunnar Gislason1, Christian Torp-Pedersen3, 1Danish Heart Foundation, Research, Copenhagen, Denmark, 2Holbaek Hosp, Dept Internal Medicine, Holbaek, Denmark, 3Aalborg Univ, Dept Health Science and Technology, Aalborg, Denmark.

» F0007
MAGNESIUM AND RISK OF FATAL MYOCARDIAL INFARCTION AMONG PATIENTS UNDERGOING HEMODIALYSIS - A NATIONWIDE COHORT STUDY
Yusuke Sakaguchi, Takayuki Hamano, Atsushi Wada, Yuchin Hoshino, Ikuto Masakane, Japanese Society for Dialysis Therapy, Committee of Renal Data Registry, Tokyo, Japan.

Mini lecture
Aldosterone inhibition in ESRD patients
Patrick Rossignol, Vandoeuvre-Les-Nancy, France
Scientific Programme

Free Communication Session 3 + Mini Lecture

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

Chairs: Janusz Ostrowski, Wloclawek, Poland
Vincenzo Savica, Messina, Italy

Mini lecture
News in the antique concept of Morbus Dominorum: gout as disease of lords
Vincenzo Savica, Messina, Italy

FREE COMMUNICATIONS

FO009
THE DARKNESS OF THE ENLIGHTENMENT. AN EXAMPLE OF HEATING OF URINES IN THE BYZANTINE UROSCOPY.
Athanasios Diamandopoulos, A., Louros Foundation for the History of Medicine, Board, Athens, Greece.

FO010
KIDNEY AILMENTS IN THE “HANDBOOK OF DOCTORS” BY DIONYSIOS PYRROS THESSALIAN (1774-1853)
Ioannis Stefanidis1, Spyridon Golfinopoulos1, Athanasios Diamandopoulos2, 1Univ Thessaly, School Medicine, Nephrology, Larissa, Greece, 2Louros Foundation, History of Medicine, Ministry of Economy, Athens, Greece.

FO011
SAFFRON AND ITS EFFECTS ON KIDNEYS
Ayla San, Anatolian Kidney Foundation, Presidency, Ankara, Turkey.

FO012
HISTORICAL PROGRESS OF URINE EXAMINATION FROM UROSCOPY TO URINALYSIS
Ayla San, Anatolian Kidney Foundation, Presidency, Ankara, Turkey.

FO013
KIDNEY DISEASES DESCRIBED BY ANTONIO BENIVIENI (1543-1592), THE FOUNDER OF PATHOLOGICAL ANATOMY
Natale G. De Santo1, Carmela Bisaccia2, Luca S. De Santo3, 1Univ Campania, Medicine, Naples, Italy, 2Instituto Mazzini, French language, Naples, Italy, 3Univ Foggia, Heart Surgery, Foggia, Italy, Nephrology, Athens, Greece, 4Sismanoglio Hosp, Nephrology, Athens, Greece, 5417 NMTS Hosp, Nephrology, Athens, Greece.

CONGRESS HALL A1
10:45 - 11:30

Plenary Lecture 2
Chairs: Bo Feldt-Rasmussen, Copenhagen, Denmark
Gérard London, Fleury-Mérogis, France

New paradigms of the kidney – Vascular-bone axis in CKD
Klaus Olgaard, Copenhagen, Denmark
Scientific Programme

CONGRESS HALL A2 11:45-13:15

Symposium 4.2

**Progression of chronic kidney disease – hot issues beyond blood pressure and renin-angiotensin system**

**Chairs:** Jorge B. Cannata-Andía, Oviedo, Spain  
Halima Resic, Sarajevo, Bosnia and Herzegovina

- Can antidiabetic drugs prevent chronic kidney disease progression?  
  **Christoph Wanner**, Würzburg, Germany
- Interventionsal antihypertensive therapies and chronic kidney disease - a new window of opportunity?  
  **Johannes F.E. Mann**, Munich, Germany
- Does metabolic acidosis correction prevent chronic kidney disease progression?  
  **Marcin Adamczak**, Katowice, Poland
- Hyperuricemia and chronic kidney disease progression  
  **Ivan Rychlik**, Prague, Czech Republic

AUDITORIUM 10-11-12 11:45-13:15

Symposium 6.3

**Optimising fluid management in PD patients**

**Chairs:** Bengt Lindholm, Stockholm, Sweden  
Sylvie Opatrná, Pilsen, Czezh Republic

- Bioimpedance: what have we learned from the IPOD-PD Study  
  **Wim Van Biesen**, Ghent, Belgium
- Managing blood pressure in PD patients: what is the optimal balance between bioimpedance directed volume status, salt restriction, pharmacological management and sodium removal?  
  **Olof Heimbürger**, Stockholm, Sweden
- Can sodium removal be improved in PD?  
  **Carlo Basile**, Acquaviva delle Fonti, Italy

Scientific Programme

C1-M1-2 11:45-13:15

Symposium 5.9

**DOPPS - The sweet truth: Optimizing care in advanced CKD and dialysis with a focus on diabetic patients**

**Chairs:** Helmut Reichel, Villingen Schwenningen, Germany  
Bruce Robinson, Ann Arbor, U.S.A.

- DOPPS Program: The burden of diabetes in advanced CKD and dialysis  
  **Bruce Robinson**, Ann Arbor, U.S.A.
- PDOPPS: Variation in the PD prescription, glucose exposure and outcomes  
  **Mark Lambie**, Stoke-on-Trent, United Kingdom
- DOPPS: Hepatitis C in HD patients - prevalence trends over 20 years, outcomes and use of newer treatments  
  **Michel Jadoul**, Brussels, Belgium
- CKDopps: Diabetes treatment, control and hypoglycemia in patients with advanced CKD  
  **Bénédicte Stengel**, Villejuif, France
- EURODOPPS: Outcomes according to different strategies of HbA1c use among diabetic HD patients  
  **Ionut Nistor**, Iasi, Romania

AUDITORIUM 15 11:45-13:15

Symposium 3.6

**Glomerular diseases in the Omics era**

**Chairs:** Angel Argilés, Montpellier, France  
Francesco Paolo Schena, Bari, Italy

- Large-scale genomic studies: what they have taught us  
  **Alexander Teumer**, Greifswald, Germany
- An integrated view of glomerular pathology  
  **Tobias Huber**, Hamburg, Germany
- Transcontinental Omics studies  
  **Xueqing Yu**, Guangzhou, P.R. China
- Integrative omics approach for comprehensive IgA nephropathy  
  **Francesco Paolo Schena**, Bari, Italy
AKI experimental

Chairs: Andreas Kribben, Essen, Germany
Alberto Ortiz, Madrid, Spain

Mini lecture
AKI in the patient with cirrhosis
Andrew Davenport, London, United Kingdom

FREE COMMUNICATIONS

FO014
TUBULAR CELL HYPERTROPHY VIA ENDOCYCLE AND PROLIFERATION OF TUBULAR PROGENITORS ARE CENTRAL MECHANISMS OF RESPONSE AFTER AKI
Elena Lazzieri, Maria Lucia Angelotti, Anna Julie Peired, Carolina Conte, Laura Lasagni, Paola Romagna,
Univ Florence, Dept Biomedical Experimental and Clinical Sciences, Florence, Italy.

FO015
LPS REMOVAL REDUCES CD80-MEDIATED MICROALBUMINURIA IN CRITICALLY ILL PATIENTS
WITH GRAM-NEGATIVE SEPSIS PREVENTING ACUTE TO CHRONIC KIDNEY DISEASE TRANSITION
GS Nett1, F Sangregorio1, F Stafferer2, A Crovace2, B Infante1, AM Malorano3, G Castelliano2, AM Di Palma2, L Gesualdo2, G Stallone1, G Cinnella1, G Grandaliano1, 1Univ Foggia, Dept Medical and Surgical Sciences, Foggia, Italy, 2Univ Bari, Dept Medical and Surgical Sciences, Foggia, Italy, 3Univ Bari, Dept Medical and Surgical Sciences, Foggia, Italy.

Nephrology, Danish Society

FREE COMMUNICATIONS

FO016
NEW URINARY BIOMARKERS FOR THE DIAGNOSIS OF SUBCLINICAL SEQUELAE AFTER ACUTE KIDNEY INJURY
Cristina Cuesta, Maria Paniagua-Sanchez, Sandra Sancho-Martinez, Carlota Malvido, Neldia Eleno, Francisco J. Lopez-Hernandez, Isabel Fuentes-Calvo, Carlos Martinez-Salgado, Inst Biomedical Research of Salamanca (IBSAL), Physiology and Pharmacology, Univ Salamanca, Salamanca, Spain.

FO017
UNILATERAL NEPHRECTOMY SUPPRESSES IMMUNE RESPONSE PATHWAYS IN ACUTE KIDNEY INJURY AND OVERCOMES PROGRESSION TO CHRONIC KIDNEY DISEASE IN MICE
Lies Moonen1, Bart Cuypers2, Pieter Meymans2, Kris Laukens2, Patrick C. D’Haese1, 1Univ Antwerp, Lab Pathophysiology, Antwerp, Belgium, 2Univ Antwerp, Advanced Database Research and Modeling group (ADReM), Antwerp, Belgium.

FO018
SELECTIVE HISTONE DEACETYLASE 6 INHIBITOR 23BB ALLEVIATED Rhabdomyolysis-INDUCED ACUTE KIDNEY INJURY BY REGULATING ENDOPLASMIC RETICULUM STRESS AND APOPTOSIS IN TUBULAR EPITHELIAL CELLS
YuYing Feng1, Liang Ma2, Ping Fu2, 1West China Hosp Sichuan Univ, Kidney research Inst, ChengDu, China, 2West China Hosp Sichuan Univ, Kidney Research Inst, Chengdu, China.

Clinical nephrology 1

Chairs: Dita Maixnerova, Prague, Czech Republic
Angela Yee Moon Wang, Hong Kong, Hong Kong, P.R. China

Mini lecture
Using digital and mobile tools in clinical research
Mitchell Lunn, San Francisco, U.S.A.

FREE COMMUNICATIONS

FO019
MYCOPHENOLATE MOFETIL OR TACROLIMUS COMPARED WITH AZATHIOPRINE IN THE LONG-TERM MAINTENANCE TREATMENT FOR ACTIVE LUPUS NEPHRITIS
Peng Xing, Hong Ren, Wen Zhang, Xiaonong Chen, Xiao Li, Nan Chen, Ruijin Hosp, Shanghai Jiao Tong Univ School Medicine, Nephrology, Shanghai, China.

FO020
A PHASE 2 OPEN-LABEL SINGLE-ARM STUDY TO ASSESS THE EFFECT OF SNF472 ON WOUND HEALING IN CALCIFICALXIS (CALCIFIC UREMIC ARTERIOLOPATHY) PATIENTS
Vincent Brandenburg1, Smeeta Sinha2, Jose-Vicente Torregrosa3, Lance Bermann4, Stephen Miller5, Ana-Zeraida Canals4, Daun Bahr6, Preston Klassen5, Pieter Joubert4, Carolina Salcedo7, Rekha Garg8, Joan Pere69,10, 1Univ Hosp, Cardiology, Aachen, Germany, 2Univ Manchester, Nephrology, Manchester, UK, 3Hosp Clinic, Nephrology & Renal Transplant, Barcelona, Spain, 4Sanifit, Clinical, Palma, Spain, 5Sanifit, Clinical, San Diego, CA, 6Sanifit, Data Management, San Diego, CA, 7Sanifit, Research, Palma, Spain, 8Sanifit, Regulatory, San Diego, CA, 9Sanifit, CEO, Palma, Spain, 10UIB, Lab. Investigacio en Litisani Renal, Palma, Spain.

FO021
ORAL SODIUM BICARBONATE SUPPLEMENTATION DOES NOT AFFECT SERUM CALCIFICATION PROPENSITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE AND CHRONIC METABOLIC ACIDOSIS
Martina Gaggl1, Christoph Aigner1, Daniel Celjak2, Gere Sunder-Plassmann1, 1Medical Univ Vienna, Dept Medicine III -Nephrology, Hypertension, Transplantation and Rheumatology, Linz, Austria, 2Ordensklinikum Linz at Krankenhaus der Elisabethinen, Dept Medicine III, Div Nephrology and Dialysis, Vienna, Austria, 3Hosp Clinic, Nephrology & Renal Transplant, Linz at Krankenhaus der Elisabethinen, Dept Medicine III -Nephrology, Hypertension, Transplantation and Rheumatology, Linz, Austria.

FO022
BARDOXOLONE METHYL PREVENTS EGFR DECLINE IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 4 AND TYPE 2 DIABETES - POST-HOC ANALYSES FROM BEACON
Christoph Walter1, George Bakris2, Geoffrey A. Block3, Melanie Chirn4, Angie Goldsberry4, Lesley A. Inker5, Colin J. Meyer5, Megan O’Grady5, Pablo E. Pergola6, David G. Warnock7, Glenn M. Chertow8, 1Univ Hosp Wurzburg, Dept Medicine, Würzburg, Germany, 2Univ Chicago, Dept Medicine, Chicago, IL, 3Denver Nephrology, Denver, CO, 4Reata Pharmaceuticals, Product Development, Irving, TX 5Tufts Medical Center, Dept Medicine, Boston, MA, 6Renal Associates PA, San Antonio, TX 7Univ Alabama Birmingham, Dept Medicine, Birmingham, AL, 8Stanford Univ School Medicine, Div Nephrology, Palo Alto, CA.
Scientific Programme

C1-M4 11:45 - 13:15

Free Communication Session 6 + Mini Lecture

CKD rehabilitation

Chairs: Naomi Clyne, Lund, Sweden
Dimitrios Goumenos, Patras, Greece

Mini lecture
Frailty in CKD/ESRD
Dimitrios Goumenos, Patras, Greece

FREE COMMUNICATIONS

FO024
PHYSICAL ACTIVITY AND REDUCED RISKS FOR END-STAGE RENAL DISEASE AND MORTALITY IN CHRONIC KIDNEY DISEASE PATIENTS
Chou-Pin Kuo1, Wei-Cheng Tseng1,2,3, Der-Cherng Tarng1,2,3,4, 1Taipei Veterans General Hosp, Div Nephrology, Dept Medicine, Taipei, Taiwan, 2National Yang-Ming Univ, Inst Clinical Medicine, Taipei, Taiwan, 3National Yang-Ming Univ, Dept Medicine, Taipei, Taiwan, 4National Yang-Ming Univ, Div Medicine, Taipei, Taiwan.

FO025
INTERVENTIONS TO IMPROVE SLEEP QUALITY IN PEOPLE WITH CHRONIC KIDNEY DISEASE: A COCHRANE SYSTEMATIC REVIEW
Patrizia Natal1, Suetonia C. Palmer2, Marinella Ruospo1, Valeria Saglimbene3, Jorgen Hegbrant1, Giovanni F. M. Strippoli1,2,3, 1Diaverum, Medical Scientific Office, Lund, Sweden, 2Univ Otago Christchurch, Medicine, Christchurch, New Zealand, 3Univ Sydney, School Public Health, Sydney, Australia.

FO026
TIME-TREND COMPARATIVE ASSOCIATIONS OF MUSCLE STRENGTH AND MASS, CARDIORESPIRATORY FITNESS, AND PHYSICAL ACTIVITY LEVEL WITH 6-YEAR CLINICAL OUTCOMES AND QUALITY OF LIFE IN KIDNEY TRANSPANTATION
Winnie Chan1,2, Anna Phillips2, Nicola Crabtree3, Jos Bosch2, David Jones4, Richard Borrow1, 1Univ Hosp Birmingham NHS Foundation Trust, Dept Nephrology & Kidney Transplantation, Birmingham, UK, 2Univ Birmingham, School Sport, Exercise and Rehabilitation Sciences, Birmingham, UK, 3Univ Hosp Birmingham NHS Foundation Trust, Dept Nuclear Medicine, Birmingham, UK, 4Manchester Metropolitan Univ, School Healthcare Science, Manchester, UK.

FO027
THE EFFECT OF EXERCISE INTERVENTION ON EXERCISE TOLERANCE IN PATIENTS WITH NON-DIALYSIS-DEPENDENT CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW
Naohiko Fujii1, Susumu Toda2, Kiyomi Koike3, Masayuki Yamanouchi4, Jumpei Hasegawa5, Junichi Hashimoto6, Kunihiro Yamagata7, Osamu Ito7, Masahiro Kozuki8, 1Hyogo Prefectural Nishinomiya Hosp, Nephrology, Nishinomiya, Japan, 2Uji-Takeda Hosp, Internal Medicine, Kyoto, Japan, 3Nagoya Daini Red Cross Hosp, Internal Medicine, Nagoya, Japan, 4Toranomon Hosp, Internal Medicine, Tokyo, Japan, 5Tohoku Medical and Pharmaceutical Univ, Nephrology, Sendai, Japan, 6Tohoku Univ, Nephrology, Sendai, Japan, 7Tohoku Medical and Pharmaceutical Univ, Rehabilitation, Sendai, Japan, 8Tohoku Hosp, Internal Medicine and Rehabilitation Science, Sendai, Japan.
FO028
FRIED’S FRAILTY SCALE IDENTIFIES THOSE ELDERLY PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE THAT MAY BENEFIT FROM THOROUGH GERIATRIC EVALUATION
Lara Caldiroli1, Carlotta Vezza2, Piergiorgio Messa3, Matteo Cesarì4, Simone Vettoretti3, 1Fondazione IRCCS Osp Maggiore Policlinico, Unit Nephrology, Milan, Italy, 2Fondazione IRCCS Osp Maggiore Policlinico, Geriatrics Unit, Milan, Italy, 3Fondazione IRCCS Osp Maggiore Policlinico, Unit Nephrology, Milan, Italy, 4Univ Studi Milano, Unit Geriatrics, Milano, Italy.

FO029
HYPERTENSION CONTROL AND MORTALITY IN A COHORT OF OLDER ADULTS
Antonios Douros1, Natalie Ebert2, Kristin Schwar2, Peter Martus3, Reinhold Kreutz1, Markus van der Giet4, Elke Schaefner2, 1Charité, Inst Clinical Pharmacology and Toxicology, Berlin, Germany, 2Charité, Inst Public Health, Berlin, Germany, 3Friedrich Karls-Univ, Inst Clinical Epidemiology and Medical Biostat., Tübingen, Germany, 4Charité, Nephrology, Berlin, Germany.

FO030
PREVALENCE AND CONTROL OF HYPERTENSION WITH THE USE OF AMBULATORY BLOOD PRESSURE RECORDING IN HEMODIALYSIS PATIENTS
Charalampos Louridas1, Antonios Karpetas2, Eirini Papadopoulou1, Alexia Piperidou1, Athanasios Bikos3, Vasilios Raptis4, Giorgos Tzani1, Christos Syraganis5, Dimitrios Stamatiadis6, Vasilios Liakopoulos7, Alkaterini Papagianni1, Pantelis Zempekakis7, Panetis A Sarafidis1, 1Hippokration Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece, 2Hemodialysis Unit, Therapeutik, Aristot. Univ, Thessaloniki, Greece, 3Hemodialysis Unit, Protypo, Thessaloniki, Greece, 4Hemodialysis Unit, Pieria, Katerini, Greece, 5Achillopoulou General Hosp, Hemodialysis Unit, Volos, Greece, 6General Hosp Serres, Hemodialysis Unit, Serres, Greece, 7Section Nephrology and Hypertension, 1st Dept Medicine, AHEPA Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece.

FO031
POTASSIUM ACTIVATES THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM AND DOES NOT IMPROVE ENDOTHELIAL FUNCTION IN HEALTHY NORMOTENSIVE MEN
Rasmus Dreier1,2, Ulrik B. Andersen2, Martin Egfjord3, Majid Sheykhzade4, Jørgen Jeppesen1, 1Amager Hvidovre Hosp Glostrup, Dept Medicine, Univ Copenhagen, Glostrup, Denmark, 2Rigshospitalet Glostrup, Dept Clinical Physiology, Nuclear Medicine and PET, Univ Copenhagen, Glostrup, Denmark, 3Rigshospitalet, Dept Nephrology P, Univ Copenhagen, Copenhagen, Denmark, 4Univ Copenhagen, Dept Drug Design and Pharmacology, Fac Health and Medical Sciences, Copenhagen, Denmark.

FO033
MALIGNANT NEPHROANGIOSCLEROSIS IN YOUNG PATIENTS WITH MALIGNANT HYPERTENSION
Côme Bureau1, Matthieu Jamme1, Arnaud Dzeing2, Alexandre Hertig1, Eric Rondeau1, Laurent Masnard1, 1APHP, Tenon Hosp, Urgences Néphrologiques et Transplantation Rénale, Paris, France, 2De - main Hosp, Maladie infectieuse et tropicale, Denain, France.

FO034
PATTERNS OF HYPERTENSION IN RENAL TRANSPLANT PATIENTS EVALUATED WITH 24H AMBULATORY BLOOD PRESSURE MONITORING
Miriana Dinic, Nicolas Maillard, Guillaume Claissse, Ingrid Masson, Eric Alamartine, Christophe Mariat, CHU Nord Saint Etienne, Nephrology, Dialysis, Transplantation Dept and Hypertension Center, Saint Etienne, France.
Scientific Programme

CONGRESS HALL A1
15:00-16:30
Symposium 0.4

 ASN Highlights
Chair: Mustafa Arici, Ankara, Turkey
Mark Rosenberg, Minneapolis, U.S.A.

End Stage Renal Disease
Vandana Niyyar, Atlanta, U.S.A.

Glomerular disease and podocytopathies: novel and evolving treatment regimens
James A. Tumlin, Atlanta, U.S.A.

Transplantation
Michelle Josephson, Chicago, U.S.A.

CONGRESS HALL A2
15:00-16:30
Symposium 3.5

Lupus and vasculitis - recent advances in therapy
Chair: Wladimir M. Szpirt, Copenhagen, Denmark
Elena Zakharova, Moscow, Russia

Newer agents in the treatment of SLE nephritis
David Jayne, Cambridge, United Kingdom

Anti-GBM disease - New subgroups and novel therapies
Mårten Segelmark, Linköping, Sweden

IgA Vasculitis in adults: what is it and what should we do about it?
Alan D. Salama, London, United Kingdom

Improving survival in ANCA associated vasculitis
Wladimir M. Szpirt, Copenhagen, Denmark

Scientific Programme

AUDITORIUM 10-11-12
15:00-16:30
Symposium 5.3

Uremic toxicity - New insights
Chair: Pieter Evenepoel, Leuven, Belgium
Joachim Jankowski, Aachen, Germany

Uremic toxins and the gut
Griet Glorieux, Ghent, Belgium

Uremic toxins and cardiovascular outcomes
Ziad Massy, Paris, France

Uremic toxins and the bone in CKD
Tilman Drueke, Villejuif, France

Role of inflammation in the uremic phenotype
Peter Stenvinkel, Stockholm, Sweden

C1-M1-2
15:00-16:30
Symposium 8.2

A new life for sodium in Nephrology
Chair: Gerjan Navis, Groningen, The Netherlands
Andrzej Więcek, Katowice, Poland

New ideas on the link between salt and hypertension
Friedrich C. Luft, Berlin, Germany

Sodium and ADPKD progression
Vicente Torres, Rochester, U.S.A.

Sodium and the evolution of CKD
Gerjan Navis, Groningen, The Netherlands

Proteasuria – the primary mechanism for sodium retention in proteinuric kidney disease
Ferruh Artunc, Tübingen, Germany
Symposium 1.1

Renal physiology - tubular transport

Chairs: Giovambattista Capasso, Naples, Italy
       Carsten Wagner, Zurich, Switzerland

Claudin 10 in the TAL and the HELIX syndrome
Pascal Houillier, Paris, France

Tubular handling of calcium and magnesium: insights from GWAS
Olivier Devuyst, Zurich, Switzerland

HNF1beta: roles in the distal nephron
Stanislas Faguer, Toulouse, France

Free Communication Session 8 + Mini Lecture

Renal pathology 1

Chairs: Erik Ilsø Christensen, Aarhus, Denmark
        Sanjeev Sethi, Rochester, U.S.A.

Mini lecture
The standardized classification and reporting of glomerulonephritis
Sanjeev Sethi, Rochester, U.S.A.

FO035 SPECIFIC BIOMARKERS ASSOCIATED WITH ACTIVE AND CHRONIC RENAL LESIONS IN IGA NEPHROPATHY PATIENTS STRATIFIED USING THE MEST-C CLASSIFICATION. A MULTICENTER STUDY
Sharon Natasha Cox1, Claudia Curci2, Grazia Serino3, Michele Rossini2, Mario Borronini4, Vittorio Sironi4, Paolo Felaconi4, Giuseppe Lattanzio4, Gianluigi Zaza5, Antonio Lupo6, Isabella Squarzon6, Patrizia Bernich6, Patrizia Bernich6, Francesco P. Schena7, 1Schena Foundation, Research Center for Kidney Diseases, Valenzano-Bari, Italy, 2Univ Bari, D.E.T.O, Bari, Italy, 3IRCCS de Bellis, Immunology, Castellana Grotte, Bari, Italy, 4Santissima Annunziata Hosp, Nephrology Unit, Chieti, Italy, 5Univ Verona, Renal Unit, Dept Medicine, Univ-Hosp Verona, Italy, 6Univ-Hosp Verona, Renal Unit, Dept Medicine, Verona, Italy, 7Schena Foundation, Valenzano, Bari, Italy.

FO036 EXOSOMAL MICRO-19B-3P FROM TUBULAR EPITHELIAL CELL IS CRITICAL FOR MACROPHAGE ACTIVATION IN ALBUMIN INDUCED TUBULOINTERSTITIAL INFLAMMATION
Ye Feng, Linli Lv, Weijun Wu, Xin Zhong, Zuolin Li, Leting Zhou, Taotao Tang, Bicheng Liu, Zhongda Hosp, Southeast Univ School Medicine, Nephrology, Nanjing, China.

FO037 14-3-3σ (STRATIFIN) IS UP-REGULATED DURING THE DEVELOPMENT OF RENAL PATHOLOGIES
Myrto Rizou1, Eleni A. Frangou1, Niki Prakoura2, Panagiota Kavvads2, Christos Chatziantoniou2, Hara Gkikopoulou3, Aristidis Charonis1, 1Biomedical Research Foundation Academy Athens, Center Clinical, Experimental Surgery & Translational Research, Athens, Greece, 2INSERM, UMRS 1155, Paris, France, 3Univ Athens, Medical School, Athens, Greece.

FO038 EFFECTS OF RECOMBINANT THROMBOMODULIN ON EXPERIMENTAL AUTOIMMUNE VASCULITIS VIA THE INHIBITION OF NEUTROPHIL EXTRACELLULAR TRAPS
Kanako Watanabe1, Daigo Nakazawa1, Yoshihiro Kusunoki1, Fumihiko Hattanda1, Saori Nishio1, Sakiko Masuda2, Utano Tomaru3, Tatsuya Atsumi1, Akiko Ishizu1, 1Hokkaido Univ, Rheumatology, Endocrinology and Nephrology, Fac Medicine and Graduate School Medicine, Sapporo, Japan, 2Hokkaido Univ, Fac Health Sciences, Sapporo, Japan, 3Hokkaido Univ, Pathology, Fac Medicine and Graduate School Medicine, Sapporo, Japan.

FO039 INTRACELLULAR LIPIDS: THE CAUSE OF CHRONIC KIDNEY DISEASE DEVELOPMENT IN GSDIA
Montellet Laure, Gjorgjeva Monika, Silva Marine, Verzieux Vincent, Midiheux Gilles, Rajas Fabienne, INSERM, Univ Lyon1, U1213 Nutrition, Diabetes and Brain, Lyon, France.
**Biomarkers in CKD**

**Chairs:** Federico Alberici, Milan, Italy  
Andreas Kronbichler, Innsbruck, Austria

**Mini lecture**

The diagnosis of hematuria in the genetic era: a conundrum solved?  
**Emmanuelle Plaisier,** Paris, France

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**FREE COMMUNICATIONS**

**FO040**
TOWARDS A BETTER UNDERSTANDING OF KIDNEY DISEASE USING METABOLOMICS  
Yoric Gagnebin1, Julian Pezzati1, Pierre Lescuyer2, Chantal Martinez3, Sophie De Seigneux3, Julien Bocard1, Serge Rudaz1, Belén Ponte3, 1Univ Geneva and Lausanne, School Pharmaceutical Sciences, Geneva, Switzerland, 2Univ Hosp Geneva, Dept Genet and Lab Medicine, Geneva, Switzerland, 3Univ Hosp Geneva, Nephrology, Geneva, Switzerland.

**FO041**
URINARY PROTEOMICS MAY UNMASK THE RENAL POTENTIAL OF THE DPP-4 INHIBITOR LINAGLIPTIN IN PATIENTS WITH DIABETIC KIDNEY DISEASE  
Justyna Siwy1, Harald Mischak1, Thomas Klein2, Maximilian von Eynatten3, mosaiques-diagnostics GmbH, research and development, Hannover, Germany, 2Boehringer Ingelheim Pharma GmbH & Co, Cardio-metabolic Diseases, Ingelheim, Germany, 3Boehringer Ingelheim Pharma GmbH & Co, TA Metabolism Medicine, Ingelheim, Germany.

**FO042**
DETECTION OF RENAL ALLOGRAFT REJECTION BY NMR-BASED URINE METABOLOMICS  
Miriam Banas1, Sindy Neumann2, Johannes Eglsperger2, Philipp Pagel2, Dominik Chittka1, Eric Schiffer2, Volker Pfahler2, Bernhard Banas1, 1Univ Hosp Regensburg, Nephrology, Regensburg, Germany, 2numares, HEALTH, Regensburg, Germany.

**FO043**
URINARY UBIQUITOMICS IDENTIFIED FACTOR XII AND BETA-2-GLYCOPROTEIN-1 AS POTENTIAL BIOMARKERS OF DIABETIC KIDNEY DISEASE  
Massimo Papale1, Chiara Divella1, Francesca Conserva1, Giuseppe Castelliano1, Paola Pontrelli1, Mariagrazia Barozzino1, Francesco Pesce2, Annarita Oranger1, Luigi Laviola1, Simona Simone2, Vincenzo Trischitta3, Giovanni Battista Pertosa1, Francesco Giorgino4, Giuseppe Grandalliano5, Salvatore De Cosmo3, Loreto Gesualdo1, 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, Italy, 2Univ Hosp Policlinico Bari, Nephrology Dialysis and Transplantation, Bari, Italy, 3Casa Sollievo Sofferenza Hosp, Endocrinology, San Giovanni Rotondo (FG), Italy, 4Univ Bari, Endocrinology, Bari, Italy, 5Univ Foggia, Medical and Surgical Sciences, Foggia, Italy.
C1-M4  15:00 - 16:30
Free Communication Session 10 + Mini Lectures

Bone disease in haemodialysis

Chairs: Martin de Borst, Groningen, The Netherlands
       Michel Jadoul, Brussels, Belgium

Mini lecture
Implementation of new CKD-MBD guidelines
Markus Ketteler, Coburg, Germany

FREE COMMUNICATIONS

FO046
MULTICENTRE RANDOMIZED CONTROL Trial OF PHOSPHATE CONTROL WITH A MODIFIED AS COMPARED TO STANDARD RENAL DIET.

FO047
REAL-WORLD EFFECTIVENESS OF SUCROFERRIC OXYHYDROXIDE FOR SERUM PHOSPHORUS CONTROL IN DIALYSIS PATIENTS: AN INTERIM SUBGROUP ANALYSIS OF THE VERIFIE STUDY
Angel de Francisco1, Denis Fouque2, Ioannis Boletis3, Marc Verhoye4, Philip Kaira5, Markus Ketteler6, Piergiorgio Messa7, Manuela Stauss-Grabo8, Anja Derlet8, Viatcheslav Rakov9, Sebastian Walpen9, Amandine Perrin9, Linda Ficociello10, Jorge Cannata-Andia11, Christoph Wanner12, Jacques Rottembourg13, 1Marques de Valdecilla Univ Hosp, Nephrology, Santander, Spain, 2Univ Claude Bernard, Nephrology, Lyon, France, 3Laiko Univ Hosp, Nephrology, Athens, Greece, 4VU Univ Medical Centre, Nephrology, Amsterdam, Netherlands, 5Salford Royal Hosp NHS Trust, Renal Medicine, Manchester, UK, 6Coburg Clinic and KfH-Dialysis Center, Nephrology, Coburg, Germany, 7Maggiore Hosp, Nephrology, Milan, Italy, 8Fresenius Medical Care, Clinical Research, Bad Homburg, Germany, 9Vifor Fresenius Medical Care North America, Epidemiology, Waltham, MA, 11Univ Oviedo, Dept Medicine, Oviedo, Spain, 12Univ Hosp, Nephrology, Würzburg, Germany, 13Groupe Hosp Pitié-Salpêtrière, Nephrology, Paris, France.

Speaker suggested by

C1-M5  15:00 - 16:30
Free Communication Session 11 + Mini Lecture

Transplantation epidemiology

Chairs: Giuseppe Grandaliano, Foggia, Italy
       George Reusz, Budapest, Hungary

Mini lecture
Criteria to define transplantable kidneys
Giuseppe Grandaliano, Foggia, Italy

FREE COMMUNICATIONS

FO048
EFFECT OF INITIAL IMMUNOSUPPRESSION ON LONG TERM KIDNEY TRANSPLANT OUTCOME IN IMMUNOLOGICAL LOW RISK PATIENTS
Laura Michielsen1, Arjan van Zuijlen1, Bram Wise2, Marianne Verhaar1, Elena Kamburova2, Hen-ny Otten2, Luuk Hilbrands3, On behalf of the PROCARE Consortium, 1Univ Medical Center Utrecht, Nephrology and Hypertension, Utrecht, Netherlands, 2Univ Medical Center Utrecht, Lab Translational Immunology, Utrecht, Netherlands, 3Radboud Univ Medical Center, Nephrology, Nijmegen, Netherlands.

FO049
AN INTEGRATIVE APPROACH FOR THE ASSESSMENT OF PERITUBULAR CAPILLARITIS EXTENT AND SCORE IN MICROVASCULAR INFLAMMATION - ASSOCIATIONS WITH TRANSPLANT GLOMERULOPATHY AND GRAFT LOSS
Zeljko Kikic1, Harald Herkner2, Farsad Eskandary1, Wolfgang Winnicki1, Gregor Bond1, Michael Edler1, Nikolaos Kozakowski1, 1Medical Univ Vienna, Internal Medicine III, Nephrology and Dialysis, Vienna, Austria, 2Medical Univ Vienna, Emergency Medicine, Vienna, Austria, 3Medical Univ Vienna, Clinical Pathology, Vienna, Austria.

FO050
TWO DECADES OF EUROTRANSPLANT SENIOR PROGRAM (ESP): TIME ON DIALYSIS INDEPENDENTLY IMPACTS PATIENT SURVIVAL; ALLOGRAFT SURVIVAL AND QUALITY OF LIFE AFTER KIDNEY TRANSPLANTATION
Thomas Schachtnner1,2,3, Natalie Otto1, Petra Reineke1,2, 1Charite Univ Medicine Berlin, Nephrology and Internal Intensive Care, Berlin, Germany, 2Charite Univ Medicine Berlin, Berlin-Brandenburg Center for Regenerative Therapies, Berlin, Germany, 3Charite Inst Health (BIH), Charite and Max Delbrueck Center, Berlin, Germany.

FO051
THE IMPACT OF GFR EVALUATION TECHNIQUE ON LIVING KIDNEY DONATION ELIGIBILITY
**Symposium 8.3**

**Diabetic nephropathy**

Chairs: Trond Jenssen, Oslo, Norway
      Gert Mayer, Innsbruck, Austria

Urine proteome - is there a role in predicting and monitoring diabetic nephropathy

Peter Rossing, Gentofte, Denmark

SGLT2 inhibitors, mechanisms behind cardiovascular and renal protection?

Bo Feldt-Rasmussen, Copenhagen, Denmark

Incretin based therapies, mechanisms behind cardiovascular and renal protection?

Johannes F.E. Mann, Munich, Germany

Ongoing studies in the field

Per-Henrik Groop, Helsinki, Finland

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**Symposium 5.7**

**Treatment of CKD-MBD**

Chairs: Mario Cozzolino, Milan, Italy
      Ewa Lewin, Copenhagen, Denmark

Are all phosphate binders the same for CKD patients?

João M. Frazão, Porto, Portugal

Calcimimetics or vitamin D derivatives in ESRD patients?

John Cunningham, London, United Kingdom

Osteoporosis in patients with CKD

Marie-Hélène Lafage-Proust, Saint-Priest-en-Jarez, France

Treatment and prevention of fractures in kidney graft recipients

Rudolf Wüthrich, Zurich, Switzerland

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**ASSOCIATION OF HISTORICAL PEAK PRA AND RENAL TRANSPLANTATION OUTCOMES**

Alexey Zulkarnaev, Vadim Stepanov, Veronika Fedulkina, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, Russian Federation.
Scientific Programme

Joint Symposium ERA-EDTA & JSN (Japanese Society of Nephrology)
Acute/rapidly-progressive nephritic syndrome and vasculitis

Chairs: Shouichi Fujimoto, Miyazaki, Japan
       Loreto Gesualdo, Bari, Italy

Japanese Renal Biopsy Registry (JRBR)
Hitoshi Sugiyama, Okayama, Japan

A nation-wide prospective cohort study in Japanese patients with ANCA-associated vasculitis
Shinya Kaname, Tokyo, Japan

Geographical difference – different incidence of glomerular disease or different practice
Loreto Gesualdo, Bari, Italy

Complications after renal biopsy - what are the risk factors?
Björn Peters, Skovde, Sweden

n-3 PUFA in CKD: does it matter?

Chairs: Jeppe Hagstrup Christensen, Aalborg, Denmark
       Peter Marckmann, Roskilde, Denmark

n-3 PUFA and CKD: epidemiological data and follow-up
Anupam Chandra, Oslo, Norway

Arrhythmias and sudden cardiac death in dialysis patients: is n-3 PUFA of relevance?
Jesper Moesgaard Rantanen, Aalborg, Denmark

n-3 PUFA and interventional studies relevant for the nephrologist
My Svensson, Larenskog, Norway

n-3 PUFA, inflammation and fibrosis. New insights
Ivar Anders Eide, Larenskog, Norway

Expanding the donor pool (deceased and live donors) KPD, ABOi, machine perfusion

Chairs: Rainer Oberbauer, Vienna, Austria
       Helle Thiesson, Odense, Denmark

How to set up a KPD Program
Ondrej Viklicky, Prague, Czech Republic

ABO-I and HLA-I transplantation
Umberto Maggiore, Parma, Italy

Marginal kidney donors
Johan W. De Fijter, Leiden, The Netherlands
Scientific Programme

CONGRESS HALL A3

17:00-18:30

Free Communication Session 12 + Mini Lectures

Clinical nephrology 2

Chairs: Kate Stevens, Glasgow, United Kingdom
Elena Zakharova, Moscow, Russia

Mini lecture
Treatment of C3 glomerulopathy
Yasar Caliskan, Istanbul, Turkey

Posters

C1-M3

17:00-18:30

Free Communication Session 13 + Mini Lecture

Genetic diseases

Chairs: Nine V.A.M. Knoers, Groningen, The Netherlands
Heini Murer, Zurich, Switzerland

Mini lecture
MicroRNAs, mediators and therapeutic targets for renal disease
Laura Denby, Edinburgh, United Kingdom

FREE COMMUNICATIONS

FO053
EVALUATION OF SOLUBLE CIRCULATING MEDIATORS OF FIBROSIS IN IDIOPATHIC RETROPERITONEAL FIBROSIS: FROM PATHOGENESIS TO BIOMARKERS

Michele Battista, Claudio Musetti, Daniela Palmieri, Miglio Roberta, Davide Medica, Marco Quaglia, Vincenzo Cantaluppi, Univ Piemonte Orientale Avogadro, Univ Hosp Maggiore della Carità, Dept Translational Medicine, Nephrology and Kidney Transplant Unit, Novara, Italy.

FO054
DYSNATREMIA AND IN-HOSPITAL MORTALITY: ANALYSIS OF A MONOCENTRIC EXPERIENCE OF 19,454 HOSPITALIZATIONS

Umberto Morosini1, Marco Quaglia1, Claudio Musetti1, Tiziana Cena2, Gabriele Guglielmetti1, Michele Battista1, Angelo Nappi1, Guido Merlotti1, Vincenzo Cantaluppi1, 1Eastern Piedmont Univ, Traslational medicine - Nephrology – Kidney Transplantation Center, Novara, Italy, 2Eastern Piedmont Univ, Translational medicine, Novara, Italy.

FO055
THE EFFECT OF B CELL TARGETTED THERAPIES ON AUTOANTIBODIES AND EXCESSIVE NEUTROPHIL EXTRACELLULAR TRAP FORMATION IN SYSTEMIC LUPUS ERYTHEMATOSUS PATIENTS

Laura S. van Dam1, Zgjim Osmani1, Tineke Kraaij1, Sylvia W. A. Kamerling1, Jaap A. Bakker2, Hans U. Scherer3, Ton J. Rabelink1, Reinhard E. Volit4, David Isenberg5, Paola Romagnani1, 1Meyer Children’s Hosp, Nephrology and Dialysis Unit, Florence, Italy, 2Univ Florence, Dept Biomedical Experimental and Clinical Sciences Mario Serio, Florence, Italy, 3Fondazione Maugeri, Endocrinology and Medical Oncology Unit, Pavia, Italy, 4Meyer Children’s Hosp, Medical Genetics, Florence, Italy.

FO056
IDENTIFICATION OF MIRNAS REGULATING THE WATER TRANSPORT IN THE COLLECTING DUCT

Federica Petrillo1, Anna Iervolino2, Alfonso De Falco3, Federica Prosperi1, Luigi R. De la Motta1, Sabina K. Jelen2, Robert A. Fenton4, Giovambattista Capasso1, Francesco Trepiccio1, 1Univ Campania Luigi Vanvitelli, Dpt Cardio-Thoracic and Respiratory Science, Univ Campania, Naples, Italy, 2Biogem scarl., Dpt Cardio-Thoracic and Respiratory Science, Univ Campania, Ariano Irpino, Italy, 3Lab National Santé, Dpt Genetics, Dudelange, Luxembourg, 4Univ Aarhus, Dpt Biomedicine, Aarhus, Denmark.

FO057
WHOLE-EXOME SEQUENCING FOR PERSONALIZED MANAGEMENT OF IDIOPATHIC NEPHROTIC SYNDROME

Francesca Becherucci1, Benedetta Mazzinghi1, Samuela Landini2, Marco Allinovi2, Fiammetta Ravagli1, Mario Rotondi3, Rosa M. Roperto1, Giulia Sansavini1, Aldesia Provenzano4, Sabrina R. Giglio4, Paola Romagnani1, 1Meyer Children’s Hosp, Nephrology and Dialysis Unit, Florence, Italy, 2Univ Florence, Dept Biomedical Experimental and Clinical Sciences Mario Serio, Florence, Italy, 3Fondazione Maugeri, Endocrinology and Medical Oncology Unit, Pavia, Italy, 4Meyer Children’s Hosp, Medical Genetics, Florence, Italy.

FO058
ENDOPLASMIC RETICULUM STRESS-UNFOLDING PROTEIN RESPONSE-APOPTOSIS CASCADE CAUSES PODOCYTE INJURY IN CRISPR/CAS9 TECHNOLOGY MODIFIED COL4A3 KNOCKOUT MOUSE PODOCYTE LINE AND A NEW COL4A3 KNOCKOUT MOUSE MODEL

Huidi Zhang, Jianni Huang, Yunzi Liu, Hong Ren, Jingyuan Xie, Nan Chen, Dept Nephrology, Ruijin Hosp, Dept Nephrology, Shanghai, China.

FO059
PRESENTATION AND CLINICAL OUTCOMES OF DGKE MEDIATED RENAL DISEASE.

Gurinder Kumar1, Vicky Brocklebank2, David Kavanagh2, 1Sheikh Khalifa Medical City, Paediatric Nephrology, Abu Dhabi, United Arab Emirates, 2National Renal Complement Therapeutics Centre, Nephrology, NewCastle upon Tyne, UK.

FO060
A NEW TREATMENT OF PROTEASOME PATHWAY INTERVENTION FOR SEVERE COL4A3 MUTATION CAUSED KIDNEY DISEASE

Huidi Zhang, Jianni Huang, Yunzi Liu, Hong Ren, Jingyuan Xie, Nan Chen, Dept Nephrology, Ruijin Hosp, Dept Nephrology, Shanghai, China.
**Free Communication Session 14 + Mini Lecture**

**CKD risk and progression**

Chairs: Ivan Rychlik, Prague, Czech Republic  
Peter Stenvinkel, Stockholm, Sweden

*Mini lecture*

Inflammation as a driver of premature aging in CKD  
Peter Stenvinkel, Stockholm, Sweden

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**FREE COMMUNICATIONS**

**FO061**  
PREECLAMPSIA AND THE RISK OF RENAL DISEASE  
Jonas H. Kristensen1, Saima Basit1, Jan Wohlfahrt1, Mette B. Damholtt2, Heather Boyd1, 1Statens Seruminst, Dept Epidemiology Research, Copenhagen, Denmark, 2Rigshospitalet, Dept Nephrology, Copenhagen, Denmark.

**FO062**  
ASSOCIATION OF HYPERKALEMIA WITH CLINICAL OUTCOMES IN ADVANCED CHRONIC KIDNEY DISEASE  
Fernando Caravaca-Fontan, Julian Valladares, Adrian Romanciuc, Enrique Luna, Francisco Caravaca, Hosp Univ Infanta Cristina, Nephrology, Badajoz, Spain.

*FO063*  
RELATIVE CONTRIBUTION OF GENETIC AND ENVIRONMENTAL FACTORS TO THE ASSOCIATION BETWEEN BODY MASS INDEX AND CHRONIC KIDNEY DISEASE: A POPULATION-BASED SWEDISH TWIN STUDY  
Hong Xu1, Xu Chen1, Ralf Kuja-Halkola1, Pattrik K.E. Magnusson1, Per Svensson2, Juan Jesus Carreiro1, 1Karolinska Inst, Dept Medical Epidemiology and Biostatistics, Stockholm, Sweden, 2Karolinska Inst, Dept Medicine, Stockholm, Sweden.

*FO064*  
INTEGRATIVE BIOINFORMATICS ANALYSIS PROVIDES INSIGHT INTO THE MOLECULAR MECHANISMS OF CHRONIC KIDNEY DISEASE  
Le-Ting Zhou1, Lin-Li Lv2, Shen Qiu2, Hong Liu2, Ri-Ning Tang2, Kun-Ling Ma2, Bi-Cheng Liu2, 1Inst Nephrology, Southeast Univ, Nephrology, Nanjing, China, 2Southeast Univ School Medicine, Nephrology, Nanjing, China.

**FO065**  
ROLE OF CIRCULATING ADAM17 ACTIVITY IN CHRONIC KIDNEY DISEASE  
Vanessa Palau1, Marta Riera1, David Benito1, Xavier Duran2, José Manuel Valdivielso3, Eva Rodriguez1, Maria Angeles Betriu3, Elvira Fernández3, Julio Pascual1, Maria José Soler4, 1Hospital Mar-Inst Hospil Mar Investigacions Mèdiques, Nephrology, Barcelona, Spain, 2Hospital Mar-Inst Hospil Mar Investigacions Mèdiques, Statistics, Barcelona, Spain, 3Instit Recerca Biomèdica Lleida, Research Lab, Lleida, Spain, 4Hospital Mar-Inst Hospil Mar d’Investigacions Mèdiques, Nephrology, Inst Carlos III. P14/00557, FEDER., Barcelona, Spain.

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**Free Communication Session 15 + Mini Lecture**

**AKI clinical 1**

Chairs: Alexandre Hertig, Paris, France  
Michael Joannidis, Innsbruck, Austria

*Mini lecture*

CI-AKI: are the contrast agents really harmful?  
Jolanta Malyszko, Warsaw, Poland

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**FREE COMMUNICATIONS**

**FO066**  
SERUM CYSTATIN C AN ACCURATE EARLY KIDNEY FUNCTION MARKER IN INTENSIVE CARE UNIT SETTING  
Pedro Campos1, Fernando Pereira1, Liliana Cunha1, Iola Pinto2, Ana Luisa Papoila3, Karina Soto1, 1Hospital Fernando Fonseca, Nephrology, Lisbon, Portugal, 2ISEL, Matematica e Aplicacoes, Lisbon, Portugal, 3FCM-Nova Medical School, Biostatistic, Lisbon, Portugal.

**FO067**  
ACUTE KIDNEY INJURY AND 1-YEAR MORTALITY AFTER COLORECTAL CANCER SURGERY: A POPULATION-BASED COHORT STUDY  
Charlotte Slagelse1, Henrik Gammelager1,2, Lene H. Iversen3, Henrik T. Soerensen1, Christian F. Christiansen1, 1Aarhus Univ Hosp, Epidemiology, Aarhus N, Denmark, 2Aarhus Univ Hosp, Anesthesiology and Intensive Care Medicine, Aarhus N, Denmark, 3Aarhus Univ Hosp, Section Coloproctology, Aarhus N, Denmark.

**FO068**  
KIDNEY FAILURE AFTER AKI AMONG PEOPLE UNDER NEPHROLOGY CLINIC CARE: A PROVINCEWIDE COHORT STUDY  
Simon Sawhney1, Monica Beaulieu2, Cori Black1, Ognjenka Djurdjev2, Gabriella Espino2, Angharad Marks1, David Mclernon1, Zainab Sheriff2, Adeera Levin2, 1Univ Aberdeen, Div Applied Health Sciences, Aberdeen, UK, 2Univ British Columbia, Div Nephrology, Vancouver, BC, Canada.

**FO069**  
RISK AND PROGNOSIS OF ACUTE KIDNEY INJURY IN BISPHOSPHONATE USERS UNDERGOING HIP FRACTURE SURGERY  
Christian F. Christiansen, Nisha Shetty, Uffe Heide-Jørgensen, Henrik Toft Sørensen, Vera Ehrenstein, Alma B. Pedersen, Aarhus Univ Hosp, Dept Clinical Epidemiology, Aarhus N, Denmark.

**FO070**  
EFFECCTS OF ORAL PENTOXIFYLLINE ON REDUCING ACUTE KIDNEY INJURY INFLAMMATION AND OXIDATIVE STRESS AFTER CARDIAC SURGERY  
Nooshin Dalili, Shahid Beheshti Univ Medical Science, Nephrology, Tehran, Iran.  
FEDER., Barcelona, Spain.
Posters

POSTER SESSION
Poster Area
09:30 - 10:45
16:30 - 17:00

Acid-base, nephrolithiasis and uric acid ................................................................. FP002-FP010
Renal development and cystic diseases ................................................................. FP040-FP067A
Renal pathology. Experimental and clinical ........................................................ FP068-FP100
Clinical nephrology 1 ....................................................................................... FP101-FP153
Glomerulonephritis 1 ....................................................................................... FP154-FP203
AKI. Experimental ............................................................................................. FP204-FP240
AKI. Clinical. Epidemiology and outcome ......................................................... FP241-FP271
CKD. Lab methods, GFR measurement, urine proteomics ................................. FP272-FP292
CKD. Pathophysiology, progression and risk factors ......................................... FP293-FP334
CKD. Clinical epidemiology 1 .......................................................................... FP335-FP373A
CKD. Bone disease .......................................................................................... FP374-FP406
Diabetes. Basic research ................................................................................... FP407-FP433
Extracorporeal dialysis: techniques and adequacy .......................................... FP434-FP466
Peritoneal dialysis ............................................................................................. FP467-FP509
Dialysis. Cardiovascular complications ......................................................... FP510-FP554
Dialysis. Vascular access 1 ............................................................................... FP555-FP583
Dialysis. Bone disease ...................................................................................... FP584-FP627B
Dialysis. Epidemiology and outcome 1 ............................................................ FP628-FP667
Dialysis. Health services research ................................................................... FP668-FP690
Renal transplantation. Experimental, immune-tolerance of allogenic and xenogenic transplants ............................................................... FP691-FP702
Renal transplantation. Epidemiology and outcome ........................................ FP704-FP750
Paediatric nephrology ..................................................................................... FP751-FP800
Late breaking clinical trials ............................................................................ FP801-FP806
ACID-BASE, NEPHROLITHIASIS AND URIC ACID

FP001
INCREASED RENAL ABUNDANCE OF CARBONIC ANHYDRASE (CA) 4 IN MEGALIN DEFICIENCY
Anne Brobsal-Ravnborg, Kathrin Weyer, Erik I. Christensen, Rikke Nielsen, Aarhus Univ, Biomedicine, Aarhus, Denmark.

FP002
ANALYSIS OF PROGNOSTIC FACTORS FOR SURVIVAL IN A LARGE COHORT OF ETHYLENE GLYCOL INTOXICATION CASES
Gabriela Grigorasi1, Ionut Nistor2,3, Mihaela Corlade-Andre1, Dimitrie Sinopoi2, Carmen Diana Cimpanoi1,4, Adrian Covici2, 1Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Emergency Department, Iasi, Romania, 2Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Nephrology Dept, Iasi, Romania, 3DR C I Parhon Hosp, Nephrology Dept, Iasi, Romania, 4Sf Spiridon Hosp, Emergency Department, Iasi, Romania.

FP003
DIETARY PROFILE AND NUTRITIONAL STATUS OF STONE FORMERS
Fernanda G. Rodrigues, Ita P. Heilberg, Univ Federal Sao Paulo, Nephrology, Sao Paulo, Brazil.

FP004
ASYMPTOMATIC HYPERURICAEMIA ATTENUATES DOPPLER-MEASURED RENAL FUNCTION RESERVE
Scientific Center Inst Biology and Medicine, Kyiv, Ukraine.

FP005
DIFFERENCES IN PHYSIOLOGY BETWEEN STONE FORMERS
Clinical Nutrition and Dietetics, Gdańsk, Poland.

FP006
RENALE PRESENTATION OF PRIMARY SJOGREN’S SYNDROME: HYPOKALEMIC PARALYSIS WITH TYPE 1 DIURETIC RENAL TUBULAR ACIDOSIS
Demy Medical Sciences, Nephrology and Dialysis, Kyiv, Ukraine, 2Taras Shevchenko National Univ, Educational and Research Medical Complex, Kyiv, Ukraine.

FP007
INCREASED RENAL ABUNDANCY OF CARBONIC ANHYDRASE (CA) 4 IN MEGALIN DEFICIENCY
Aarhus Univ, Biomedicine, Aarhus, Denmark.

FP008
HYPEROXALURIA-ASSOCIATED ALTERATIONS OF THE INTESTINAL COLONIZATION RESISTANCE IN PATIENTS WITH RECURRENT PYELONEPHRITIS
Wojciech Wolniec1, Wojciech Ratkowski2, Katarzyna Kasprzak2, Aleksandra Puch-Walczak4, Łukasz Wierucki4, Ewa Aleksandrowicz-Wrona5, Sylwia Malgorzewicz2, Tomasz Zdrojewski4, Marcin Rekne1, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, Poland, 2Gdansk Medical Univ Physical Education and Sport, Dept Athletics, Gdansk, Poland, 3Gdansk Medical Univ Gdansk, Poland, 4Gdansk Medical Univ, Dept Preventive Medicine & Education, Gdansk, Poland, 5Gdansk Medical Univ, Dept Clinical Nutrition and Dietetics, Gdansk, Poland.

FP009
DIFFERENCES IN PHYSIOLOGY BETWEEN STONE FORMERS

FP010
DIETARY PROFILE AND NUTRITIONAL STATUS OF STONE FORMERS
Fernanda G. Rodrigues, Ila P. Helberg, Univ Federal Sao Paulo, Nephrology, Sao Paulo, Brazil.

FP011
INCREASED RENAL ABUNDANCE OF CARBONIC ANHYDRASE (CA) 4 IN MEGALIN DEFICIENCY
Anne Brobsal-Ravnborg, Kathrin Weyer, Erik I. Christensen, Rikke Nielsen, Aarhus Univ, Biomedicine, Aarhus, Denmark.

FP012
ANALYSIS OF PROGNOSTIC FACTORS FOR SURVIVAL IN A LARGE COHORT OF ETHYLENE GLYCOL INTOXICATION CASES
Gabriela Grigorasi1, Ionut Nistor2,3, Mihaela Corlade-Andre1, Dimitrie Sinopoi2, Carmen Diana Cimpanoi1,4, Adrian Covici2, 1Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Emergency Department, Iasi, Romania, 2Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Nephrology Dept, Iasi, Romania, 3DR C I Parhon Hosp, Nephrology Dept, Iasi, Romania, 4Sf Spiridon Hosp, Emergency Department, Iasi, Romania.

FP013
HYPEROXALURIA-ASSOCIATED ALTERATIONS OF THE INTESTINAL COLONIZATION RESISTANCE IN PATIENTS WITH RECURRENT PYELONEPHRITIS
Wojciech Wolniec1, Wojciech Ratkowski2, Katarzyna Kasprzak2, Aleksandra Puch-Walczak4, Łukasz Wierucki4, Ewa Aleksandrowicz-Wrona5, Sylwia Malgorzewicz2, Tomasz Zdrojewski4, Marcin Rekne1, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, Poland, 2Gdansk Medical Univ Physical Education and Sport, Dept Athletics, Gdansk, Poland, 3Gdansk Medical Univ Gdansk, Poland, 4Gdansk Medical Univ, Dept Preventive Medicine & Education, Gdansk, Poland, 5Gdansk Medical Univ, Dept Clinical Nutrition and Dietetics, Gdansk, Poland.

FP014
HYPEROXALURIA-ASSOCIATED ALTERATIONS OF THE INTESTINAL COLONIZATION RESISTANCE IN PATIENTS WITH RECURRENT PYELONEPHRITIS
Wojciech Wolniec1, Wojciech Ratkowski2, Katarzyna Kasprzak2, Aleksandra Puch-Walczak4, Łukasz Wierucki4, Ewa Aleksandrowicz-Wrona5, Sylwia Malgorzewicz2, Tomasz Zdrojewski4, Marcin Rekne1, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, Poland, 2Gdansk Medical Univ Physical Education and Sport, Dept Athletics, Gdansk, Poland, 3Gdansk Medical Univ Gdansk, Poland, 4Gdansk Medical Univ, Dept Preventive Medicine & Education, Gdansk, Poland, 5Gdansk Medical Univ, Dept Clinical Nutrition and Dietetics, Gdansk, Poland.

FP015
DIFFERENCES IN PHYSIOLOGY BETWEEN STONE FORMERS
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FP016
RENALE PRESENTATION OF PRIMARY SJOGREN’S SYNDROME: HYPOKALEMIC PARALYSIS WITH TYPE 1 DIURETIC RENAL TUBULAR ACIDOSIS
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FP017
HYPEROXALURIA-ASSOCIATED ALTERATIONS OF THE INTESTINAL COLONIZATION RESISTANCE IN PATIENTS WITH RECURRENT PYELONEPHRITIS
Wojciech Wolniec1, Wojciech Ratkowski2, Katarzyna Kasprzak2, Aleksandra Puch-Walczak4, Łukasz Wierucki4, Ewa Aleksandrowicz-Wrona5, Sylwia Malgorzewicz2, Tomasz Zdrojewski4, Marcin Rekne1, 1Medical Univ Gdansk, Dept Occupational, Metabolic and Internal Diseases, Gdansk, Poland, 2Gdansk Medical Univ Physical Education and Sport, Dept Athletics, Gdansk, Poland, 3Gdansk Medical Univ Gdansk, Poland, 4Gdansk Medical Univ, Dept Preventive Medicine & Education, Gdansk, Poland, 5Gdansk Medical Univ, Dept Clinical Nutrition and Dietetics, Gdansk, Poland.

FP018
INCREASED RENAL ABUNDANCE OF CARBONIC ANHYDRASE (CA) 4 IN MEGALIN DEFICIENCY
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FP019
ANALYSIS OF PROGNOSTIC FACTORS FOR SURVIVAL IN A LARGE COHORT OF ETHYLENE GLYCOL INTOXICATION CASES
Gabriela Grigorasi1, Ionut Nistor2,3, Mihaela Corlade-Andre1, Dimitrie Sinopoi2, Carmen Diana Cimpanoi1,4, Adrian Covici2, 1Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Emergency Department, Iasi, Romania, 2Fac Medicine, Univ Medicine and Pharmacy Gr. T. Popa, Iasi, Nephrology Dept, Iasi, Romania, 3DR C I Parhon Hosp, Nephrology Dept, Iasi, Romania, 4Sf Spiridon Hosp, Emergency Department, Iasi, Romania.

FP020
DIETARY PROFILE AND NUTRITIONAL STATUS OF STONE FORMERS
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FP021
RENAL KNOCKOUT OF THE NEONATAL FC RECEPTOR (FCRN) IS NOT ASSOCIATED WITH CHANGES IN ALBUMIN METABOLISM
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FP022
THE REGULATION OF ADIPONECTIN AND ITS RECEPTOR IN SKELETAL MUSCLE AND VISCERAL FAT IN PATIENTS WITH CKD: A ROLE IN MAINTAINING THE ANTI-INFLAMMATORY HOMEOSTATIS.
Samantha Markel1, Michelle Saio1, Daniela Picciotto1, Ezio Gianetti2, Giuliano Brunori3, Chiara Venturilli3, Giacomo Garbottino1, Daniela Verzola1, 1Univ Genova, Dept Internal Medicine, Genova, Italy, 2Univ Genova, DISC, Genova, Italy, 3Nephrology, Aarhus Univ Hosp, Aarhus, Denmark.

FP023
ADAPTATION TO POTASSIUM LOADING IN CULTURED ADOLOSTEROSE CReATING Cells.
Martin Egfljer1, Rasmus Dreier2, Lasse Steen Rav1, Jacob Hofman-Bang1, 1Rigshospitalet, Nephrology, Copenhagen, Denmark, 2Glostrup Hosp, Medicine, Copenhagen, Denmark.

FP024
THE REGULATION OF XYL1, THE ENZYME INITIATING GLYCOSAMINOLYCAN SYNTHESIS: AN IN VITRO STUDY WITH HUMAN IMMORTALIZED FIBROBLASTS WITH INTEGRATED REPORTER PLASMID
Marlena Morhard, Michael Fischereder, Peter J. Nelson, Carsten Jäckel, Klinikum der Ludwig Maximilians Universität, Medizinische Klinik und Poliklinik IV, Renal Div, Munich, Germany.

FP025
THE ROLE OF LONG NON-CODING RNAs IN THE REGULATION OF ADULT RENAL STEM/PROGENITOR CELLS (ARPCS) FUNCTIONS
S. Simone1, G. De Palma1, A. Sta1, C. Curo1, R. Franzon1, M. Accetturo1, M. Rutigliano2, G. lucarelli2, M. Battaglia2, A. Galiano3, G. Grandaliano4, G. Castellano1, L. Gesualdo1, Giovanni Peresolo1, F. Sallustio3, 1Univ Bari, Andrology and Kidney Transplantation Unit, DETO, Bari, Italy, 2Univ Bari, SMBNOS, Bari, Italy, 3Univ Foggia, Medical and Surgical Sciences, Bari, Italy.

FP026
MIR-30 FAMILY REGULATES LMX1B-FOXC MOTIF TRANSCRIPTIONAL ACTIVITY BY TARGETING HDAc4/5/9 IN POCOCyTES
Qing Hou, Ling Wang, Yue Lang, Xiao-hong Zeng, Wei-song Qin, Zhao-hong Chen, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, China.

FP027
HDAC6 DIRECTS PROGENITOR-TO-PODOCYTE TRANSITION DURING PRONEPHRO DEVELOPMENT
Zhi Li, Ling Hou, Zhao-hong Chen, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jinling Hosp, Nanjing Univ School Medicine, Nanjing, China.

FP028
MICROECOLOGICAL DYSBIOSIS OF GUT MICROBIOTA CONTRIBUTES TO DIABETIC NEPHROPATHY VIA ACTIVATING INTRARENAL RENIN ANGIOTENSIN SYSTEM
Chen Chen Lu, Kun Ling Ma, Ze Bo Hu, Yang Zhang, Gui Hua Wang, Jian Lu, Pei Pei Chen, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Renal Dept, Nan Jing City, China.

FP029
INDOXYL SULFATE INDUCES FIBROSIS AND INFLAMMATION BY UNREGULATING HEAT SHOCK PROTEIN 90 (HSP 90) IN RENAL FIBROBLASTS
Michelle Saio1, Daniela Verzola1, Samantha Milanesi1, Chiara Barisone1, Silvano Garbaldi1, Annalisa Carta1, Daniela Picciotto1, Francesca Costigliolo1, Francesca Viazzi2, Giacomo Garbottino2, 1Univ Genova, DISC, Genova, Italy, 2Univ Genova, Polincinico San Martino, DISC, Genova, Italy.

FP030
METFORMIN MODULATES THE EFFECTS OF VASOPRESSIN AND OSMOLALITY ON AQ2 TRAFFICKING
Hiroki Mizumura, Tomoki Matsumoto, Masaki Sakai, Sei Sasaki, Kenichi Ishibashi, Meiji Pharmaceutical Univ, Pathophysiology, Tokyo, Japan.

FP031
COLLECTING DUCT CELL SPECIFIC MITOCHONDRIAL DYSFUNCTION AGGRAVATES THE INFLAMMATION AND FIBROSIS IN ULO MICE.
Jin Young Jeong1, Dae Eun Choi2, Yoon-Kyung Chang3,4, Hyunsu Choi5, Young Rok Ham, Sun Yat-sen Med Coll, 1Dept Biopharmacy, Lublin, Poland, 2Medical Univ Lublin, Dept Experimental and Clinical Pharmacology, Lublin, Poland, 3Medical Univ Lublin, Dept Biopharmacy, Lublin, Poland.

FP032
THE INFLUENCE OF CANDESARTAN ON KYNURENIC ACID PRODUCTION IN RAT KIDNEY IN VITRO
Izabela Zakrocka1, Katazyna M. Tangowska-Duda2, Artur Wnorowski2, Tomasz Kocka1, Krzysztof Jobkow2, Waldemar A. Turski1, 1Medical Univ Lublin, Dept Experimental and Clinical Pharmacology, Lublin, Poland, 2Medical Univ Lublin, Dept Experimental and Clinical Pharmacology, Lublin, Poland.

FP033
INHIBITION OF YES-ASSOCIATED PROTEIN ATTENUATES TNF-ALPHA-INDUCED INJURY IN RAT PROXIMAL TUBULAR CELLS
Seong Kwon Ma, Soo Yeon Joo, In Jin Kim, Hong Sang Choi, Ha Yeon Kim, Chang Seong Kim, Eun Hui Bae, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, Korea.

FP034
INHIBITION OF INFAMMATORY HUMAN行ったリガミンの在来系ラット腎臓細胞への作用
S. Simone1, G. Grandaliano4, G. Castellano1, L. Gesualdo1, Giovanni Peresolo1, F. Sallustio3, 1Univ Bari, Andrology and Kidney Transplantation Unit, DETO, Bari, Italy, 2Univ Bari, SMBNOS, Bari, Italy, 3Univ Foggia, Medical and Surgical Sciences, Bari, Italy.

FP035
THE REGULATION OF XYLT1, THE ENZYME INITIATING GLYCOSAMINOGLYCAN SYNTHESIS: AN IN VITRO STUDY WITH HUMAN IMMORTALIZED FIBROBLASTS WITH INTEGRATED REPORTER PLASMID
Marlena Morhard, Michael Fischereder, Peter J. Nelson, Carsten Jäckel, Klinikum der Ludwig Maximilians Universität, Medizinische Klinik und Poliklinik IV, Renal Div, Munich, Germany.

FP036
INDOXYL SULFATE INDUCES FIBROSIS AND INFLAMMATION BY UNREGULATING HEAT SHOCK PROTEIN 90 (HSP 90) IN RENAL FIBROBLASTS
Michelle Saio1, Daniela Verzola1, Samantha Milanesi1, Chiara Barisone1, Silvano Garbaldi1, Annalisa Carta1, Daniela Picciotto1, Francesca Costigliolo1, Francesca Viazzi2, Giacomo Garbottino2, 1Univ Genova, DISC, Genova, Italy, 2Univ Genova, Polincinico San Martino, DISC, Genova, Italy.
FP058

LEVELS OF ENDOCAN, ANGIPOIETIN-2 AND HIF-1A IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE AND DIFFERENT LEVELS OF RENAL FUNCTION

Vasilios Raptis1,2, Charalampos Loutzidis1, Constantinios Bakogiannis3, Afroditi K. Boutou4, Mariiena Alexandrou5, Maria Scolari5, Elias Balaskas6, Pantelis A. Sarafidis1, 1Hippokration Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece, 2Hemodialysis Unit, Pieria, Katerini, Greece, 3Hippokration Hosp, Aristotle Univ Thessaloniki, 3rd Dept Cardiology, Thessaloniki, Greece, 4Papanikolaou General Hosp, Dept Nephrology, Thessaloniki, Greece, 5Section Nephrology and Hypertension, 1st Dept Medicine, AHEPA Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece, 6Section Nephrology and Hypertension, 1st Dept Medicine, AHEPA Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece.

FP059

A RETROSPECTIVE STUDY ASSESSING THE EFFECT OF HIGH WATER INTAKE ADVICE ON URINE SPECIFIC GRAVITY IN POLYCYSTIC KIDNEY DISEASE

Ragada El-Damanawi1,2, Anita Sarker3, Caroline Robinson4, Richard Sandford5, Fiona E. Karet-Franki2,5, Thomas F. Hirstma1,2, 1Cambridge Clinical Trials Unit, Cambridge Univ Hosp NHS Foundation Trust, Cambridge, UK, 2Cambridge Univ Hosp NHS Foundation Trust, Div Renal Medicine, Cambridge, UK, 3Cambridge Univ Hosp NHS Foundation Trust, Dept Clinical Biochemistry & Immunology, Cambridge, UK, 4Cambridge Univ Hosp NHS Foundation Trust, Dept Clinical Genetics, Cambridge, UK, 5Univ Cambridge, Dept Medical Genetics, Cambridge, UK.

FP060

MORNING BLOOD PRESSURE SURGE IN EARLY AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE AND ITS RELATION WITH LEFT VENTRICULAR HYPERTROPHY

Abdulmelek Yildiz1, Saim Sag2, Cuma B. Gu3, Fatma E. Can4, Ayseoglu Oncu1, Mehmet F. Aydin5, Omer Bediri6, Suat Akdog1, Yavuz Ayar1, Sumeysu Gul5, Mustafa Gul5, Alparslan Erosy1, 1Uludag Univ Medical School, Nephrology, Bursa, Turkey, 2Private Doruk Hosp, Cardiology, Bursa, Turkey, 3Bursa Yuksek Ihtisas Training and Research Hosp, Nephrology, Bursa, Turkey, 4Uludag Univ Medical School, Internal Medicine, Bursa, Turkey, 5Uludag Univ Medical School, Internal Medicine, Bursa, Turkey, 6National University Medical School, Cardiology, Bursa, Turkey.

FP061

A PROSPECTIVE STUDY OF THE EFFICACY AND ADVERSE EFFECTS OF TOLVAPTAN FOR AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD)

Hirayasu Kari1, Ryoya Tsunoda1, Tetsuya Kawamura1, Akiko Fujita1, Shuzo Kaneko1, Naoki Morito1, Joichi Usui1, Chie Saito1, Takeh Shimakuma2, Kunhiro Yamagata1, 1Univ Tsukuba, Nephrology, Tsukuba, Ibaraki, Japan, 2Mito Kyodo General Hosp, Nephrology, Mito, Ibaraki, Japan, 3Bursa Yuksek Ihtisas Training and Research Hosp, Nephrology, Bursa, Turkey, 4Uludag Univ Medical School, Nephrology, Bursa, Turkey, 5Uludag Univ Medical School, Internal Medicine, Bursa, Turkey, 6National University Medical School, Cardiology, Bursa, Turkey.

FP062

ADPKD: A NOVEL APP TO HELP IN THE DETECTION OF PATIENTS WITH RAPID PROGRESSION

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FP063

EVALUATION OF COMPLEX RENAL CYSTIC LESIONS WITH CONTRAST ENHANCED ULTRASOUND AND FUNCTIONAL MAGNETIC RESONANCE IMAGING VERSUS THE GOLD STANDARD: COMPUTER TOMOGRAPHY

Spyridon Arampatzis1, Katarina Benackova1, Suzan Dahdal1, Bernard Kiss2, Veronika Skuginna2, Fiona Burkhard2, Cuma B. Gul3, Fatma E. Can4, Ayseoglu Oncu1, Mehmet F. Aydin5, Omer Bediri6, Suat Akdog1, Yavuz Ayar1, Sumeysu Gul5, Mustafa Gul5, Alparslan Erosy1, 1Uludag Univ Medical School, Nephrology, Bursa, Turkey, 2Private Doruk Hosp, Cardiology, Bursa, Turkey, 3Bursa Yuksek Ihtisas Training and Research Hosp, Nephrology, Bursa, Turkey, 4Uludag Univ Medical School, Internal Medicine, Bursa, Turkey, 5Uludag Univ Medical School, Internal Medicine, Bursa, Turkey, 6National University Medical School, Cardiology, Bursa, Turkey.

FP064

ASSOCIATION BETWEEN POLYCYSTIC LIVER CYST AND KIDNEY CYST IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE

Hiroti Mizuno, Junichi Hoshino, Yoshihumi Ubara, Masahiko Oguro, Akinari Sekine, Keichi Sumida, Masahiro Kawada, Masayuki Yamanouchi, Noriko Hayami, Rikako Hiramatsu, Eiko Hasegawa, Tatsuya Suwabe, Naoki Sawa, Kenmei Takaichi, Toranomon Hosp, Nephrology Center, Tokyo, Japan.

FP065

NO RELATIONSHIP BETWEEN TOTAL KIDNEY VOLUME CLASS OR GENOTYPE AND 24H BLOOD PRESSURE CONTROL IN ADULT ADPKD PATIENTS

Lisa Schott1, Hannes Devos2, Amelie Tonnelle3, Mandelina Allamani3, Patricia Van der Niepen1, 3Vrije Univ Brussel (VUB), Fac Medicine and Pharmacy, Brussels, Belgium, 2Univ Ziekenhuis Brussel, Radiology Dept, Brussel, Belgium, 3Univ Ziekenhuis Brussel, Nephrology & Hypertension, Brussel, Belgium.
RENAL PATHOLOGY. EXPERIMENTAL AND CLINICAL 1

FP068
ENDOPLASMIC RETICULUM PROTEIN TXNDC5 CONTRIBUTES TO RENAL FIBROGENESIS IN CHRONIC KIDNEY DISEASE

Yen-Ting Chen, Pei-Yu Jhao, Shuei-Liong Lin2,3, Chen-Ting Hung1, Kai-Chien Yang1,3, 1Graduate Institute of Medical Sciences, National Taiwan Univ College Medicine, Taipei City, Taiwan, 2Graduate Institute of Physiology, National Taiwan Univ College Medicine, Taipei City, Taiwan, 3Graduate Institute of Biochemistry and Molecular Biology, National Taiwan Univ College Medicine, Taipei City, Taiwan.

FP069
ROLE OF SOLUBLE FORM AND EXTRACELLULAR VESICLE (EV)-CARRIED CD40LIGAND (CD40L) AS BIOMARKER OF DISEASE ACTIVITY AND AS MEDIATOR OF MICROVASCULAR ENDOTHELIAL INJURY IN CRITICALLY ILL PATIENTS WITH ACUTE KIDNEY INJURY (AKI) AND IN END STAGE RENAL DISEASE (ESRD) PATIENTS

Laura Marchese1, Marco Mecollari2, Filippo Bocci1, Gabriele Mariani1,2, Davide Medica1,2, Claudio Roncoroni1, Vincenzo Carluccio3, 1A1SLCN1, Nephrology and Dialysis, Dip Medico, Cuneo, Italy, 2Nephrology and Nephrology, University of Biella, Biella, Italy, 3Nephrology and Transplant Surgery, S. Maria della Misericordia, Udine, Italy.

FP070
HUMAN PARIETAL EPITHELIAL CELLS EXPRESS TUBULAR PROTEIN UPTAKE SYSTEM IN VIVO

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FP071
SAFETY AND EFFICACY OF SODIUM ZIRCONIUM CYCLOSILICATE FOR LONG-TERM TREATMENT OF HYPERKALAEMIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE: RESULTS FROM AN OPEN-LABEL, PHASE 3 STUDY

Simon Roper1, Lachlan Jackson2,3, Stefàn Egea2,3, John Cameron4, Franca Anglani1,5, Simon D'Alessandro6, Vincenzo Carluccio3, Vincenzo Cantaluppi3, 1A1SLCN1, Nephrology and Dialysis, Dip Medico, Cuneo, Italy, 2Nephrology and Nephrology, University of Biella, Biella, Italy, 3Nephrology and Transplant Surgery, S. Maria della Misericordia, Udine, Italy, 4Biomedical Research Group, University of Oxford, Oxford, UK, 5Institute of Clinical Sciences, Novara, Italy, 6Nephrology, University of Padua, Padua, Italy.

FP072
SHEAR WAVE ELASTOGRAPHY TO ASSESS INTERSTITIAL FIBROSIS IN IMMUNOGLOBULIN A NEPHROPATHY PATIENTS

Kenan Tunatpala1, Yıksel Balco1, İclal Gürses1, Simge Bardak1, İler Helvaci1, Ersan Dıvanalı1, Serap Demir1, Ahmet Kykok1, 1Mersin Univ Education and Training Hosp, Mersin, Turkey, 2Mersin Univ Education and Training Hosp, Mersin, Turkey, 3Mersin Univ Education and Training Hosp, Depts of Medicine, Mersin, Turkey.

FP073
PROGNOSTIC SIGNIFICANCE OF RENAL BIOPSY IN ADULT ONSET MINIMAL CHANGE DISEASE

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FP074
RECOMBINANT HUMAN SOLUBLE THROMBOMODULIN ATTENUATES ANTI-GLOMERULAR BASEMENT MEMBRANE (GBM) GLOMERULONEPHRITIS IN WISTAR-KYOTO RATS THROUGH ANTINFLAMMATORY EFFECTS

Masayuki Iyoda, Kei Matsumoto, Yukihiro Wada, Taihei Suzuki, Ken Iseri, Shohei Tachibana, Nobuhiro Kanazawa, Takanori Shibata, Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, Japan.

FP075
THE HISTOPATHOLOGIC SIGNIFICANCE OF THE RENAL RESISTIVE INDEX

Gabriel Stefan1,2, Simona Stanca1,2, Alexandru-Anton Satbo2, Adrian Zugrav1,2, Gabriel Mircescu1,2, 1Dr Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, Romania, 2Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, Romania.

FP076
ATYPICAL HEMOLYTIC UREMIC SYNDROME - WHY THE KIDNEY?

Olivia May1, Nicolas Merlet2, Anne Grunenwald3, Viviane Gremmni3, Tania Robe-Rytbye2, Marc Hazzan1, Jordan D. Dimitrov4, Veronica Fremaux-Bacchi2, Lukia T. Roumenina2, Marie Frimat1, 1Univ Lille, CHU Lille, Nephrology Dept, Lille, France, 2INSERM, UMR_S 1138, Centre Recherche Cordeliers, Complement and diseases team, Lille, France, 3Univ Lille, INSERM, CHU Lille, Dept pathology, UMR-S 1172 - Jean-Pierre Aubert Research Center, Lille, France, 4INSERM, UMR_S 1138, Centre Recherche Cordeliers, Immunopathology and Immunointervention team, Paris, France.

FP077
THE CYTOMEGALOVIRUS PROTEIN US31 INDUCES INFLAMMATION THROUGH MONO-MACROPHAGES IN SYSTEMIC LUPUS ERYTHEMATOSUS BY PROMOTING NF-B2 ACTIVATION

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FP078
LONG-TERM EFFECTS AND OUTCOME OF IDEOPATHIC RETROPORTERIONAL FIBROSIS MANAGEMENT

Diego Moriconi, Domenico Giannese, Riccardo Capocci, Simone Barrotti, Teresa Lucchese, Antonio Gaetano Tavoni, Maria Francesca Egidii, Pisa, Univ and Clinical and Experimental Medicine, Pisa, Italy.

FP079
INHIBITION OF PROLYL HYDOXYLASE DOMAIN MAY SUPPRESS MACROPHAGE INFILTRATION AND CARDIAC FIBROSIS IN THE CHRONIC KIDNEY DISEASE RAT MODEL WITH CARDIOMYOPATHY

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FP080
THE NONCANONICAL NOTCH LIGAND DLK1 REGULATES RENAL INFLAMMATION

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FP081
NEW INSIGHTS INTO THE MECHANISMS OF COMPLEMENT-MEDIATED ENDOTHELIAL CELL INJURY

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FP082
COMPLEMENT-MEDIATED BACTERIAL ACTIVITY AGAINST ESCHERICHA COLI AND NEISSERIA MENINGITIDIS

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FP083
HISTOLOGICAL CHARACTERISTICS OF NON-DIABETIC RENAL DISEASE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

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FP084
PODOCYTE-EXPRESSED STATS CONFERS PROTECTION DURING EXPERIMENTAL GLOMERULONEPHRITIS AND ADRIAMYCIN NEPHROPATHY IN MICE

Kevin Louis1, Assata Niass1, Anthony Corchial1, Sandrine Placier1, Sophie Vandermeersch1, Yi-Chun Xu-Duboix1, Eric Rondeau2, Laurent Mesmard2, Yousu Luque2, 1Inserm, Sorbonne Univ, UMR_S1155, Paris, France, 2Assistance Publique – Hôp Paris, UMR_S1155, Inserm, Sorbonne Univ, Urgences Néphrologiques et Transplantation rénale, Hôp Tenon, Paris, France.

FP085
ANGIOTENSIN II TRIGGERS PODOCYTE APOPTOSIS BY THE INHIBITION OF CD2AP AND AMPK

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TUBULAR ECTASIA IN RENAL ALLOGRAFT BIOPSIES ASSOCIATES WITH UROLOGICAL OBSTRUCTIVE COMPLICATIONS AFTER KIDNEY TRANSPLANTATION
Manja Bojc1, Nicolas Kozakovskij2, Christian Seidt3, Zeljko Kikic1, 1Medical Univ Vienna, Medicine III, Nephrology and Dialysis, Vienna, Austria, 2Medical Univ Vienna, Dept Pathology, Vienna, Austria, 3Medical Univ Vienna, Dept Urology, Vienna, Austria.

FP087
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FP088
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FP089
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Rik Menke1, Jakob Voelk2, Geert Harms1, Marian Bulhuis1, Anja T. Umbach2, Harry van Goor1, Florian Lang2, Jan-Luuk Hillebrands1, 1Univ Medical Center Groningen, Dept Pathology and Medical Biology, Groningen, Netherlands, 2Univ Tübingen, Dept Physiology, Tübingen, Germany.

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Jian Lu1, Kun Ling Ma2, Yang Zhang1, Gui Hua Wang1, Ze Bo Hu1, Pei Pei Chen1, Chen Chen Lu1, Bi Cheng Liu1, 1Inst Nephrology, Southeast Univ, Renal Dept, Nanjing City, China, 2Inst Nephrology, Renal Dept, Nanjing City, China.

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Domonkos Pap1, Agor Veres-Székely2, Rita Lippai2, Réka Rokonay2, István Mártón Takács2, Ela Sziszé1, Andrea Fekete3, György Reuss2, Attila J. Szabó1, Ádám Vannay1, 1MTA-SE, Pediatrics and Nephrology Research Group, Budapest, Hungary, 2Semmelweis Univ, 1st Dept Paediatrics, Budapest, Hungary, 3MTA-SE, Lendület Diabetes Research Group, Budapest, Hungary.

FP093
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Toshiaki Usui1, Naoki Morito1, Michito Hamada2, Keigyou Yoh2, Joichi Usui1, Satoru Takahashi2, Kunihiro Yamagata1, Toshiaki Usui1, Naoki Morito1, Michito Hamada2, Keigyou Yoh2, Joichi Usui1, Satoru Takahashi2, Kunihiro Yamagata1, 1Univ Tsukuba, Nephrology, Tsukuba, Japan, 2Univ Tsukuba, Anatomy and Embryology, Tsukuba, Japan.

FP094
ESTIMATED GLOMERULAR FILTRATION RATE: DO WE MEASURE THE REAL RENAL FUNCTION OR ARE WE STILL GROPING IN THE DARK?
FrancoSco TREVISANI1, Umberto Capitano1, Alessandro Larcher1, Lina Bu1, Fabio Benigni1, Fabio Muttin1, Alberto Brigant1, Arianna Bettiga2, Riccardo Vago1, 1IRCCS San Raffaele Scientific Inst, Dept Nephrology, Milan, Italy, 2IRCCS San Raffaele Scientific Inst, Dept Nuclear Medicine, Milan, Italy, 3IRCCS San Raffaele Scientific Inst, Dept Urology, Milan, Italy, 4Univ Hosp Canary Island, Dept Nephrology, La Laguna, Tenerife, Spain.

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Pinali Mukhopadhyay, NRS Medical College, Nephrology, Kolkata, India.

FP096
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Hadia Bagherzadegan1, Shahrzad Ossareh1, Mohammad Asegh2, Mitra Mehrzam2, 1Iran Univ Medical Sciences, Internal Medicine, Nephrology, Tehran, Iran, 2Iran Univ Medical Sciences, Pathology, Tehran, Iran.

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Shiva Kalantari, Mohsen Nafar, Nasrin Boroumandnia, Shahid Beheshhti Univ Medical Sciences, Chronic Kidney Disease Research Center, Tehran, Iran.
FP120 THE ENDOTHELIAL GLYCOALXY IS DAMAGED WITH WORSENING KIDNEY DISEASE AND CORRELATES WITH MARKERS OF ENDOTHelial DYSFUNCTION
Hui Liew1,2, Lawrence F. McMahon1,2, Matthew A. Roberts1,2, 1Eastern Health Integrated Renal Service, Dept Renal Medicine, Box Hill, Australia, 2Monash Univ, Eastern Health Clinical School, Melbourne, Australia.

FP121 SERUM ADIPOCYTE FATTY ACID BINDING PROTEIN LEVEL IS POSITIVELY ASSOCIATED WITH AORTIC ARTERIAL STIFFNESS IN CHRONIC KIDNEY DISEASE PATIENTS
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FP122 WHAT ABOUT MICROCALCIFICATIONS OBSERVED ON KIDNEY BIOPSIES? A RESTROSPECTIVE CLINICO-PATHOLOGICAL STUDY OF 155 CASES.
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FP123 CRYOGLOBULIN MEDIATED KIDNEY DISEASE: HCV INFECTION, HISTOLOGICAL PATTERNS, ROLE OF RITUXIMAB MONOCENTRIC REPORT.
Caterina Cerami1, Laura Maria Scicolione1, Maria Teresa Mascia2, Daniele Campioni3, Gianni Cappelli1, 1Univ Modena and Reggio Emilia, Nephrology Unit, Modena, Italy, 2Univ Modena and Reggio Emilia, Immune-Rheumatology Unit, Diagnostic and Clinical Medicine and Public Health, Modena, Italy, 3USL Modena, Dept Lab Medicine and Pathology, Modena, Italy.

FP124 SURVIVAL MODEL IN PATIENTS WITH RENAL AMYLOIDOSIS
Rosita Greco1, Danilo Lofozo2, Teresa Papalina1, Agata Mollica1, Francesco Mollica1, Renzo Bonogfio1, 1Annunziata Hosp, Dept Nephrology, Dialysis and Transplantation, Casenza, Italy, 2Annunziata Hosp, Kidney and Transplant, Research Center, Casenza, Italy.

FP125 THE EFFICACY OF FUROSEMIDE, SALT TABLETS, AND FLUID RESTRICTION FOR TREATMENT OF PATIENTS WITH SYNDROME OF INAPPROPRIATE ANTIDIURESIS: AN OPEN-LABEL, RANDOMIZED, CONTROLLED STUDY (EFFUSE-FLUID TRIAL)
Kajnhak Noppakun, Pajaree Krisanapun, Surachet Vongsanin, Div Nephrology, Dept Internal Medicine, Chiang Mai Univ, Chiang Mai, Thailand.

FP126 MATERNAL, OBSTETRIC AND FETAL OUTCOMES IN CKD PREGNANT WOMAN - 7 YEARS EXPERIENCE OF Arenal Pregnancy Clinic At Lisbon
Estela L. Nogueira1, Iolanda Godinho1, Joana Dias1, Inês Martins2, Mónica Centenio2, Luisa Pinto2, 1Centro Hosp Lisboa Norte, Nephrology and Renal Transplantation, Lisbon, Portugal, 2Centro Hosp Lisboa Norte, Obstetric and Gynecology Dept, Lisbon, Portugal.

FP127 RITUXIMAB IN RELAPSING AND DE NOVO MPO ANCA ASSOCIATED VASCULITIS IN PATIENTS WITH SEVERE RENAL INVOLVEMENT: A CASE SERIES
Leonardo Carotti, Lino Cirami, Lorenzo Di Maria, Aida Larti, Giuseppe Cestone, Federica Curni, Luigi Cirillo, Egina Dervishi, Enrico Eugenio Minetti, AOU Careggi, Nephrology, Florence, Italy.

FP128 ADHERENCE TO TREATMENT IN PATIENTS WITH CKD
Adelya Maksudova, Elina Borhanova, Kazan State Medical Univ, Internal medicine, Kazan, Russia.

FP129 NEUROLYMPHOCYTIC SYNDROME OF THE LUNG: DIAGNOSIS, MANAGEMENT AND OUTCOMES
Elena Saganova, Olga Galkina, Vasiliy Sipovskii, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Internal Medicine, Saint Petersburg, Russia.

FP130 A RANDOMIZED CONTROLLED TRIAL OF THE DIRECT REINH INHIBITOR ALISKIREN IN NON-DBIETIC CKD
Susan J. Bech, David A. Warady, Dennis J. Williams, Tony Jordan, Magdalena Wicinski, encuentro, and the Canadian Endocrine Health Research Network.

FP131 USE OF ISONIAZID IN PATIENTS WITH ACTIVE TUBERCULOSIS AND RENAL DISEASE: RESULTS OF A PROSPECTIVE, OBSERVATIONAL STUDY
Kyu Hyang Cho, Seok Hui Kang, Jong Won Park, Jun Young Do, Yeungnam Univ Hosp, Internal Medicine, Daegu, Korea.

FP132 THROMBOEMBOLIC EVENTS IN CHINESE PATIENTS WITH PRIMARY MEMBRANOUS NEPHROPATHY
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FP133 DISTURBANCES OF T CELL POPULATIONS, CD4CD8NULL, NATURAL KILLER CELLS AND TREGS IN CHRONIC KIDNEY DISEASE
Erasima Sampam1, Maria Stangou1, Dimitra-Vasilia Daikidou1, Despoina Asouhidou2, Vasili Nikolidou2, Chryssostomos Dimitriadis1, Panagiotis Giamalis1, Konstantinos Bantis1, Asimina Fylaktou2, Akaterini Papagianni1, Aristotele Univ Thessaloniki, Hippokration Hosp, Dept Nephrology, Thessaloniki, Greece, 2National Peripheral Histocompatibility Center, Dept Immunology, Thessaloniki, Greece.

FP134 MARKERS OF THE ENDOTHELIAL GLYCOALXY AND ENDOThelial DYSFUNCTION ARE IMPROVED AFTER RENAL TRANSPLANTATION
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FP135 HUNGRY BONE SYNDROME FOLLOWING PARATHYOIREDOCYMESIS IN PATIENTS WITH END STAGE RENAL FAILURE
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FP136 MULTI-MARKER APPROACH FOR PREDICTION OF MORPHOLOGICAL LESIONS IN PATIENTS WITH GLOMERULAR NEPHRITIS
Elena Sagana, Olga Galkina, Vasily Sipovskii, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Research Inst Nephrology, Saint-Petersburg, Russian Federation.

FP137 HEMOSTATIC EFFECT OF TRANEXAMIC ACID PLUS CARBACOLOURCHODIUM SODIUM SULFONATE IS NOT SUPERIOR TO THAT OF TRANEXAMIC ACID ALONE AFTER RENAL BIOPSY
Kazuya Takasawa1, Chihako Takeda1, Tomoaki Hnamoto1, Yumi Murase2, Ayumi Takagi3, Miyuki Tani4, Norihi Ueda5, 1Public Central Hosp Mito Ishikawa, Renal Div, Hukusyo Hosp, Japan, 2Public Central Hosp Mito Ishikawa, Dept Nursing, Hukusyo Hosp, Japan, 3Public Central Hosp Mito Ishikawa, Dept Reproductive Medicine, Hukusyo Hosp, Japan, 4Public Central Hosp Mito Ishikawa, Medical Secretary, Hukusyo Hosp, Japan, 5Public Central Hosp Mito Ishikawa, Dept Pediatrics, Hukusyo Hosp, Japan.

FP138 NONALCOHOLIC FATTY LIVER DISEASE IS ASSOCIATED WITH LOW GRADE ALBUMINURIA IN NONDIABETIC MEN: Ku-Yun Hyang Cho, Seok Hui Kang, Jong Won Park, Jun Young Do, Yeungnam Univ Hosp, Internal Medicine, Daegu, Korea.

FP139 PREECLAMPSIA IN WOMEN WITH CHRONIC KIDNEY DISEASE
Elena Saganova, Olga Galkina, Vasiliy Sipovskii, Andrey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Research Inst Nephrology, Saint-Petersburg, Russian Federation.

FP140 IMPACT OF CAMPALIURINE ON MCK INHIBITION IN DIFFERENT POLYPHASIC EXPERIMENTAL MODELS
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FP140 ANALYSIS OF B LYMPHOCYTE SUBPOPULATIONS IN PRE-DIALYSIS END STAGE RENAL DISEASE PATIENTS
Dimitra-Vasilia Daidakidou1, Maria Stangou1, Erasmina Sampani1, Vasiliki Nikolaidou2, Despoina Asouchidou2, Panagiotsis Gialas1, Chrysoostomos Dimitriadis1, Konstantinos Baritsis1, Asimina Fylaktou2, Akaterini Papageorgiou1, 1Aristotle Univ Thessaloniki, Hippokration Hosp, Dept Nephrology, Thessaloniki, Greece, 2National Peripheral Histocompatibility Cen- ter, Dept Immunology, Thessaloniki, Greece.

FP141 CLINICAL APPLICATION OF PROCALCITONIN IN DIAGNOSIS OF BACTERIAL INFECTION IN HEMODIALYSIS PA-
Shun Kubo, Aki Matsukane, Masaki Iwasaki, Toshishide Hayashi, Yuri Tanaka, Hiroki Hase, Nobuhiko Joki, Toho Univ Ohashi Medical Centre, Nephrology, Tokyo, Japan.

FP142 ASYMMETRIC DIMETHYL ARGinine AND CELL FREE TOTAL DNAAS DIAGNOSTIC MARKERS IN PREECLAMPSIA
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Azhar Univ, Clinical Pathology, Cairo, Egypt, 3A-Azar Univ, Obstetrics and Gynecology, Cairo, Egypt.

FP143 LACTOBACILLUS PLANTARUM 299V PREVENTS CLOSTRIDIUM DIFFICILE INFECTION IN PATIENTS HOSPITALI-
Marcin Adamczak, Sylvia Duztizic, Agata Kujawa-Szewieczek, Katarzyna Kwiecien, Andrzej Wieczek, Medical Univ Sile-
nia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, Poland.

FP144 INCREASED WATER INTAKE FOR THE PREVENTION OF RECURRENT URINARY TRACT INFECTIONS DOES NOT
Alison Iroz, Guentert Dornic, Isabelle Seksek, Mariaristina Vecchio, Danone Research, Essoone, Palaiseau, France.

FP145 ACUTE KIDNEY INJURY DEVELOPING IN THE EARLY PERIOD IN THE PATIENTS UNDERGOING AUTOLOG AND
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plantation Unit, Kocaeli, Turkey, 2Anadolu Medical Center, Nephrology, Kocaeli, Turkey.

FP146 RENAL BIOPSY COMPLICATION RATES AND TRANSFUSION REQUIREMENTS IN A TERTIARY TEACHING HOSPITAL
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FP147 DESMOPRESSION USE AND HYPONATREMIA IN PATIENTS WITH RENAL IMPAIRMENT UNDERGOING PERCUTA-
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FP148 ACUTE KIDNEY INJURY DEVELOPING IN THE EARLY PERIOD IN THE PATIENTS UNDERGOING AUTOLOG AND
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FP148 ACUTE KIDNEY INJURY DEVELOPING IN THE EARLY PERIOD IN THE PATIENTS UNDERGOING AUTOLOG AND
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FP148 ACUTE KIDNEY INJURY DEVELOPING IN THE EARLY PERIOD IN THE PATIENTS UNDERGOING AUTOLOG AND
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FP154 WHEN YOUR PARTNER MAKES YOU SICK. A NEW MODEL TO INDUCE PROTEINURIA IN ZEBRAFISH USING RAPY IN SEVERE ANCA-ASSOCIATED VASCULITIS
Janina Müller-Deile1, Heiko Schenk1, Patricia Schroeder2, Patricia Schroeder2, Hermann Haller1, Mario Schiffer1, 1Hannover Medical School, Nephrology, Hannover, Germany, 2Mount Desert Island Biological Lab, Nephrology, Salisbury Cove, ME.

FP155 PREDICTORS OF RENAL INVOLVEMENT IN ANCA-ASSOCIATED VASCULITIS.
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FP156 COMBINED EFFECT OF ESTABLISHED IGA NEPHROPATHY SUSCEPTIBILITY LOCI ON DISEASE PROGRESSION Mannan Shi1, Van Quyng2, Mingsang Yang2, Meng Yang2, Xiao Yan Zhang2, Wei Huang2, Weinming Wang2, Zhaohui Wang2, Wei Zhang2, Xiaoxing Chen2, Xiaoxia Pan2, Hong Ren2, Nan Chen2, Jingyuan Xie2, 1Inst Nephrology, Dept Medicine, Shanghai Jiaotong Univ, Dept Nephrology, Shanghai, China, 2RuiLun Hosp, Shanghai Jiao Tong Univ, Dept Nephrology, Shanghai, China.

FP157 URINARY CD11b, AN ALPHA SUBUNIT INTEGRIN MAC-1, ASSOCIATES WITH HISTOLOGICAL DISEASE ACTIVITY IN LUPUS NEPHRITIS
Akimitsu Kitagawa1,2, Naotake Tsuibo1, Takayuki Katsuno3, Shoichi Manuyama1, 1Nagoya Univ Graduate School Medicine, Nephrology, Nagoya-shi, Japan, 2Aichi chiken Koseiren Kainan Hosp, Nephrology, Aichi, Japan, 3Aichi Medical Univ, Nephrology, Aichi, Japan.

FP158 TONSILLAR EXPRESSION OF B-CELL ACTIVATING FACTORS AND GLUCOSE DEFICIENT IGA1 CORRELATES WITH DISEASE ACTIVITY OF IGA NEPHROPATHY
Makiko Koriishi, Kazuya Takahashi, Takeyuki Takamura, Fumihiko Furuya, Kenichiro Kitamura, Univ Yamanashi, Third Dept Internal Medicine, Chuo, Japan.

FP159 PLASMA PHERESIS, RITUXIMAB AND LOW-DOSE CYCLOPHOSPHAMIDE FOR REMISSION INDUCTION THERAPY IN SEVERE ANCA-ASSOCIATED VASCULITIS

FP160 URINE TWEAK AS A BIOMARKER FOR EARLY RESPONSE TO TREATMENT IN ACTIVE LUPUS NEPHRITIS: A PROSPECTIVE MULTI-CENTER STUDY
Thitima Benjachat Suttichet1, Apich Cheewarat1, Wongarm Kitamangoklochula2, Chotipha Phromjirun2, Sirarat Anuchitrakul3, Thanachai Panapun3, Aliporn Ingsathit4, Nichapa Khamanamao4,5, Vuddhijit Ophascharoensuks6, Vasant Sumethakul7, Yingyoos Avihansinog, 1Chulalongkorn Univ, Center Excellence Immunology and Immune-mediated diseases, Fac Medicine, Bangkok, Thailand, 2King Chulalongkorn Memorial Hosp, Renal Immunology and Therapeutic Apheresis Research Unit and Chula Clinical Research Center, Bangkok, Thailand, 3Khon Kaen Univ, Dept Internal Medicine, Fac Medicine, Khon Kaen, Thailand, 4Ramathibodi Hosp, Mahidol Univ, Sect Clinical Epidemiology and Biostatistics, Fac Medicine, Bangkok, Thailand, 5Sirirajkarinretowit, Dept Preventive and Social Medicine, Fac Medicine, Bangkok, Thailand, 6Chiang Mai Univ, Dept Internal Medicine, Fac Medicine, Chiang Mai, Thailand, 7Ramathibodi Hosp, Mahidol Univ, Dept Internal Medicine, Fac Medicine, Bangkok, Thailand.

FP161 CLINICAL AND PATHOLOGICAL DIFFERENCES IN PATIENTS WITH IGA NEPHROPATHY WITH IGG DEPOSIT AND POSITION IN GLOMERULI
Changying Xing, Jiangsu Province Hosp, Dept Nephrology, Nanjing, China.

FP162 IDENTIFICATION OF PROTEIN PROFILE ASSOCIATED WITH C4D STAINING IN IGA NEPHROPATHY. INTEGRATIVE OMICS AND COMPLEMENT ANALYSIS
Freddiza Graber Torres1, Maribel Navarro Muñoz2, Meritxell Ibernon Vilas3, Dolores Lopez Alvarez4, Irma Casas Garcia5, Josep Bonet5,8, Ramon Romero Gonzalez6, 1Germans Trias i Pujol Hosp, Nephrology Dept, Barcelona, Spain, 2Ingelmo Trias i Pujol Hosp, Nephrology, Badalona, Barcelona, Spain, 3Sant Joan Despí Hospitals, Biological Research Center, Badalona, Barcelona, Spain, 4Germans Trias i Pujol Hosp, Pathology Dept, Badalona, Barcelona, Spain, 5Germans Trias i Pujol Hosp, Preventive Medicine, Badalona, Barcelona, Spain, 6Germans Trias i Pujol Hosp, Nephrology Dept, Badalona, Barcelona, Spain.

FP163 GLOMERULONEPHROPATHY DEPOSITION OF C4D6 AND C4D4: SIGNIFICANT MARKERS FOR PROGRESSION OF IGA NEPHROPATHY?
Erol Demir1, Ercan Sunnetcioglu2, Ilkay Aksoy1, Sonay Temurhan3, Sebahat Akgül1, Ayse Serra Artan1, Nezahat Muge Cilikkan1, Citgem Kelkik2, Hatil Yalcin1, Yasar Callakan1, Iain Kilcaslan2, Fatma Oguz Savaran1, Aydin Turkmen1, Yasemin Ozkul2, Mehmet Sukru Sever1, 1Istanbul Univ, Istanbul Fac Medicine, Dept Internal Medicine, Div Nephrology, Istanbul, Turkey, 2Istanbul Univ, Istanbul Fac Medicine, Dept Pathology, Istanbul, Turkey, 3Istanbul Univ, Istanbul Fac Medicine, Dept Pathology, Istanbul, Turkey, 4Bezmialem Univ, Dept Internal Medicine, Div Nephrology, Istanbul, Turkey.

FP164 URINARY KIDNEY-SPECIFIC MRNAS AS POTENTIAL BIOMARKERS OF GLOMERULONEPHROSIS: BIOINFORMATICS-BASED IDENTIFICATION AND PCR ARRAY FABRICATION
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FP165 CLINICAL CHARACTERISTICS AND OUTCOMES OF LUPUS NEPHRITIS PATIENTS WITH KIDNEY BIOSPY SHOWING THROMBOTIC MICROANGIOPATHY
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FP166 INCREASED INCIDENCE AND IMPROVED DIAGNOSIS OF GLOMERULONEPHRITIS IN ADULTS. A NATIONAL 35-YEAR STUDY.
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FP167 ADVERSE EVENTS WITH GLUCOCORTICOID STANDARD OF CARE VERSUS AVOCAPON IN ANCA-ASSOCIATED VASCULITIS: OBSERVATIONS FROM THE CLEAR TRIAL
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FP168 GROUP 1 INNATE LYMPHOID CELL INVOLVEMENT IN THE PROGRESSION OF EXPERIMENTAL GLOMERULONEPHROSIS INHIBITED BY PARP-ALPHA
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FP169 RITUXIMAB FOR INDUCTION THERAPY IN ANCA-ASSOCIATED RAPIDLY PROGRESSIVE GLOMERULONEPHROSIS
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FP170 EXPRESSION OF CD71 MESANGIAL IGA1 RECEPTOR PREDICTS PROGRESSION OF IGA NEPHROPATHY
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FP171 ENDOCAPILLARY AND EXTRACAPILLARY HYPERCELLULARITY PROVIDE DIFFERENT OUTCOMES IN IGA NEPHROPATHY
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FP172 DETECTION OF OLIGOCGLONAL B CELL POPULATIONS BY SPECTRALITY ANALYSIS IN THE RENAL TISSUE OF PATIENTS WITH IMMUNE MEDIATED GLOMERULAR DISEASES
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FP173 MALDI-MSI APPROACH TO RENAL BIOPSY OF PATIENTS WITH FABRY DISEASE
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FP174 C3 DEPOSITS WORSENS THE PROGNOSIS IN TYPE III EXTRACAPILLARY GLOMERULONEPHRITIS.
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FP175 LIF SIGNALING ENHANCES PRODUCTION OF GALACTOSE-DEFICIENT IGA1 IN IGA NEPHROPATHY
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FP176 PRESENCE OR ABSENCE OF POST-REMISSION RELAPSE, LONG-TERM OUTCOME, AND RELAPSE-ASSOCIATED FACTORS IN 127 PATIENTS WITH IDIOPATHIC MEMBRANOUS NEPHROPATHY COMPLICATED BY NEPHROTIC SYNDROME
Hiroyuki Tanaka, Takayuki Fujii, Maiko Nagata, Junya Koshizaka, Nobuaki Yamauchi, Kaji Saito, Mayu Morimoto, Noriko Terasaki, Satoshi Suzuki, Seirei Sakura citizen Hosp, Kidney center, Sakura city, Japan.

FP177 EFFECT AND EXPRESSION CHARACTERISTICS OF COMPLEMENT FACTOR C1H (C1FH) ON HUMAN PODOCYTES
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FP178 THE ROLE OF FUMARATE IN THE PROGRESSION OF MEMBRANOUS NEPHROPATHY: METABOLIC ANALYSIS AND ITS IN-VITRO VALIDATION
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FP179 CLINICAL SIGNIFICANCE OF SERUM AND MESANGIAL GALACTOSE-DEFICIENT IGA1 IN PATIENTS WITH IGA NEPHROPATHY
Yuikohiro Wada, Kei Matsumoto, Taiei Suzuki, Tomohiro Saito, Nobuhiro Kanazawa, Shohi Tachibana, Kei Fukuda, Ken Iseri, Masayuki Iyoda, Takanori Shibata, Showa Univ School Medicine, Div Nephrology, Dept Medicine, Tokyo, Japan.

FP180 IMMUNOGLLOBULIN A NEPHROPATHY IN ELDERLY PATIENTS: CLINICAL DETERMINANTS OF OUTCOMES
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FP181 UNEXPECTEDLY HIGH PREVALENCE OF LOW ALPHA GALACTOSIDASE A ENZYME ACTIVITY IN PATIENTS WITH FSGS
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FP182 RENAL BIOPSY IN THE ELDERLY
Letaf Salima, Chaabouni Youss, Dokuai Oussama, Touli Ameri, Tchouép Marius, Kammoun Khaoala, Khattar Mahmoud, Ben Hmida Mohamed, Boudawara Tahia, Hachicha Jamil, Hedi Cheker Hosp Sfax, Nephrology, Sfax, Tunisia.

FP183 IGA NEPHROPATHY PROGRESSION IS CORRELATED WITH SERUM LEVELS CIRCULATING IGA-CD89 COMPLEXES.
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FP184 METHYL-PREDNISOLONONE PULSE THERAPY FOLLOWED BY AUTOLOGOUS ADIPOSE DERIVED STROMAL VA-SCULAR FRACTION COULD BE RESCUE THERAPY IN SEVERE IGA NEPHROPATHY
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FP185 LOW DOSE PRENISONOLE WITH TACROLIMUS IS EFFECTIVE THERAPY FOR IDIOPATHIC MEMBRANOUS NEPHROPATHY AND CHANGES IN ANTI-PLA2R IS ASSOCIATED WITH RESPONSE TO THERAPY
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FP186 CIRCULATING MIR-29A COULD BE USED AS A BIOMARKER FOR MONITORING OF IGA NEPHROPATHY
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FP187 TWENTY YEARS OF LUPUS NEPHRITIS MANAGEMENT - EVALUATION OF A MULTI ETHNIC PATIENT COHORT TO IDENTIFY FACTORS AFFECTING OUTCOME

FP188 COMBINATORY APPROACH OF OXFORD CLASSIFICATION ALLOWS A TAILORED PREDICTION OF REINAL DE-ATH IN IGA NEPHROPATHY
Robin Chazot, Perrine Julien, Biandine Laurent, Guillaume Claisse, Miriana Dinic, Ingrid Masson, Christophe Mariat, Eric Alamritte, Nicolas Maillard, Public Hosp St Etienne, Loire, St Etienne, France.

FP189 RELAPSE FREE SURVIVAL AFTER STEROID IN ANCA VASCULITIS
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FP190 LONG TERM OUTCOME OF PATIENTS WITH ANCA ASSOCIATED VASCULITIS AND SEVERE RENAL INVOLVE-MENT TREATED WITH RITUXIMAB AND LOW-DOSE CONVENTIONAL IMMUNOMPRESSION
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FP191 TROUGH LEVEL AND DOSE PER BODY WEIGHT ARE PRACTICAL PREDICTORS OF MYCOPHENOLIC ACID EX-POSURE IN ACTIVE LUPUS NEPHRITIS
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FP192 URINARY TWEAK. A POTENTIAL BIOMARKER IN ANCA ASSOCIATED VASCULITIS
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FP193 THIN GLOMERULAR BASEMENT MEMBRANE ASSOCIATED WITH IGA GLOMERULONEPHRITIS
Mattia Cmoncagor1, Ivica Horvatcic2, Tamara Niksevea Martcic3, Luka Toncic2, Patricia Kaciancic2, Nikolov Milan2, Peter Senjagic1, Danica Golicic Ljubanovic2, Kresimir Golicic2, 1Dubreva Clinical Hosp, Dept Nephology and dialysis, Zag-reb, Croatia, 2Dubrava Univ Hosp, Dept nephrology and dialysis, Zagreb, Croatia, 3Univ Zagreb School medicine, Dept Biology, Zagreb, Croatia, 4Dubrava Univ Hosp, Dept pathology, Zagreb, Croatia.
SERUM CYSITAT C LEVEL INDICATES EARLY GLOMERULAR AND TUBULAR INTERSTITIAL LESIONS IN PATIENTS WITH PRIMARY GLOMERULONEPHRITIS
Elena Saganova, Olga Galkina, Vasily Sipovski, Alexey Smirnov, Pavlov First Saint Petersburg State Medical Univ, Research Inst Nephrology, Saint-Petersburg, Russian Federation.

PROPHYLACTIC ANTI-CoAGULATION IN NEPHROTIC SYNDROME PREVENTS THROMBOEMBOLIC COMPLICATIONS
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PATTERN OF NON-DIABETIC RENAL DISEASES IN PATIENTS WITH DIABETUS MELLITUS AT STATE RUN TERTIARY CARE CENTER
Umesh Lingaraj1, Anil Mudda1, Shivaprashed S.M1, Leelavathi V1, Sreedhara C.G1, Kishan A1, Mahesha V2, 1Inst Nephrology, Nephrology, Bangalore, India, 2MANIPAL Hosp, Pathology, Bangalore, India.

SUPPRESSOR OF CYTOKINE SIGNALING-1/STAT1 REGULATES RENAL INFLAMMATION IN MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS MODELS
Juxu Bai, Xiangmei Chen, Chinese PLA General Hosp, Nephrology, Beijing, China.

Spleen Tyrosine Kinase Expression in Human Neutrophils in AAV
Maria Prendecki, Tejal Bhatt, Fayaz Dudhiya, Fred Tam, Charles Pusey, Stephen McAdoo, Imperial College, Renal and Nephrology Unit, DETO, Bari, Italy, 2Univ Bari, SMBNOS, Bari, Italy, 3Univ Bari, Andrology and Kidney Transplant Unit, Bari, Italy.

Construction of Genome-Engineered Mesenchymal Stem Cells Secreting Angiogenic or Anti-Inflammatory Factors for the Treatment of Acute Kidney Injury
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A Novel Strategy to Revert Endothelial Dysfunction and Renal Injury in Sepsis-Induced Acute Kidney Injury (AKI)
Pei-Yu Jhao1, Yen-Ting Chen1, Shuei-Liong Lin2,3, Kai-Chien Yang1,3, 1Graduate Inst Pharmacology, National Taiwan University College Medicine, Taipei, Taiwan, 2Graduate Inst Physiology, National Taiwan University College Medicine, Taipei, Taiwan, 33Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan.

TXNDC5 is Required for Ischemia/Reperfusion Injury Induced AKI to CKD Transition and Renal Fibrosis
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OMEGA-3 FATTY ACIDS PROTECT AGAINST CISPLATIN INDUCED KIDNEY INJURY VIA ENHANCEMENT OF AUTOFLAGY FLUX.
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Jianying Yin, Xiaohua Sheng, Feng Wang, Niansong Wang, Shanghai Jiao Tong Univ Affiliated Sixth People’s Hosp, Nephrology, Shanghai, China.

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Ilina B. Pevzner1,2, Anna A. Brezgunova3, Vasily A. Popkov1,2, Nadezhda V. Andrianova1, Ljubava D. Zorova1,2, Denis N. Silachev1,2, Dmitry B. Zorov1,2, Egor Y. Plotnikov1,2,4, 1Moscow Lomonosov State Univ, Belozersky Inst Physico-Chemical Biology, Moscow, Russian Federation, 2National Research University Higher School of Economics, Department of Neurodegenerative Diseases, Moscow, Russian Federation, 3Moscow Lomonosov State Univ, Fac Biology, Moscow, Russian Federation, 4Sechenov First Moscow State Medical Univ, Institut of Molecular Medicine, Moscow, Russian Federation.

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ACUTE KIDNEY INJURY CAN BE ATTENUATED BY DIETARY OMEGA-3 FOOD SUPPLEMENTATION
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Robert Greitel1, Bennet Henssen1, Song Rong1, Jan Hinrich Braesen2, Martin Meier1, Bruce D. Hamock3, Dipak Panigrahy4, Sing Lee5, Hermann Hailer1, Kelja Hueper5, Falkah Gueler1, 1Hannover Medical School, Nephrology, Hannover, Germany, 2Hannover Medical School, Pathology, Hannover, Germany, 3Univ California Davis, Entomology, Davis, CA, 4Beth Israel Deaconess Medical Center, Pathology, Boston, MA, 5Univ Veterinary School Medicine, Radiology, Hannover, Germany.

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Mads Horn1,2, Martin Iversen3, Peter S. Ouari4, Mads J. Andersen3, Mikhail Zemtsovskiy5, Pia B. Jensen5, Nina H. Bjersannesen3, Karl B. Christensen6, Jern Carlsten3, Christian J. H. Meller7, Bo Feldt-Rasmussen1,2, Michael Perch3, 1Rigshospitalet, Dept Nephrology, Copenhagen, Denmark, 2Univ Copenhagen, Dept Clinical Medicine, Copenhagen, Denmark, 3Rigshospitalet, Dept Cardiology, Section Lung Transplantation, Copenhagen, Denmark, 4Rigshospitalet, Dept Clinical Physiological and Nuclear Medicine, Copenhagen, Denmark, 5Rigshospitalet, Dept Cardiothoracic Anaesthetology, Copenhagen, Denmark, 6Univ Copenhagen, Dept Public Health, Section Biostatistics, Copenhagen, Denmark, 7Rigshospitalet, Dept Cardiothoracic Surgery, Copenhagen, Denmark.

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Huwa Mahmood1, Charlotte Buchanan2, Eleanor Cox2, Benjamin Preston2, 1Ewha Womans Univ, nephrology, Seoul, Korea, 2Ewha Inst Convergence Medicine, Seoul, Korea, 3Ewha Womans Univ Mokdong Hosp, Ewha Inst Convergence Medicine, Seoul, Korea.

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Julian Donici1, Vjhilt Vijayan2, Andreas Leffler3, Nicolas Richter4, Gerrit Gramann4, Gregor Warnke5, Anja Thorenz1, Hermann Hailer1, Stephan Immerenschuh2, Falkah Gueler1, 1Medical School Hannover, Transfusion Medicine, Hannover, Germany, 2Medical School Hannover, Dept Clinical Pathology, Hannover, Germany, 3Medical School Hannover, Dept Clinical Physiology and Nuclear Medicine, Hannover, Germany, 4Medical School Hannover, Dept Anesthesiology and Intensive Care Medicine, Hannover, Germany, 5Medical School Hannover, Visceral Surgery, Hannover, Germany, 6Medical School Hannover, Heart and thoracic surgery, Hannover, Germany.

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Nayara Panizo Gonzalez1,2,3, Carlos Hernando Domingo2, Barbara Hernando Fusster2, Javier E. Reque Santiver4, Eladio Collado Boira5, Oscar Chiva Bartoll2, Nacho Martinez Navarro6, 1Hospital Vithas NISA Rey Don Jaime, Nefrologia, Castellon de la Plana, Spain, 2Univ Jaume I, Servei Sports, Castellon de la Plana, Spain, 3Univ Valencia, Educación Física y Deportiva, Valencia, Spain, 4Hosp Vithas NISA 9 de Octubre, Cardiología, Valencia, Spain, 5Univ Jaume I, Fac Ciencias Salud, Castellon de la Plana, Spain, 6Hosp Vithas NISA 9 de Octubre, Cardiología, Valencia, Spain, 7Univ Valencia, Educación Física y Deportiva, Valencia, Spain.

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ASSOCIATION OF SERUM PHOSPHOROUS WITH ACUTE KIDNEY INJURY IN THE IRISH HEALTH SYSTEM

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ACUTE KIDNEY INJURY FOLLOWING DEEP WATER DROWNING IN SEA WATER: AN ARCHETYPE OF RENAL OXYGENATION IMBALANCE

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INCREASING INCIDENCE IN ACUTE KIDNEY INJURY REQUIRING DIALYSIS IN METROPOLITAN FRANCE: AN ADMINISTRATIVE DATABASE STUDY BETWEEN 2009 AND 2014

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FP254

UTILITY OF C-TERMINAL AND INTACT FGF23 IN PROGNOSTICATION OF ACUTE KIDNEY INJURY AND DEATH AMONG INTENSIVE CARE UNIT PATIENTS.

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FP255

A COMPARISON BETWEEN BIOMEDPEDATA DATA, LUNG ULTRASONOGRAPHY AND FLUID ACCUMULATION. THREE CARDS TO DETERMINE THE STATE OF EUVOLEMIA AND FLUID OVERLOAD IN CRITICAL ILL PATIENTS.

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FP264

URINARY BIOMARKERS MAY PROVIDE PROGNOSTIC INFORMATION FOR SUBCLINICAL ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY

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FP267
HOSPITAL RE-ADMISSIONS IN THE FIRST YEAR AFTER AN EPISODE OF ACUTE KIDNEY INJURY: RESULTS FROM THE PROSPECTIVE AKI RISK IN DERBY STUDY (ARID) STUDY
VRL Gullapudi1,2, I Kazmier1,2, K Home2, R Packington2, T Reilly3, M Tsai1,2, N Selby1,2, 1Univ Nottingham, Centre Kidney research and Innovation, Derby, UK, 2Royal Derby Hosp, Renal Unit, Derby, UK, 3Royal Derby Hosp, Dept Informatics, Derby, UK.

FP268
POST PARTUM ACUTE KIDNEY INJURY: SORTING PLACENTAL AND NON-PLACENTAL THROMBOTIC MICROAN- GIOPATHIES USING THE TRAJECTORY OF BIOMARKERS.
Matthieu Jamme1, Fleuria Meybodi2, Vassilis Tsatsaris3, François Provot4, Merédès Jourdain5, Anne Sophie Ducloy Bouthonvill6, Yasrou Delmas7, Pierre Perez2, Julian Darmian8, Alain Wynckel9, Jean Michel Rebibou10, Jerome Lambert11, Veronique Frémaux Basch12, Paul Coppo13, Cédric Rafat1, Luc Frimat2, Alexandre Hertig1, 1Hop Tenon (APHP), Lab biological immunology, Paris, France, 13Hôp Saint Antoine (APHP), Dept Hematology, Paris, France.

FP269
RISK FACTORS FOR DEATH AMONG PATIENTS WITH LEPTOSPIROSIS-ASSOCIATED ACUTE KIDNEY INJURY
Elizabeth Daher1, Gabriela Studart Galindo de Carvalho1, Douglas de Sousa Soares1, Matheus Henrique Mendes1, Sérgio Luiz Arruda Parente Filho1, Hermann Alexandre Lima Rocha2, Rafaela Araujo de Holanda1, Geraldo Bezerra da Silva1, 1Federal Univ Ceara, Medical Sciences Graduate Program, Fortaleza, Brazil, 2Federal Univ Ceara, Dept Community Health, Fortaleza, Brazil.

FP270
A STUDY IN THE EPIDEMIOLOGY & OUTCOME OF TROPICAL ACUTE KIDNEY INJURY IN A TERTIARY CARE HOSPITAL IN EASTERN INDIA
Pinaki Mukhopadhyay, NRS Medical College, Nephrology, Kolkata, India.

FP271
PREVALENCE, AETIOLOGY AND OUTCOME FROM COMMUNITY AND HOSPITAL ACQUIRED ACUTE KIDNEY IN- JURY (AKI) IN GEORGIA
Nora Sarishvili1, Irma Tchokonelidze1, Nona Babutsitze1, Tamaz Tsvoradze1, Tamar Kasradze1, Kekevan Dalakishvili1, Gvantsa Metskhvarishvili1, High Technology Medical Center Univ Clinic, Nephrology, Tbilisi, Georgia.

FP272
BIOMARKERS OF TYPE VI COLLAGEN FORMATION AND TYPE III COLLAGEN DEGRADATION CAN REFLECT RENAL FIBROSIS IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIS
Nadja Sparding1,2, Federica Genoves1, Morten Asser Karsdal1, Michaela Neprasova3, Dita Mainerova3, Lenka Bartovonova4, Eva Honsova4, Vladimir Tesa4, Zdenka Hruzkova3, 1Nordic Bioscience, Kidney Fibrosis Biology and Biomarkers, Herlev, Denmark, 2Univ Copenhagen, Fac Health and Medical Sciences, Biomedical Sciences, Copenhagen, Denmark, 3Charles Univ and Univer Univ Hosp Prague, First Fac Medicine, Dept Nephrology, Prague, Czech Republic, 4Institut Clinical and Experimental Medicine, Dept Pathology, Prague, Czech Republic.

FP273
TOTAL NEPHRON NUMBER AND SINGLE NEPHRON GFR IN CKD SUBJECTS
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FP274
A NOVEL BIOMARKER OF TYPE VI COLLAGEN FORMATION MEASURED IN SERUM AND URINE OF PATIENTS WITH IG A NEPHROPHARY REFLECTS THE LEVEL OF FIBROSIS IN THE KIDNEYS
Federica Genoves1, Nadja Sparding1,2, Morten Asser Karsdal1, Michaela Neprasova3, Dita Mainerova3, Lenka Bartovonova4, Eva Honsova4, Vladimir Tesa4, Zdenka Hruzkova3, 1Nordic Bioscience, Kidney Fibrosis Biology and Biomarkers, Herlev, Denmark, 2Univ Copenhagen, Fac Health and Medical Sciences, Biomedical Sciences, Copenhagen, Denmark, 3Charles Univ and Univer Univ Hosp Prague, First Fac Medicine, Dept Nephrology, Prague, Czech Republic, 4Institut Clinical and Experimental Medicine, Dept Pathology, Prague, Czech Republic.

FP275
A BIOMARKER OF COLLAGEN TYPE III DEGRADATION DECREASES WITH INCREASING FIBROSIS IN THE KID- NEY OF PATIENTS WITH IG A NEPHROPHARY
Nadja Sparding1,2, Federica Genoves1, Morten Asser Karsdal1, Michaela Neprasova3, Dita Mainerova3, Lenka Bartovonova4, Eva Honsova4, Vladimir Tesa4, Zdenka Hruzkova3, 1Nordic Bioscience, Kidney Fibrosis Biology and Biomarkers, Herlev, Denmark, 2Univ Copenhagen, Fac Health and Medical Sciences, Biomedical Sciences, Copenhagen, Denmark, 3Charles Univ and Univer Univ Hosp Prague, First Fac Medicine, Dept Nephrology, Prague, Czech Republic, 4Institut Clinical and Experimental Medicine, Dept Pathology, Prague, Czech Republic.

FP276
VALUE OF URINARY PROTEOME-BASED CLASSIFIER ASSOCIATED WITH CHRONIC KIDNEY DISEASE AND ITS PROGRESSION IN THE PROGNOSIS OF A PATIENT-RELEVANT ENDPOINT, MORTALITY
Justyna Siewy1, Pedro Magalhães1,2, Eva Schepers3, Claudia Pontillo4, Antonia Vlahou5, Akira Shimizu4, Takashi Yokoi1, John Bertam2,1,likai Univ School Medicine, Div Nephrology and Hypertension, Dept Internal Medicine, Tokyo, Japan, 2Monash Univ, Dept Anatomy and Developmental Biology, Clayton, Australia, 3First Fac Medicine, Dept Analytic Human Pathology, Tokyo, Japan, 4Nippon Medical School, Dept Analytic Human Pathology, Tokyo, Japan.

FP277
PARAMETERS FROM URINALYSIS USING FLOW CYTOMETRY FOR DETECTION AND DISTINGUISHING OF GLO- MERULAR HEMATURIA
Mongkol Kunakorn1, Suchin Worawichawong2, 1Fac Medicine Ramathibodi Hosp, Mahidol Univ, Clinical Pathology, Dept Pathology, Bangkok, Thailand, 2Fac Medicine Ramathibodi Hosp, Mahidol Univ, Dept Pathology, Bangkok, Thailand.

FP278
CHARACTERIZATION AND QUANTIFICATION OF PROTEASURIA IN NEPHROTIC SYNDROME
Ferruh Armutu1, Fawza Alnazzi1, Hubert Kalbacher2, Matthias Wölm1, 1Univ Hosp Tuebingen, Internal Medicine, Tuebingen, Germany, 2Univ Tuebingen, Interfaculty Inst Biochemistry, Tuebingen, Germany.

FP279
ESTIMATION OF KIDNEY AGE BASED ON THE AGE-SPECIFIC DISTRIBUTION OF THE ESTIMATED GLOMERU- LAR FILTRATION RATE OF 760,000 JAPANESE GENERAL POPULATION
Toshimasa Takahashi, Toshiyuki Nakao, Organization kidney and metabolic disease treatment, Research Dept, Tokyo, Japan.

FP280
THE ROLE OF Cystatin C AND Cystatin C-BASED GFR MARKERS FOR PREDICTION OF MORTALITY IN EL- DERY PATIENTS WITH CHRONIC KIDNEY DISEASE
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POST-TRANSLATIONAL MODIFICATION OF MRP8 (S100A8) AND ITS ROLE IN CHRONIC KIDNEY DISEASE
Tomoko Kanki1, Takahide Kuwabara1, Shuro Umemoto1, Daisuke Fujimoto1, Teruhiko Mizumoto1, Manabu Hayata1, Yuichiro Izumi1, Yutaka Kikuzaki1, Kenji Nakayama2,3, Yu Miyazaki2,4, Takahiro Inoue2, Muneo Ogawa2, Makoto Nakayama1, 1Kumamoto Univ Graduate School Medical Sciences, Dept Nephrology, Kumamoto, Japan, 2Kyoto Univ Graduate School Medicine, Dept Urology, Kyoto, Japan, 3Shimadzu Corporation, Shimadzu Corporation, Kyoto, Japan, 4National Hosp Organization Kyoto Medical Center, Dept Urology, Kyoto, Japan, 5Kyoto Univ Hosp, Inst Advanced Clinical and Translational Science (IACT), Kyoto, Japan.

FP282
DEVELOPMENT OF AN IMMUNOASSAY THAT REVEALS ALTERED URINARY VANIN-1 IN HUMAN WITH KIDNEY DISEASE
Jacqueline Walwitz1, Brigitte Eichinger1, Gabriela Berg2, Elisabeth Gademeraier1, Gottfried Himmler1, 1The Antibody Lab GmbH, R&D, Vienna, Austria, 2Biomedica Medizinprodukte GmbH & Co KG, Marketing, Vienna, Austria.

FP283
ESTIMATION OF URINARY CREATinine EXCRETION AND PREDICTION OF RENAL FUNCTION IN MORBIDLY OBESE PATIENTS: NEW TOOLS FROM BODY COMPOSITION ANALYSIS.
Carlo Donadio, Univ Pisa, Clinical and Experimental Medicine, Pisa, Italy.

FP284
SERUM-YKL-40 IN CHRONIC KIDNEY DISEASE PATIENTS
Fatma M. Elsenosy1, Maha Hassan1, Mona Moursi1, Nagwa Mohamed2, Romisaa Sabry1, 1AlAzhar Univ, Internal Medicine, Cairo, Egypt, 2National Research Centre (NRC), Dept Clinical and Chemical Pathology, Cairo, Egypt.

FP285
CLINICAL IMPACT OF CREATinine STANDARDIZATION USING NIST SRM 967 IN THE IMPLEMENTATION OF A COMMUNITY-BASED INTEGRATED CKD CARD PROGRAM IN THAILAND
Teerayuth Jiamjariyapon1, Duangjit Kanistanon2, Patimapon Wongprompat2, Vinai Leesmidt3, Kriang Tungsanga1, 1Bhumirajanagarindra Kidney Inst, Nephrology, Bangkok, Thailand, 2Siriraj Hosp, Mahidol Univ, Immunology, Bangkok, Thailand, 3Kamphaeng Phet Provincial Health Office, Khlong Klang Hosp, Kamphaeng Phet Province, Thailand.

FP286
IS IT POSSIBLE TO PREDICT DAILY SODIUM EXCRETION IN SPOT URINE BY KAWASAKI, TANAKA, AND INTER-SALT FORMULAS IN STAGE 1-4 CHRONIC KIDNEY DISEASE PATIENTS?
Esra Akgül, Kenan Turgutalp, Simge Bardak, Esra Dölarslan, Serap Demir, Ahmet Kıykım, Mersin Univ Education and Training Hosp, Dept Internal Medicine Div Nephrology, Mersin, Turkey.

FP287
WATER EXTRACT OF YINIANKANGBAO TEA AS A MEDICINE-FOOD FORMULATION IMPROVES HYPERLIPIDEMIA IN APOE-DEFICIENT MICE BY THE MODULATION OF GUT MICROBIOTA
Lingzhi Li, Min Shi, Xi Tang, Liang Ma, Ping Fu, Kidney Research Inst, Div Nephrology, Chengdu, China.

FP288
INFLUENCE OF HYPEROXALURIA ON ENDOPLASMIC RETICULUM ENVIRONMENT AND ITS SUBSEQUENT IMPACT ON RENAL CELLS
Tanzeer Kaur, Rishi Bhardwaj, Panjab Univ Chandigarh, Biophysics, Chandigarh, India.

FP289
NOVEL MOUSE MODEL FOR IMMUNE DEFICIENT CKD: A PILOT STUDY
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FP290
ASSESS THE UTILITY OF FINGER-NAIL CREATinine TO DIAGNOSE CHRONIC KIDNEY DISEASE
Nilesh Shinde1, Atul Sajgure1, Atul Mulay1, Charan Bale1, Ashwini Sharma1, Jayraj Korpe1, Abhishek Goel1, Pratik Shete1, Vajed Mogal1, Shirin Telang2, Tushar Dighe1, 1Dr Y Patil Medical College, Nephrology, Pune, India, 2Sahyadri Hosp, Biochemistry, Pune, India.

FP291
EVALUATION OF COGNITIVE FUNCTION IN HD PATIENTS USING MAGNETIC RESONANCE SPECTROSCOPY
Shigeru Owada1, Aki Hirayama2, Teruhiko Maeba1, Toshihiko Maeda2, Toshihiko Kano2, 1Asao Clinic, Dialysis Center, Kawasaki, Japan, 2Tsuchiya Univ, Center Integrated Medicine, Kawasaki, Japan, 3Kitakashiwa Rehabilitation Hosp, Radiology, Kashiwa, Japan.
FP293 DETERMINATION OF OXYGEN TENSION IN TUBULAR EPITHELIAL CELLS USING PHOSPHORESCENCE LIFETIMIE IMAGING MICROSCOPY

Yosuke Hirakawa1, Kiuchi Mizukami2, Yoshida Yoshihara2, Tomoko Honda1, Imai Minuma1, Tetsuhiro Tanaka1, Seiji Tobita2, Masaoi Nangaku1, 1Univ Tokyo Hosp, Div Nephrology and Endocrinology, Tokyo, Japan, 2Graduate School of Science and Technology, Gunma Univ, Dept Chemistry and Chemical Biology, Gunma, Japan.

FP294 INHIBITION OF BET PROTEINS WITH APABETALONE REDUCES MEDIATORS OF VASCULAR CALCIFICATION IN VITRO AND IN CKD PATIENTS

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FP295 SYSTEMS MEDICINE APPROACH FOR IMPROVING RISK PREDICTION FOR RENAL DISEASE

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FP296 CIRCULATING ADAM17 ACTIVITY AS A MARKER OF CV EVENTS IN CKD PATIENTS

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FP297 IS THE CARDIORENAL LINK BIOREGATIONAL IN CKD PATIENTS?: A LONGITUDINAL STUDY

Vanessa Palau1, Marta Riera1, David Benito1, Xavier Duran2, Jose Manuel Valdivielso3, Maria Angeles Betriu3, Elvira Fernandez3, Julio Pasqual1, Maria Jose Soler4, 1Hospital Mar-Inst Hosp Mar Investigaciones Medicas, Dept of Nephrology, Barcelona, Spain, 2Univ Mar-Inst Mar Hosp Investigacions Medicas, Statistics, Barcelona, Spain, 3Inst Recerca Biomedica Lleida, Nephrology Research Lab, Lleida, Spain, 4Hospital Mar-Inst Mar Hosp Investigacions Medicas, Dept of Nephrology, Inst of Carlos III, PI14/00557. FEDER, Barcelona, Spain.

FP298 POST-TRANSLATIONAL MODIFICATION OF PLASMA PROTEINS DECREASED BINDING CAPACITY FOR HYDROPHOBIC METABOLITES

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FP299 EFFECT OF SUCROFERRIC OXYHYDROXIDE (PA21) ON RENAL FUNCTION, MINERAL HOMESTASIS AND VASCULAR CALCIFICATION IN A RAT MODEL WITH CHRONIC KIDNEY DISEASE (CKD)

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FP300 URIC ACID ACTS AS A SOLUBLE MEDIATOR ON THE FUNCTIONAL PHENOTYPE OF MONOCYTES IN CHRONIC KIDNEY DISEASE PATIENTS

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FP301 MODULATION OF KLOTHO/FGF23 EXPRESSION LEVEL BY PHOSPHORUS LOADING IN THE MOUSE MODEL MIMICKING TO INTEGRATED AKI TO CKD SYNDROME

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FP312  MACROPHAGE POLARIZATION AND GRANULOMA FORMATION IN HYPERURICEMIA-ASSOCIATED CHRONIC KIDNEY DISEASE.
Markus Sellner, Quyue Ma, Moritz R. Hernandez Petzsche, Vivianne Gennemi, Hans-Joachim Anders, Stefanie Steiger, Klinikum der Universität München, Medizinische Klinik und Poliklinik IV, Nephrologisches Zentrum, München, Germany.

FP313  DETERMINANTS OF CHANGE IN ARTERIAL STIFFNESS OVER 5 YEARS IN EARLY CKD
Natasha J. McInerney1, Adam Shandlow1, Richard J. Fluck2, Christopher W. McInerney3,4, Maarten W. Taal1,2, 1Univ Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Royal Infirmary of Edinburgh, UK, 3Univ Western Ontario, Schulich School of Medicine and Dentistry, London, ON, Canada, 4London Health Sciences Centre, Dept Nephrology, London, ON, Canada.

FP314  A RISK SCORING MODEL TO PREDICT RENAL PROGRESSION IN CHRONIC KIDNEY DISEASE PATIENTS WITH CONTRAST INDUCED NEPHROPATHY
Seung Don Baek1, Mun Jang2, Wonhak Kim3, Eun Kyong Lee4, So Mi Kim5, Jai Won Chang6, 1Mediplex Sejong Hosp, Div Nephrology, Incheon, Korea, 2Yemidadm Hosp, Div nephrology, Cheongjuini, Korea, 3Sungmo Hosp, Div Nephrology, Jincheon, Korea, 4Dankook Univ College Medicine, Div Nephrology, Cheonan-si, Korea, 5Asan Medical Center, Div Nephrology, Seoul, Korea.

FP315  IRON INDUCED CALCIFICATION IN HUMAN AORTIC VASCULAR SMOOTH MUSCLE CELLS THROUGH IL-24
Yasuyuki Nagasawa1, Sayuri Kawada1, Mutuki Kawabe2, Aritoishi Kida3, Kousuke Mizusaki1, Mana Yahiro1, Masayoshi Namamuro1, Yukiko Hasuike1, Takahiro Kuragano1, Keiji Nakasho2, Takeshi Nakasho1, 1Hyogo College of Medicine, Div Kidney and Dialysis, Nishinomiya, Japan, 2Hyogo College of Medicine, Dept Pathology, Nishinomiya, Japan.

FP316  BODY MASS INDEX AND PROGRESSION OF CHRONIC KIDNEY DISEASE AT LATER STAGES: A NEW PARADOX
Fernando Caravaca-Fontan, Lila Azevedo, Adrián Romanciuc, Enrique Luna, Francisco Caravaca, Hosp Unif Infanta Cristina, Nephrology, Badajoz, Spain.

FP317  PROTEINURIA DECREASES IN THE ACTIVITY OF FIBROBLAST GROWTH FACTOR-23 AND REDUCED FGF23 ACTIVITY IS ASSOCIATED WITH RENAL PROGRESSION IN PATIENTS WITH CHRONIC KIDNEY DISEASE: A RESULT FROM KNOW-CKD STUDY
Jee Young Lee, Hae-Ryong Yun, Jung Tak Park, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, Korea.

FP318  IMPACT OF THE METRIC USED TO DEFINE PROGRESSION OF KIDNEY DISEASE ON THE CONCLUSIONS OF STUDIES
Phebe Delafontaine, Eva Schepers, Raymond Vanholder, Francis Verbeke, Wim Van Biesen, Ghent Univ Hosp, Renal Studies.

FP319  NRF2 ACTIVATOR, RTADH404, ATTENUATES RENAL TUBULAR INJURY VIA MITOCHONDRIAL PROTECTION IN NEPHROTIC MODEL MICE.
Elena Ruiz1, Jose L. Lerma1, Almudena Hernandez-Blazquez2, Sandra Sancho-Martinez2, Francisco J. Lopez-Hernandez1, 1Alcalá University, Nephrology, Madrid, Spain, 2Univ. Autónoma de Madrid, Nephrology, Madrid, Spain.

FP320  SERUM CREATinine NON-LINEARITY PREDICTS PROGRESSION TO END STAGE RENAL DISEASE
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FP321  SERUM CREATININE NON-LINEARITY PREDICTS PROGRESSION TO END STAGE RENAL DISEASE
Elena Ruiz1, Jose L. Lerma1, Almudena Hernandez-Blazquez2, Sandra Sancho-Martinez2, Francisco J. Lopez-Hernandez1, 2Carlos Martinez-Salgado2, Isabel Fuentes-Calvo2, 1SACYL, Nephrology Unit, Univ Hosp Salamanca, Salamanca, Spain, 2Univ Salamanca, Nephrology, Salamanca, Spain.

FP322  THE UREMIC TOXIN 3 CARBOXY 4 METHYL 5 PROPYL 2 FURANOPROANIC ACID (CMFP): PARADOX OF ANEW NUTRITIONAL MARKER IN HAEMODIALYSIS
Matherie Luc1, Anais Bouchaer1, Mylarm Pastural2, Samuel Granjon3, Jean Christophe Szaqja2, Maurice Laville1, Walid Arkoud2, Denis Fouque1, Christophe O. Soulape1, Laetitia Koppe1, 1Dept Nephrology, Hospices Civils Lyon, Centre Hosp Lyon Sud, Rhone, 2Univ Lyon, France, 3Lab Analyse Médicale Cerbailliance Rhone alpes, Lyon, France, 4Univ Lyon, CarMeN lab, INSA-Lyon, INSERM U1900, INRA, Univ Claude Bernard Lyon 1, Rhone, Villeurbanne, France.

FP323  MICROSCOPIC HEMATURIA IS A RISK FACTOR OF INCIDENT CHRONIC KIDNEY DISEASE IN THE GENERAL POPULATION: A COMMUNITY-BASED PROSPECTIVE COHORT STUDY
Sangmi Lee, Jee Young Lee, Jung Tak Park, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, Korea.

FP324  INVESTIGATING THE EFFECT OF BARIATRIC SURGERY ON RENAL FUNCTION: A RETROSPECTIVE STUDY
Li Xin Charlene Ye1, Philip Evans2, Smeeta Sinha2, 1Univ of Nottingham, Centre Kidney Research and Innovation, Derby, UK, 2Royal Derby Hosp NHS Foundation Trust, Dept Renal Medicine, Derby, UK, 3Univ Western Ontario, Schulich School Medicine and Dentistry, London, ON, Canada, 4London Health Sciences Centre, Dept Nephrology, London, ON, Canada.

FP325  EARLY CHANGE IN ESTIMATED GFR AND RENAL OUTCOME IN PATIENT WITH CHRONIC KIDNEY DISEASE: COMPARISON OF CREATINE-BASED AND CYSTATIN C-BASED ESTIMATED GFR SLOPE
Ya Jing Pan, Si-Ruo Guo, Meng-Ze Zhang, Lin-Hui He, Ai-Hua Zhang, Peking Univ Third Hosp, Dept Nephrology, Beijing, China.

FP326  PHYSICAL ACTIVITY IS ASSOCIATED WITH CKD DEVELOPMENT RISK IN SUBJECTS WITH NORMAL RENAL FUNCTION: A COMMUNITY BASED PROSPECTIVE COHORT STUDY
Young Su Joo, Jee young Lee, Jung Tak Park, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, Korea.

FP327  ELEVATED LEVELS OF EXTRACELLULAR NUCLEOSOMES, BIOMARKERS OF CELL DEATH, IN STAGE 5 CHRONIC KIDNEY HEMODIALYSIS (CKD5-D) ARE INDEPENDENT OF CIRCULATING TISSUE FACTOR MICROPARTICLE COMPLEX.
Vinod Bansal1, Trung Phan2, Ryan McMillan2, Amanda Walborn3, Debra Hopperstein2, Jawed Fareed2, 1Loyola Univ Medical Center, Nephrology, Maywood, IL, 2Loyola Univ Medical Center, Pharmacology, Maywood, IL, 3Loyola Univ Medical Center, Pharmacology, Maywood, IL.

FP328  ASSOCIATION BETWEEN WEIGHT REDUCTION AND DEVELOPING CARDIOVASCULAR EVENT AMONG THE GENERAL POPULATION
Jee Young Lee, Hae-Ryong Yun, Jung Tak Park, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, Korea.

FP329  UROTENSIN II INDUCES MICE SKELETAL AUTOPHAGY VIA ENHANCING SKELETAL MUSCLE CELL AUTOPHAGY AND AFFECTING IRISIN PRECURSOR(FNDC5) EXPRESSION
Ya Jing Pan, Si-Ruo Guo, Meng-Ze Zhang, Lin-Hui He, Ai-Hua Zhang, Peking Univ Third Hosp, Dept Nephrology, Beijing, China.

FP330  ASSOCIATION BETWEEN WEIGHT REDUCTION AND DEVELOPING CARDIOVASCULAR EVENT AMONG THE GENERAL POPULATION
Jee Young Lee, Hae-Ryong Yun, Jung Tak Park, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dept Internal Medicine, Seoul, Korea.

FP331  CARDIO-ANKLE VASCULAR INDEX IS LINKED TO DERANGED METABOLIC STATUS, ESPECIALLY HIGH HBA1C AND MONOCYTE CHEMOTACTRANT-1 PROTEIN IN PRE-DIALYTIC CHRONIC KIDNEY DISEASE PATIENTS
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FP332 ESTIMATED PREVALENCE OF CHRONIC KIDNEY DISEASE AND ITS RISK FACTORS IN NORTH-CENTRAL NIGERIA: ANALYSIS OF AGGREGATE DATA FROM EIGHT COMMUNITIES
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FP333 PULMONARY HYPERTENSION AS A RISK FACTOR FOR MORTALITY AND CARDIOVASCULAR EVENTS IN CKD: A SYSTEMATIC REVIEW AND META-ANALYSIS
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FP334 PROGRESSION OF ALBUMINURIA IN PERSONS WITH EARLY STAGE CHRONIC KIDNEY DISEASE
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FP335 CKD AND INCIDENT DIAGNOSIS OF DEMENTIA IN ENGLAND PRIMARY CARE
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FP336 HIGHER NEUTROPHIL TO LYMPHOCYTE RATIO ASSOCIATES WITH POOR CLINICAL OUTCOME IN CKD5 PATIENTS
Hideyuki Mukai1, Sawako Kato2, Bengt Lindholm1, Olof Heimbürger1, Peter Barany1, Naoki Washida3, Peter Stenvinkel1, Abdul Rashid Qureshi1, 1Karolinska Inst, Div Renal Medicine and Baxter Novum, Stockholm, Sweden, 2Nagoya Univ Graduate School Medicine, Dept Nephrology, Aichi, Japan, 3International Univ Health and Welfare School Medicine, Dept Nephrology, Chiba, Japan.

FP337 RELATIONSHIP BETWEEN HYPERKALAEIA AND DOWN-TITRATION OR DISCONTINUATION OF RENIN-ANGIO- TENSIN-ALDOSTERONE SYSTEM INHIBITORS IN UK PATIENTS WITH CKD

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FP339 THE EXPERIENCE OF CHRONIC KIDNEY DISEASE PATIENTS: THE RESULTS OF THE 2017 UK RENAL REGISTRY / KIDNEY CARE UK CHRONIC KIDNEY DISEASE PATIENT REPORTED EXPERIENCE MEASURE
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FP340 EPIDEMIOLOGY OF HYPERKALAEIA IN CKD: A LONGITUDINAL STUDY
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Sasha Saubrey1, Ida M. Soerensen1, Nino Landler2, Ellen Freese1, Helena Tranjræt1, Rie Dyhr1, Anne-Lise Kemper1, Bo Feldt-Rasmussen1, Henrik Sillesen3, Susanne Bro1, 1Righospitalet, Nephrology, København Ø, Denmark, 2Genfofte Hosp, Cardiology, Gentofte, Denmark, 3Righospitalet, Vascular Surgery, København Ø, Denmark.

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Benedicte Stengel1, Celine Lango2, Christian Coombes3, Denis Fouque4, Maurice Laville4, Luc Frimat5, Serge Briangon6, Ronald L. Pisoni7, Marie Metzger8, Christian Jacqueline2, Ziad A. Massy9, 1lserm, CESP, Villejuif, France, 2Agence Biomedecine, DGAMS, Saint-Denis La Plaine, France, 3CHU, Nephrology, Bordeaux, France, 4CHU Lyon Sud, Nephrology, Lyon, France, 5CHU Nancy, Nephrology, Nancy, France, 6CHU Nancy, Clinical epidemiology, Nancy, France, 7Aubor Research Collaborative for Health, Clinical Research, Ann Arbor, MI, 8lserm, Villejuif, France, 9UVSQ, Nephrology, Boulogne, France.
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Maite Caus, Milica Bocić, Elvira Fernández, Jose M Valdivielso, IRBLleida, Univ Lleida, Vascular and Renal Translational Research Group, Lleida, Spain.

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Daijo Inaguma1, Akiko Owaki2, Iri Isomizu1, Kazuo Takahashi1, Hiroki Hayash1, Shiheisha Koide1, Midori Hisegawa1, Yukie Yuzawa1, 1Fujita Health Univ School of Medicine, Dept of Nephrology, Toyoake, Japan, 2Tohoku General Hospital, Medicine, Sendai, Japan.

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Ji Yong Jung1, Hyunsook Kim2, Yun Jung Oh3, Chung-Sik Le3, Ae Jin Kim1, Han Ro1, Jai Ho Young1, Hyun Hoon Lee1, Wooyung Chung1, 1Gachon Univ Gil Medical Center, Internal Medicine, Incheon, Korea, 2Gachon Medical Research Inst, Internal Medicine, Incheon, Korea, 3Jeju Halla General Hosp, Internal Medicine, Jeju, Korea.

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Cristina Capusat1,2, Simona Stanuc1,2, Corina Chiracao2, Marianna Lipani2, Claudia O. Oprea2, Gabriel Mirescu1,2, 1Carol Davla Univ Medicine and Pharmacy, Nephrology, Bucharest, Romania, 2Dr. Carol Davla Teaching Hosp Nephrology, Bucharest, Romania, 3Carol Davla Teaching Hosp Nephrology, Bucharest, Romania.

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Liliana Gameaeta1,2, Elena-Andreea Mocanu1, Alexandra Stanuc1, Diana Dragomir1, Gabriel Stefan1,2, Gabriel Mircea2,1, Dr. Carol Davila Teaching Hosp Nephrology, Nephrology and Pharmacy, Dept Nephrology and Internal Medicine, Bucharest, Romania, 2Carol Davila Univ Medicine and Pharmacy, Dept Nephrology and Internal Medicine, Bucharest, Romania.

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Kamal M. Okasha, Waleed A. Elrefaey, Mohamed H. Abou Freikha, Medhat M. Ashmawy, Heba A. Mourad, Fac Medicine, Tanta Univ, Internal Medicine, Tanta, Egypt.

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Waleed A. Elrefaey, Mohamed H. Abou Freikha, Kamal M. Okasha, Medhat M. Ashmawy, Heba A. Mourad, Mohamed S. Abou Elnasr, Fac Medicine, Tanta Univ, Internal Medicine, Tanta, Egypt.

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FP407
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Kengo Kidokoro, Yoshishisa Wada, Megumi Kondo, Yuji Sogawa, Hajime Nagasu, Minoru Sato, Tamaki Sasaki, Naoki Kashihara, Kawasaki Medical School, Nephrology and hypertension, Kurashiki city Okayama, Japan.

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Lidia Anguiano, Julian Marschner, Manga Motrapu, Hans-Joachim Anders, Klinikum der Universität München, Renal Div, Munich, Germany.

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Denis Medvedev1, Aylen Safarova1, Mahamat Kichine1, Zhana Kobalava1, Irina Shevchenko2, 1Peoples’ Friendhship Univ Russia (RUDN Univ), Russia, Moscow, Russian Federation, 2Gazprom Transm Diagnostic and Rehabilitation Center, Russia, Moscow, Russian Federation.

FP412
ASSOCIATION OF KIDNEY DAMAGE AND SUBCLINICAL LEFT VENTRICULAR DYSFUNCTION IN YOUNG PATIENTS WITH TYPE 1 DIABETES MELLITUS WITHOUT ISCHEMIC HEART DISEASE AND ARTERIAL HYPERTENSION
Antonio S. Novaes, Edgar Maquigussa, Vanessa A. Varela, Fernanda T. Borges, Mirian Boim, Federal Univ São Paulo, Comprehensive Nephrology, Sao Paulo, Brazil, 2State University of Sao Paulo, Sao Paulo, Brazil.

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FP415
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FP416
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Kengo Kidokoro, Yoshishisa Wada, Megumi Kondo, Yuji Sogawa, Hajime Nagasu, Minoru Sato, Tamaki Sasaki, Naoki Kashihara, Kawasaki Medical School, Nephrology and hypertension, Kurashiki city Okayama, Japan.

FP417
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FP414
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Antonio S. Novaes, Edgar Maquigussa, Vanessa A. Varela, Fernanda T. Borges, Mirian Boim, Federal Univ São Paulo, Comprehensive Nephrology, Sao Paulo, Brazil.

FP415
LACKING OF KETOHIXOKINASE AMELIORATED THE RENAL LIPID ACCUMULATION IN HIGH-FAT DIET FED STREPTOZOTOCIN INDUCED DIABETIC MICE
Tomohito Doke1, Takui Ishikawa1, Takahiro Hayasaki1, Richard J. Johnson2, Shoichi Maruyama1, 1Nagoya Univ Graduate School Medicine, Nephrology, Nagoya, Japan, 2Univ Colorado Denver, Div Renal Diseases and Hypertension, Aurora, CO.
FP427 MECHANISM OF LOW DOSES OF RECOMBINANT HUMAN ERITHROPOIETIN TO IMPROVE DIABETIC NEPHROPATHY ENDOTHELIAL INJURY IN RATS
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FP428 MULTIFUNCTIONAL NANOCONSTRUCTS FOR PERORAL DELIVERY OF INSULIN
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FP429 THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS AMELIORATE HYPERGLYCAEMIA INDUCED TUBULOINTERSTITIAL FIBROSIS IN DIABETIC NEPHROPATHY
Agnes Molnár1, Sandor Koszegi2, Lilla Lenart1, Judit Hodrai1, Dora B. Balogh1, Edgar Szikallaszkij1,2, Laszlo Wagner2, Adam Vannay3, Andrea Fekete1,4, 1Hungarian Academy Sciences - Semmelweis Univ, Pediatrics and Nephrology Research Group, Budapest, Hungary, 2Semmelweis Univ, 1st Dept Pediatrics, Budapest, Hungary, 3Hungarian Academy Sciences - Semmelweis Univ, Pediatrics and Nephrology Research Group, Budapest, Hungary, 4Semmelweis Univ, 1st Dept Pediatrics, Budapest, Hungary.

FP430 INTRANASAL DELIVERY OF INSULIN FOR THE RESTORATION OF MEMORY SIGNALING IN ALZHEIMER DISEASE
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FP431 RESISTIN AS A PREDICTOR OF HOSPITAL ADMISSION DUE TO CARDIOVASCULAR EVENTS
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FP432 PEGYLATED GLUCOSE TRIGGERED LIPOSOMES FOR INSULIN DELIVERY
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FP433 SERUM APOLIPOPROTEIN A-I AND B AND SUBJECTIVE GLOBAL ASSESSMENT SCORES ARE DYSLIPIDEMIC RISK MARKERS OF DECLINING RENAL FUNCTIONS AMONG DIABETIC RETINOPATHY SUBJECTS
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FP434 A NEW APPROACH TO RECLAIM DIALYSATE FOR WEARABLE ARTIFICIAL KIDNEYS
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FP435 MODELLING POTASSIUM BEHAVIOUR DURING HAEMODIALYSIS UNDER DIFFERENT TREATMENT CONDITIONS
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FP436 WHAT VOLUME TO CHOOSE TO COMPUTE KTV?
F Casino1,2, C Basile1, E Manconi1, G Santarsii4, S Mostacci4, F D’Elia5, M Di Carlo5, F Iannuzzi2, L Rossi2, L Ver- naglione7, D Grimaldi9, R Rapanà6, 1Milili Hosp, Nephrology, Aquaviva delle Fonti, Italy, 2Centre SM2, Dialysis Unit, Potenza, Italy, 3Pollicino Sant’Orsola-Malpighi, Nephrology, Bologna, Italy, 4Osp Madonna delle Grazie, Nephrology, Matera, Italy, 5Osp San Paolo, Nephrology, Bari, Italy, 64cispedisate Santa Maria Nuova, Nephrology, Reggio Emilia, Italy, 7Osp Perneto, Nephrology, Brindisi, Italy, 8Osp degli Infermi, Nephrology, Rimini, Italy, 9Osp Nuovo, Nephrology, Imola, Italy.

FP437 ADSORPTION OF HYDROPHOBIC UREMIC TOXINS BY EXTRACORPOREAL ADSORBER PARTICLES
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FP438 STUDY OF THE EFFECTS OF HEMODIALYSIS AND HEMODIAFILTRATION ON DNA METHYLATION AND INDOXYL SULFATE REMOVAL
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FP439 FIRST EXPERIENCE OF NONINVASIVE CEREBROVASCULAR AUTOREGULATION MONITORING IN HEMODIALYSIS PATIENTS
Justina Kurgane1,2, Edita Zgisnkien1,2, Vytautas Petkus3, Romanas Chomsikis3, Arminas Ragauskas3, Inga Bumlyte1,2, 1 Lithuanian University of Health Sciences, Dept Nephrology, Kaunas, Lithuania, 2 Hosp Lithuanian University Health Sciences, Dept Nephrology, Kaunas, Lithuania, 3 Lithuanian University of Health Sciences, Dept Nephrology, Kaunas, Lithuania, 4 Lithuanian University of Health Sciences, Telematics Science Inst, Kaunas, Lithuania.

FP440 NOCTURNAL HOME HEMODIALYSIS WITH LOW-FLOW DIALYSE
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FP441 HEPARIN-FREE 4 HOUR STANDARD HEMODIALYSIS SESSIONS WITH CITRIC ACIDE CONCENTRATE (CITRATE-SATGE): A SINGLE CENTRE RETROSPECTIVE COMPARATIVE STUDY WITH ANALYSIS OF THE CONFOUNDING FACTORS
Mohamed Shanful Islam1, Florence Chalmin2, Sandor Vido3, Noémi Baroux4, Marine Andreani2, Audrey Laurain2, Thomas Ghafari2, Vincent Esnault5, 1 Univ Hosp Nice, France, Nephrology, 2 Univ Hosp Nice, Nephrology, 3 Univ Hosp Nice, Nephrology, 4 4 Reasearch insuffisance rénale, RESIR, Noumila, New Caledonia, 5 Univ Hosp Nice, Nephrology, Nice, France.

FP442 CITRATE-ACIDIFIED DIALYSATE IMPROVES THE CALCIFICATION PROPENSITY OF HEMODIALYSIS PATIENTS: A MULTICENTER PROSPECTIVE RANDOMIZED CONTROLLED CROSS-OVER TRIAL
Karlien ter Meulen1,2, Marijke de1, Isabelle Gsponer4, Karel Leunissen1, Matthias Bachtler4, Bernard Canaud3, Jeroen Kooman1, 1 Maastricht Univ, 2 Catharina Hosp, Internal Medicine, Eindhoven, Netherlands, 3 Univ Hosp Maastricht, Nephrology, Maastricht, Netherlands, 4 Centre Hospitalier Universitaire, Nephrology, Nantes, France, 5 Osp San Paolo, Nephrology, Bari, Italy, 6 Arcispedale Santa Maria Nuova, Nephrology, Reggio Emilia, Italy, 7 Osp Perneto, Nephrology, Brindisi, Italy, 8 Osp degli Infermi, Nephrology, Rimini, Italy, 9 Osp Nuovo, Nephrology, Imola, Italy.
FP405  CAREGIVER PRIORITIES FOR OUTCOMES IN PERITONEAL DIALYSIS: AN INTERNATIONAL NOMINAL GROUP STUDY  
Karrar E. Manera1,2, David W. Johnso1,4,5, Jonathan C. Craig1,2, Jenny Shen2, Angela Wang3,7, Terece Yip8, Samuel Fung9, Matthew Tong10, Yeungjai Cho3,4, Andrea Viecelli1,4, Benedicte Saurel-Deville11, Armando Texeira-Pinto1,2, Edwina Brown12, Gillian Brunier13, Jie Dong14, Tony Dunning15, Rajnish Mehrotra16, Sarala Naicker17, Roberto Pecoits-Filho18, Jeffrey Ferr19, Martin Wilkins20, Ulvih Sydney, Sydney School Public Health, Sydney, Australia, 2Children’s Hosp Westmead, 3Centre Kidney Research, Sydney, Australia, 3Princess Alexandra Hosp, Dept Nephrology, Brisbane, Australia, 4Univ Queensland, Australian Kidney Trials Network, Brisbane, Australia, 5Univ Queensland, Centre Kidney Disease Research, Brisbane, Australia, 6Los Angeles Biomedical Research Inst Harbor-UCLA Medical Center, Div Nephrology and Hypertension, Torrance, Calif, 7Queen Mary Hosp, Dept Medicine, Hong Kong, Hong Kong, 8Stong Wah Hosp, Dept Medicine, Hong Kong, Hong Kong, 9Princess Margaret Hosp, Dept Medicine & Geriatrics, Hong Kong, Hong Kong, 10Poh Oi Hosp, Dept Medicine and Geriatrics, Hong Kong, Hong Kong, 11Tours Hosp, Dept Nephrology and Clinical Immunology, Tours, France, 12Hammersmith Hosp, Imperial College Renal and Transplant Centre, London, UK, 13Univ Toronto, Lawrence S. Bloomberg Fac Nursing, Toronto, ON, Canada, 14Peking Univ First Hosp, Dept Medicine, Beijing, China, 15TAFE Queensland, South Bank, Brisbane, Australia, 16Univ Washington, Div Nephrology/Dept Medicine, Seattle, WA, 17Univ Wittwatersrand, Dept Internal Medicine, Johannesburg, South Africa, 18Pontificia Univ Catolica Para, School Medicine, Curitiba, Brazil, 19St. Michael’s Hosp, Dept Medicine, Toronto, ON, Canada, 20Dept Nephrology, Univ Free State, Nephrology, Bloemfontein, South Africa.

FP496  THE EFFECT OF HIV SEROPOSITIVE STATUS ON PERITONEAL DIALYSIS OUTCOMES AND SURVIVAL IN END-STAGE RENAL FAILURE  
Kwazi C. Z. Ntlovu1,2, Alain Assouang1, Ulwin KwaZulu-Natal, Nephrology, Durban, South Africa, 2Univ Free State, Nephrology, Bloemfontein, South Africa.

FP497  PREVALENCE OF PERITONITIS AND MORTALITY AMONGST PATIENTS ON PERITONEAL DIALYSIS IN AFRICA: A SYSTEMATIC REVIEW  
Mothisi W. Motlo1,2,3, Shepherd Kajowo1,3,4, Jean J. Noubiap5, Ikechukwu O. Mba6, Udenne Elirkpo1,3,7, Andre P. Kengne8, Aminu K. Bello9, Ikechi G. Okpechi1,3, 1Univ of Cape Town, Div Nephrology and Hypertension, Cape Town, South Africa, 2Princess Charlotte Hosp, Imperial College Renal and Transplant Centre, London, UK, 3Univ Toronto, Lawrence S. Bloomberg Fac Nursing, Toronto, ON, Canada, 4Peking Univ First Hosp, Div Nephrology, Beijing, China, 5TAFE Queensland, South Bank, Brisbane, Australia, 6Univ Washington, Div Nephrology/Dept Medicine, Seattle, WA, 7Univ Wittwatersrand, Dept Internal Medicine, Johannesburg, South Africa, 8Pontificia Univ Catolica Para, School Medicine, Curitiba, Brazil, 9St. Michael’s Hosp, Dept Medicine, Toronto, ON, Canada, 10Dept Nephrology, Univ Free State, Nephrology, Bloemfontein, South Africa.

FP498  EFFECTS OF IFRANACAZOLE ON PERITONEAL FIBROSIS BY ADJUSTING SONIC HEDGEHOG PATHWAY  
Ji Yung Lee1, Jin Suga Kim1, Hyung Seok Ihm1, Su Woong Jung1, Yu Ho Lee2, Tae Won Lee1, Chun Gyoo Ihm1, Yang Gyun Kim2, Ju Young Moon2, Sang Ho Lee2, Kyung Hean Jeong1, Kyung Hee Univ Hosp Gangdong, Internal Medicine, Seoul, Korea, 2Kyung Hee Univ Hosp Gangdong, Internal Medicine, Seoul, Korea.

FP499  LUNG ULTRASOUND VS BIOIMPEDANCE IN PERITONEAL DIALYSIS PATIENTS-ASSESSMENT OF VOLUME STATUS AND PREDICTION OF INCIDENT CARDIOVASCULAR DISEASE  

FP500  TRENDS ON REAL-LIFE DELIVERED APD TREATMENTS: LOST OPPORTUNITIES FOR TAILORED PRESCRIPTIONS? A MULTICENTER STUDY  
J Portolet1, Dario Janere1, MA Bap2, Antonio Fernandez-Perpen2, Paula Lopez-Sanchez1, Carmen Felipe3, Antonio Cirugeda2, Fernando Tornero2, Beatriz Dura-Gurpide1, Blanca Tarragon Esteban1, Ana Tato2, Peritoneal Dialysis Center Group (GCDP), RedinRen16/008/009 RETYC ISCIII, 1H.U.Puerta de Hierro, Nephrology, Madrid, Spain, 2Registro Peritoneal Dialysis Center Group (GCDP), Nephrology, Madrid, Spain, 3Registro Peritoneal Dialysis Center Group (GCDP), Nephrology, Avila, Spain.

FP502  IMPLEMENTATION OF AN AUTOMATED PERITONEAL DIALYSIS PROGRAM WITH REMOTE MONITORING IN A NETWORK OF RENAL CLINICS IN COLOMBIA  
Mauricio Sanabria, Marta Deividi2, Jasmin Vesga2, Claudia Carvajal3, David Forero3, Angela Rivera4, Alfonso Bunch3, 1RTS Colombia, Research Department, Bogota, Colombia, 2RTS Colombia, Research Department, Colombia, 3RTS Colombia, Medical Department, Colombia, 4RTS Global, Medical Department, Debeer, Ill.
FP519 THE FUNCTIONAL AND STRUCTURAL EFFECTS OF END STAGE RENAL DISEASE ON THE BRAIN OVER A 12 MONTH PERIOD
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FP520 PITFALLS IN ASSESSMENT OF CARDIOVASCULAR RISK IN HEMODIALYSIS PATIENTS
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FP521 SUBCLINICAL ATHEROSCLEROSIS IN PERITONEAL DIALYSIS AND ITS RELATIONSHIP TO CARDIOVASCULAR OUTCOME
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FP522 CHARACTERISTICS OF B-LINES AND ASSOCIATIONS BETWEEN FLUID REMOVAL AND NUMBER OF B-LINES: PEAK EARLY MITRAL INFLow WAVE VELOCITY, AND INFERIOR VENA CAVA DIMENSIONS IN HEMODIALYSIS PATIENTS
Shigeru Otsu1, Katsuya Kajimoto2, Ken Tsuchiya3, Kosaku Nitta4, 1Toho Sangenjaya Clinic, Blood Purification, Tokyo, Japan, 2Shikisai Hosp, Cardiology, Tokyo, Japan, 3Tokyo Women’s Medical Univ, Blood Purification, Kidney Center, Tokyo, Japan, 4Tokyo Women’s Medical Univ, Medicine, Kidney Center, Tokyo, Japan.

FP523 THE ASSOCIATION OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS WITH MAJOR CARDIOVASCULAR ADVERSE EVENTS AND MORTALITY: A NATIONWIDE POPULATION-BASED STUDY
Jung-Ho Kim1, Keon Wook Joo2, Dong Ki Kim2, Hyung Ah Jo3, 1PacChai Univ, Dept Home Economics Education, Daegoeun, Korea, 2Seoul National Univ College Medicine, Internal Medicine, Seoul, Korea, 3Inje Univ Ilsan Paik Hosp, Internal Medicine, Ilsan, Korea.

FP524 CARDIAC BIOMARKERS LACK PREDICTIVE UTILITY IN END STAGE RENAL DISEASE
Sanjeev Pramanik1, Rajkumar Chinnadurai2, Darren Green2, Philip Kalra2, 1Univ Manchester, Fac Biology, Medicine and Health, Manchester, UK, 2Salford Royal NHS Foundation Trust, Dept Renal Medicine, Salford, UK.

FP525 VASCULAR CXCR4 LIMITS ATHEROSCLEROSIS BY MAINTAINING ARTERIAL INTEGRITY
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FP526 VITAMIN K2 SUPPLEMENTATION ON SERUM LEVELS OF MATRIX GLA PROTEIN. A RANDOMISED CONTROLLED TRIAL IN PATIENTS ON HEMODIALYSIS
Theodora Oikonomaki1, Evangelos Papachristou2, Dimitra Kalavrioti3, Theodoros Chatzitheodorou3, Athanasia Ma- dou3, Ioannis Papadakis1, Dmitry S. Goumenos2, 1Protypo, Dialysis Center, Athens, Greece, 2Univ Hosp Patras, Nephrology, Patras, Greece, 3Shea Smrni, Biopathology Lab, Athens, Greece.

FP527 INTRAVASCULAR SCLEROSTIN RELEASE DURING HD
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FP529 THE EFFICACY OF VITAMIN K2 SUPPLEMENTATION ON SERUM LEVELS OF MATRIX GLA PROTEIN. A RANDOMISED CONTROLLED TRIAL IN PATIENTS ON HEMODIALYSIS
Theodora Oikonomaki1, Evangelos Papachristou2, Dimitra Kalavrioti3, Theodoros Chatzitheodorou3, Athanasia Ma- dou3, Ioannis Papadakis1, Dmitry S. Goumenos2, 1Protypo, Dialysis Center, Athens, Greece, 2Univ Hosp Patras, Nephrology, Patras, Greece, 3Shea Smrni, Biopathology Lab, Athens, Greece.

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FP548  MACROPHAGE-DERIVED MIR-155-CONTAINING EXOSOMES PROMOTE CARDIOMYOCYTE PYROPTOSIS BY DIRECTLY TARGETING FOXO3A IN UREMIC CARDIOMYOPATHY
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FP547  IS THE LEVEL OF SOLUBLE KLTHO ASSOCIATED TO CARDIOVASCULAR MARKERS IN PATIENTS UNDERGOING HEMODIALYSIS?
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FP546  REMOVAL OF PHOSPHATE AS THE TRIGGER OF VASCULAR CALCIFICATION BY DIFFERENT DIALYSIS TREATMENT MODALITIES
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FP545  PREVALENCE AND CHARACTERISTICS OF INTRADIALYTIC HYPOTENSION
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FP550  NINE-MONTH CLINICAL OUTCOMES IN DIALYSIS PATIENTS FOLLOWING POLYMER-FREE SIROLIMUS-ELUTING STENT IMPLANTATIONS
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FP551  REAL-TIME VOLUME ASSESSMENT TO GUIDE APPROPRIATE ULTRAFILTRATION IN HAEMODIALYSIS PATIENTS
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FP552  SHORT TERM HIGH SENSITIVE TROPONIN T MODIFICATIONS IN A HEMODIALYSIS OUTPATIENT COHORT
Angelo Testa, ECHO, Site Confluent, Reze, France.

FP553  A COMBINED ATHEROSCLEROSIS CALCIFICATION SCORE PREDICTS INTRADIALYTIC HYPOTENSION EPISODES IN MAINTENANCE HEMODIALYSIS PATIENTS
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FP554  INTRADIALYTIC ARRHYTHMIA AND ITS ASSOCIATION WITH CLINICAL, ANALYTIC AND DIALYSIS PARAMETERS: WHAT SHOULD WE KNOW ABOUT IT?
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FP555  EFFECTS OF FISH OIL SUPPLEMENTATION AND ASPIRIN USE ON NEED FOR ARTERIOVENOUS FISTULA INVENTIONS AND CENTRAL VENOUS CATHETERS IN PATIENTS REQUIRING HAEMODIALYSIS
Andrea K. Viecelli1, Elaine M. Pascoe1, Kevan R. Polkinghorne2, Trevor A. Moore3, Carmel M. Hawley1, David W. Johnson1, Ashley B. Insh1, 1Univ Queensland, School Medicine, Brisbane, Australia, 2Monash Medical Centre, Dept Nephrology, Melbourne, Australia, 3Univ Western Australia, Medical School, Perth, Australia.

FP556  PREVENTIVE SURGERY OF VASCULAR ACCESS FOR HEMODIALYSIS: EXPERIENCE OF A SINGLE CENTER
Daria Teplyuk, Natalia Fominikh, Vadim Stepanov, Andrey Vatazin, Aleksii Zulkarnne, Zurab Kandahishvili, Evgeni Strugalo, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, Russian Federation.

FP557  AMBIGUOUS CONSEQUENCES OF AVF BANDING
Andrey Vatazin, Natalia Fominikh, Vadim Stepanov, Daria Teplyuk, Aleksei Zulkarnne, Zurab Kandahishvili, Evgeni Strugalo, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, Russian Federation.

FP558  WHAT IS THE BEST DIALYSIS CATHETER LOCK SOLUTION - A SYSTEMATIC ANALYSIS OF PUBLISHED STUDIES
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FP559  ULTRASOUND GUIDED PERCUTANEOUS TRANSLUMINAL INTERVENTIONS FOR TREATMENT OF DYSFUNCTIONS OF HEMODIALYSIS ARTERIOVENOUS GRaFTS. THE ULTRAGRaFT FOR HEMODIALYSIS PROJeCT
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FP560  PROSPECTIVE AUDIT TO STUDY SYNER-KINASE USE TO RESTORE PATENCY IN OCCLUDED CENTRAL VENOUS CATHETERS (PASSPORT STUDY) - INTERIM RESULTS
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FP561  IDENTIFICATION OF ANGIOTENSIN PEPTIDES MODULATING THE HARMFUL EFFECTS OF ANG II IN CHRONIC RENAL FAILURE
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FP562  ARTERIOVENOUS FISTULA USE AND PATENCY IN A CONTEMPORARY HAEMODIALYSIS POPULATION: A NATIONAL OBSERVATIONAL STUDY
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FP563  ALTEPLASE VERSUS UROKINASE FOR PHARMACOENCEPHALIC THROMBOLYSIS OF THROMBOSED DIALYSIS ACCESS
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FP564  ISOMETRIC EXERCISE AND ARTERIOVENOUS FISTULA FOR HAEMODIALYSIS: THE IMPACT ON MATURATION PROCESS
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FP565 ARTERIOVENOUS FISTULA OCCLUSION IN NEPHROTIC SYNDROME
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FP566 ASSOCIATION BETWEEN BLOOD FLOW (QA) OF ARTERIOVENOUS ACCESS AND MORTALITY IN PREVALENT HEMODIALYSIS (HD) PATIENTS: A FIVE-YEAR PROSPECTIVE STUDY
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FP567 IMPROVED MATURATION TIME OF ARTERIOVENOUS FISTULA: FROM CREATION TO PUNCTURE IN 14 DAYS
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FP568 NEUTROPHIL ACTIVATION STATUS WAS CLOSELY ASSOCIATED WITH THE DEGREE OF ARTERIOVENOUS FISTULA STENOSIS IN PATIENTS WITH HEMODIALYSIS
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FP569 PRELIMINARY RESULTS OF A FIRST CLINICAL STUDY WITH A NOVEL BONE ANCHORED VASCULAR ACCESS DEVICE
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FP570 VASCULAR ACCESS OUTCOMES IN INTENSIVE HEMODIALYSIS PATIENTS - A CHANGING PARADIGM?
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FP571 DELAYED SURGICAL SALVAGE OF THROMBOSED AV FISTULA BASED ON ANATOMICAL CRITERIA
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FP572 PREDICTION OF VASCULAR ACCESS STENOSIS: BLOOD TEMPERATURE MONITORING WITH TWISTER VS STATIC INTRA-ACCESS PRESSURE RATIO
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FP573 SUCCESSFUL CREATION OF VASCULAR ACCESS IN ELDERLY - DOES IT DIFFER FROM YOUNGER ONES?
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FP574 A MODERN CHALLENGE FOR NEPHROLOGISTS VASCULAR ACCESS SURVEILLANCE IN THE HEMODIALYSIS UNIT IMPACT OF AN INTENSIVE ULTRASOUND SURVEILLANCE PROTOCOL PERFORMED BY NEPHROLOGISTS IN ARTERIOVENOUS FISTULAE AND ARTERIOVENOUS GRAFT PATENCY RATES
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FP575 ECHOSONOGRAPHIC PARAMETERS AND SUCCESSFUL CREATION OF VASCULAR ACES IN DIABETIC PATIENTS
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FP576 LOCKING SOLUTIONS IMPACT ON BIOFILM FORMATION IN TUNNELED HEMODIALYSIS CATHETERS AND ACTIVATION OF THE INFLAMMATORY RESPONSE
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FP577 ENDOVASULAR INTERVENTIONS IN DYSFUNCTION OF VASCULAR ACCESS: A SINGLE CENTER EXPERIENCE
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FP578 EVALUATION OF HEMODYNAMIC MATURATION OF NATIVE ARTERIOVENOUS FISTULA FOR HEMODIALYSIS. THE HEMODYNAMIC MATURATION (HEMA) TRIAL - A NOVEL PROSPECTIVE FROM A SINGLE CENTER EXPERIENCE.
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FP579 PRE OPERATIVE ROUTINE ULTRASOUND MAPPING IMPACT ON A VASCULAR ACCESS CENTRE
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FP580 STATINS TO PREVENT HEMODIALYSIS VASCULAR ACCESS FAILURE: A SYSTEMATIC REVIEW AND META-ANALYSIS
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FP581 BACK TO BASICS: REDUCING THE RATES OF CATHETER-RELATED BACTEREMIA IN PATIENTS ON HAEMODIALYSIS
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FP582 DO ORAL ANTIPLATELET AND ANTICOAGULANT DRUGS CAUSE POSTOPERATIVE BLEEDING DURING SURGICAL CONSTRUCTION OF VASCULAR ACCESS?

FP583 TO THE QUESTION OF TIMELY CREATION OF VASCULAR ACCESS FOR HD.
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DIALYSIS. BONE DISEASE

FP584 CORRELATION BETWEEN 18FLOUORINE POSITRON EMISSION TOMOGRAPHY AND BONE HISTOMORPHOMETRY IN DIALYSIS PATIENTS

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FP585 PROGRESSIONS OF CALCIFICATIONS IN CHINESE CHRONIC KIDNEY DISEASES PATIENTS ON DIALYSIS AFTER 24 MONTHS: INTERIM RESULTS FROM THE CDDS STUDY

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FP586 BONE STATUS OF CKD5 PATIENTS WAIT-LISTED FOR KIDNEY TRANSPLANTATION IS POORLY EVALUATED BY DXA

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FP587 PRESENCE OF BASELINE VASCULAR CALCIFICATION ASSOCIATED WITH INCREASED MORTALITY IN CHINESE CHRONIC KIDNEY DISEASES PATIENTS ON DIALYSIS: INTERIM RESULTS FROM THE CDDS STUDY

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FP588 INFLUENCE OF PHARMACOLOGICAL DOSE CALCITRIOL ON THE SERUM WNT10B LEVELS IN HEMODIALYSIS PATIENTS

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FP589 DIALYSIS MODALITY AND RISK OF HIP FRACTURE: A SYSTEMATIC REVIEW AND META-ANALYSIS

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FP590 LUBIPROSTONE HAS A PHOSPHATE LOWERING EFFECT COMPARABLE TO PHOSPHATE BINDERS IN HEMODIALYSIS PATIENTS

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FP591 EFFECT OF SWITCHING FROM CINACALCET TO CINACALCET TO SECONDARY HYPERPARATHYROIDISM IN PATIENTS WITH HEMODIALYSIS; ESCORT TRIAL


FP592 EFFICACY AND SAFETY OF CINACALCET IN HEMODIALYSIS PATIENTS WITH SECONDARY HYPERPARATHYROIDISM INJURED BY DXA INTEGRATION

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FP593 THE USEFULNESS OF ETELCALCETIDE IN JAPANESE PATIENTS ON HEMODIALYSIS

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FP594 PROGRESSIONS OF CALCIFICATIONS IN CHINESE CHRONIC KIDNEY DISEASES PATIENTS ON DIALYSIS AFTER 24 MONTHS: INTERIM RESULTS FROM THE CDDS STUDY

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FP595 REAL-WORLD SAFETY AND EFFECTIVENESS OF SUFROFERRIC OXYHYDROXIDE IN DIALYSIS PATIENTS: AN INTERIM ANALYSIS OF THE VERIFY STUDY

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FP596 SECONDARY HYPERPARATHYROIDISM IN PATIENTS WITH HEMODIALYSIS; ESCORT TRIAL


FP597 EXPERIENCES WITH INTRAVENOUS ETELCALCETIDE IN LONG-TERM HEMODIALYSIS PATIENTS WITH SEVE-RE SECONDARY HYPERPARATHYROIDISM

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FP598 SECONDARY HYPERPARATHYROIDISM AND ANAEMIA CORRECTION IN ESRD: DATA FROM THE OPTIMAL ESRD TREATMENT C.

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FP599 VITAMIN D THERAPY AND MORTALITY IN HEMODIALYSIS PATIENTS

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FP600 ARTERIAL CALCIFICATION AND OSTEOPOROSIS IN END-STAGE RENAL DISEASE PATIENTS WHO ARE UNDER-GOING HEMODIALYSIS

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FP601
DECREASED OSTEOCALCIN LEVELS AND INCREASED MORTALITY IN HEMODIALYSIS PATIENTS WITH DIABETES MELLITUS
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FP602
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Yukiko Hasuake, Wataru Fukao, Antoshi Kida, Soshi Yoriiifu, Kosuke Mizusaki, Mana Yahino, Masayoshi Nanami, Ya-suzyu Nagasawa, Takehiko Kuragano, Takeshi Nakanishi, Hyogo College Medicine, Div Kidney and Dialysis, Dept Internal Medicine, Nishinomiya, Japan.

FP603
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FP604
BONE MINERAL DENSITY, BONE TURNOVER AND PREDOMINANT AND INCIDENT FRACTURES IN DE NOVO RENAL TRANSPLANT RECIPIENTS
Pieter Evenepoel1, Kathleen Cleaes1, Bjorn Meijers1, Michael Laurent2, Bert Bammens1, Maarten Naessens1, Ben Sprangers1, Hans Pottel3, Etienne Cavaleiro4, Dirk Kuyper1, 1Univ Hosp Leuven, Nephrology, Leuven, Belgium, 2Univ Hosp Leuven, Gerontology and Geriatrics, Leuven, Belgium, 3Univ Leuven, Public Health and Primary Care, Koninkrij, Belgium, 4Univ Liège, Clinical Chemistry, Liège, Belgium.

FP605
MINIMAL IMPACT OF CALCIMIMETICS ON THE MANAGEMENT OF HYPERPARATHYROIDISM IN CHRONIC DIALYSIS: 5-YEAR FOLLOW-UP
Lucile Gavel1, Pierre Filippozzi1, Emmanuelle Laurain1, Michèle Kessler1, Laurent Brunaud2, Carole Sprangers1, Hans Jérome Laurain1, 1CHRU Nancy, Dept Nephrology, Vandoeuvre les Nancy, France, 2CHRU Nancy, Dept Surgery, Vandoeuvre Les Nancy, France.

FP606
THE LEVEL OF SERUM MAGNESIUM IS ASSOCIATED WITH ALL-CAUSE MORTALITY BUT NOT WITH PROGRESSION OF VASCULAR CALCIFICATION IN PATIENTS UNDERGOING HEMODIALYSIS FOR AT LEAST 3 YEARS

FP607
EFFICACY AND COST SAVINGS OF THE NEW IRON-BASED PHOSPHATE BINDER IN HEMODIALYSIS PATIENTS
Jose Moro-Maciac1, Javier Varas2, Francesc Mores1, Abraham Rimon2, Jon Dominguez2, Rosa Ramos2, 1Fresenius Medical Care, Nephrocare, Granollers, Spain, 2Fresenius Medical Care, Medical Dept, Madrid, Spain.

FP608
SNF472 INHIBITS HUMAN AORTIC VALVE CALCIFICATION IN VITRO
Arzemy Zabin1, Maria Bogdanova1, Miguel D. Ferreir2,3, Maria M. Perez2, Man-Lis Kajjusto4,5, Kare-Clav Sten-skrick1, Joeri Berden6, Carolina Salcedo2, Jerie Vaagek6, 1Univ Oslo, Inst Basic Medical Science, Oslo, Norway, 2Laboratori Sanit, R&D, Palma, Spain, 3Univ Illes Balears, Fundamental Biology and Health Sciences, Palma, Spain, 4Univ Oslo, Inst Clinical Medicine, Oslo, Norway, 5Oslo Univ Hosp, Oslo, Norway, 6Univ Illes Balears, Chemisty Dept, Palma, Spain.

FP609
THE CHALLENGE OF PHOSPHORS CONTROL IN PATIENTS IN HEMODIALYSIS: ADHERENCE OR KNOWLEDGE?
Vittorio Ortalda1, Giuseppe Pessodano2, Antonio Lupi1, 1AOU-Verona, Nephrology, Verona, Italy, 2Ops San Mauri-zio, Nephrology, Bolzano, Italy.
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| FP618 | THE ASSOCIATION OF FIBROBLAST GROWTH FACTOR - 23 AND BONE TURNOVER MARKERS ON HEMODIALYSIS PATIENTS |
|       | Ping-Hsun Wu1,2,3, Yi-Ting Lin1,2,3, Mei-Chuan Kuo1,5, Yi-Wen Chiu1,5, 1Kaohsiung Medical Univ Hosp, Div Nephrology, Dept Internal Medicine, Kaohsiung, Taiwan, 2Kaohsiung Medical Univ, Inst Clinical Medicine, College Medicine, Kaohsiung, Taiwan, 3Kaohsiung Medical Univ, Fac Medicine, College Medicine, Kaohsiung, Taiwan, 4Kaohsiung Medical Univ Hosp, Dept Family Medicine, Kaohsiung, Taiwan, 5Kaohsiung Medical Univ, Fac Renal Care, College Medicine, Kaohsiung, Taiwan. |

| FP619 | LONG-TERM SAFETY AND EFFICACY OF IRON-BASED PHOSPHATE BINDERS, FERRIC CITRATE HYDRATE VERSUS SUCROFERRIC OXYHYDROXIDE, ON HYPERPHOSPHATEMIA IN CHRONIC HEMODIALYSIS PATIENTS |
|       | Hiroyuki Matsushima1, Tomo Yasuda2, Atsuki Oyama3, Hiroki Shop4, Masahiro Miya5, 1Matsushima Clinic, Nephrology, Kobe, Japan, 2Matsushima Clinic, Clinical Engineer, Kobe, Japan, 3Nishi-Kobe Medical Center, Nephrology, Kobe, Japan, 4Amagasaki Chuo Hosp, General Internal Medicine, Amagasaki City, Japan, 5Osaka Electro-Communication Univ, Biomedical Engineering, Osaka, Japan. |

| FP620 | CONSERVATIVE VERSUS SUBTOTAL PARATHYROIDECTOMY IN CHRONIC DIALYSIS PATIENTS |
|       | Hafedh Fessi1, Mathieu Veyrat2, Jean-Philippe Haymann3, Pierre-Antoine Michel1, Ghada Boulahia1, Jean Lacau St Guly2, Pierre Ronc1, Sophie Pérez, 1Hosp Tenon, Nephrology-dialysis, Paris, France, 2Hosp Tenon, Otolaryngology Head and Neck Surgery, Paris, France, 3Hosp Tenon, Functional Renal Explorations, Paris, France. |

| FP621 | PROGRESSION OF VASCULAR CALCIFICATION IS ASSOCIATED WITH HIGHER PHOSPHATE AND LOWER MGP LEVELS: ONE CENTRE COHORT STUDY. |
|       | Vaida Petrauskiene1, Egle Jonaitiene2, Erika Skrodeniene3, Inga A. Bumblyte1, 1Lithuanian Univ Health Sciences, Nephrology, Kaunas, Lithuania, 2Lithuanian Univ Health Sciences, Radiology, Kaunas, Lithuania, 3Lithuanian Univ Health Sciences, Lab Medicine, Kaunas, Lithuania. |

| FP622 | INFLUENCE OF GENE POLYMORPHISMS FOR IL-10 AND IL-6 ON DEVELOPMENT OF SECONDARY HYPERPARATHYROIDISM IN HEMODIALYSIS PATIENTS |
|       | Jelena Tosic1, Jovan Popovic2, Zvika Djuric3, Petar Djuric2, Ana Bulatovic2, Aleksandar Jankovic2, Nada Dimkovic2,3, 1Univ Medical Centar Zvezdara, Clinical Dept renal deseases, Belgrade, Serbia, 2Univ Medical Centar Zvezdara, Dept nephrology and dialysis, Belgrade, Serbia, 3Fac Medicine, Univ Belgrade, Internal medicine, Belgrade, Serbia. |

| FP623 | EARLY INTRODUCTION OF INTRAVENOUS VDRA COULD BE ASSOCIATED WITH BETTER PROGNOSIS OF END-STAGE KIDNEY DISEASE PATIENTS ON HEMODIALYSIS. |
|       | Eri Ito, Daijo Inaguma, Kazuo Takahashi, Hiroki Hayashi, Shigeisa Koide, Midori Hasegawa, Yukio Yuzawa, Fujita Health Univ, Nephrology, Toyoake, Japan. |

| FP624 | INTERACTION BETWEEN PARATHYROID HORMONE AND RENIN ANGIOTENSIN ALDOSTERONE SYSTEM IN HEMODIALYSIS PATIENTS |
|       | Keiji Kono, Hideki Fuji, Shuhei Watanabe, Kentaro Watanabe, Shunsuke Goto, Shinichi Nishi, Kobe Univ Graduate School Medicine, Div Nephrology and Kidney Center, Kobe, Japan. |

| FP625 | COMBINATION THERAPY OF DENOSUMAB AND CINACALCET IN OSTEOPOROTIC HEMODIALYSED PATIENT |
|       | Alessandra Moioli, Claudia Fofi, Simona Barberi, Giorgio Punzo, Paolo Menè, Francesca Festuccia, Sapienza Univ Rome, Dept Clinical and Molecular Medicine, Chair and Div Nephrology, Rome, Italy. |

| FP626 | VITAMIN D SUPPLEMENTATION IN HEMODIALYSIS (HD): A TWO-YEAR PROSPECTIVE STUDY |

| FP627 | POOR VITAMIN K STATUS ASSOCIATES WITH LOW AREAL BONE MINERAL DENSITY AND PREDICTS FRACTURES IN DE NOVO RENAL TRANSPLANT RECIPIENTS |
|       | Pieter Evenepoel1, Kathleen Claes1, Bjorn Meijers1, Michaël Laurent2, Bert Bammens1, Maarten Naeens1, Ben Sprangers1, Hans Pollet2, Etienne Cavalerie4, Dirk Kuypers1, 1Univ Hosp Leuven, Nephrology, Leuven, Belgium, 2Univ Hosp Leuven, Gerontology and Geriatrics, Leuven, Belgium, 3Univ Leuven, Public Health and Primary Care, Kortrijk, Belgium, 4Univ Liège, Clinical Chemistry, Liège, Belgium. |

### Posters

| FP627A | SERUM SCLEROSTIN LEVEL IS POSITIVELY ASSOCIATED BONE MINERAL DENSITY IN HEMODIALYSIS PATIENTS |

| FP627B | SUCROFERRIC OXYHYDROXIDE: A NOVEL PHOSPHATE BINDER FOR THE MANAGEMENT OF MINERAL BONE DISEASE IN HEMODIALYSIS PATIENTS WITH “PLEIOTROPIC” EFFECTS |
|       | Ioannis Griveas1,2,3, Panagiotis Sitaras4, Christos Androulopoulos5, Mari Aktiaia4, 1NIMTS, Nephrology, Chalandri, Athens, Greece, 2Private Renal Clinic Athens-Nephrology, Renal clinic, Athens, Greece, 3Private Dialysis Unit Nefroatriki, Dialysis Unit, Athens, Greece, 4Private Dialysis Unit Nefroatriki, Renal Clinic, Athens, Greece. |
PULSE WAVE VELOCITY AND PROGNOSIS IN CHRONIC KIDNEY FAILURE

Giovanni Tripoli1, Mohsen Agharazi2, Bruno Pannier3, Graziella D’Arrigo1, Francesca Mallamaci4, Camine Zoccali1, 1Gerard Londres3, 1CNN-IFC Région Calabria, Italy, 2CHU Quebec Research Centre, L’Hôtel-Dieu Quebc Quebec, QC, Canada, 3Marhamers Hosp and GEPIR, Fleury Merogis, France, 4CRIC-IFC & Nephrology, Dialysis and Transplantation Unit, CNN-IFC, Reggio Calabria, Italy.
INCREASED PRESEPSIN VALUES IN CHRONIC HEMODIALYSED PATIENTS IN THE ABSENCE OF INFECTION

Daniela Radulescu, Ileana Peride, Flavia Liliana Turcu, Andrei Niculae, Ionel Alexandru Checherita, Carol Davila Univesity of Medicine and Pharmacy Bucharest, Nephrology, Bucharest, Romania.

FP650
CAUSÉS OF UNPLANNED DIALYSIS INITIATION: RESULTS OF THE NORDIC PERIDIALYSIS STUDY

Johan A. Hejnlund1, Michael Isensevd, Jørgen Wis1, Anders Perner1, Theis Lange3,4, Mette B. Damholth1, 1Hospitalpark, Dept Intensive Care, Copenhagen, Denmark, 2Department of Nephrology, Hillestad, Denmark, 3University Copenhagen, Section Biostatistics, Copenhagen, Denmark, 4Nephropurif, University Copenhagen, Nephrology and Dialysis, Copenhagen, Denmark.

FP651
FIVE YEAR MORTALITY RISK PREDICTION FOR PATIENTS STARTING DIALYSIS: NEW SCORE DEVELOPMENT AND VALIDATION

Ari Zemchenkov1,2, Roman Gerassimchuk1,3, Anastasia B. Sabadowska2,4, Konstantin A. Vinnikov4, Gennady A. Zemchenkov1, Natalia N. Kulvatev1, Alexander Yakovenko5, Alexander Rumanyants6,5, Alexander M. Ometchikov6, 1North-Western State medical Univ n.a.I.Mechinov, internal diseases and nephrology Dept, Saint-Petersburg, Russia, 2First Saint-Petersburg State medical Univ n.a.I.P.Pavlov, Nephrology and dialysis Dept, Saint-Petersburg, Russia, 3Russian Federation, 3Braun Avitum Russland Clinics, Dialysis unit, Saint-Petersburg, Russian Federation, 4City Hosp N15, dialysis unit, Saint-Petersburg, Russian Federation, 5First Saint-Petersburg State medical Univ n.a.I.P.Pavlov, Propedectics internal diseases dept, Saint-Petersburg, Russian Federation, 6Saint-Petersburg State Univ, Fac therapy Dept, Saint-Petersburg, Russian Federation.

FP652
CARCINOMA IN PATIENTS WITH END STAGE RENAL DISEASE PATIENTS: A PROSPECTIVE MULTICENTER STUDY

Fiorica Gadauleau1, Adalbert Schiller2, Flavio Bod1, Oana Schiller2, Adelina Mihalcea1, Luana Mandrolu1, Lazar Chiu-sru1, Luciana Maer1, 1Universitatea Stefan cel Mare, Faculty of Medicine, Timisoara, Romania, 2Nephrology and Pharmacy Timisoara, Nephrology, Timisoara, Romania, 3BBraun Avitum, DB Braunava Avitum HD Center Timisoara, Timisoara, Romania.

FP653
3-YEAR SURVIVAL OF THE DIALYSIS PATIENTS TREATED BY THE “PATIENT-ORIENTED DIALYSIS” PRACTICE PATTERN BASED ON PATIENT’S SYMPTOMS

Iiku Ioana, Mihaela Hagiya1, Kiyotaka Yabuki2, 1Yubuki Hosp, Nephrology, Yamagata, Japan, 2Yubuki Hosp, Surgery, Yamagata, Japan.

FP654
SYMPTOM BURDEN ACCORDING TO DIALYSIS DAY OF THE WEEK IN THREE TIMES A WEEK HEMODIALYSIS PATIENTS

Pam El Huyyn1, Rino Gai1, Tania Barnes2, Louise Dunn1, Sonia Lee1, Steven Ariis3, Tracey Young3, Stephen J. Walters3, Paul Lob4, Andrew Henwood4, Martin William5, James Fotheringham1, 1Sheffield Teaching Hosp NHS Foundation Trust, Sheffield, UK, 2UK Renal Registry, Learning and Research, Bristol, UK, 3Sheffield Teaching Hosp NHS Foundation Trust, Sheffield, UK, 4York Teaching Hosp NHS Foundation Trust, Renal Medicine, York, UK.

FP655
EFFECTS OF DIALYZER MEMBRANE MATERIALS ON SURVIVAL IN CHRONIC HEMODIALYSIS PATIENTS: A 2-YEAR COHORT STUDY FROM THE ANNUAL SURVEY OF THE JAPANESE RENAL DATA REGISTRY

Masanori Abe1,2, Takayuki Harnano3,2, Atsushi Wada4, Shugen Naka2,2, Kiti Kasanakane4,2, 1First Nippon Univ School Medicine, Nephrology, Hypertension and Endocrinology, Tokyo, Japan, 2Japanese Society Dialysis Therapy, Committee Japanese Renal Data Registry, Tokyo, Japan, 3Osaka Univ Graduate School Medicine, Comprehensive Kidney Disease Research, Osaka, Japan, 4Kitaoka Hosp, Nephrology, Asahikawa, Japan, 5Shock Health Univ, Clinical Engineering, Aichi, Japan, 6Yubuki Hosp, Nephrology, Yamagata, Japan.

FP656
DIAGNOSTIC ACCURACY OF TWO CLINICAL PREDICTION RULES FOR BACTEREMIA AMONG MAINTENANCE HEMODIALYSIS PATIENTS IN OUTPATIENT SETTINGS: EXTERNAL VALIDATION STUDY


FP657
STEAKHOLDERS PRIORITY FOR CARDIOVASCULAR OUTCOMES IN HEMODIALYSIS TRIALS: AN INTERNATIONAL SURVEY

Emma D’Olive1, Andrea Vecelli2, Martin Howell1, Allison Tong1, Jonathan C. Craig1, David Wheeler3, on behalf of the SONG-HD Cardiovascular Disease Investigators, 1Yubuki Hosp, School Public Health, Sydney, Australia, 2Yubuki Hosp, School Medicine, Brisbane, Australia, 3Yubuki College London, Dept Nephrology, London, UK.

FP658
PERCEPTION OF CARE AND QUALITY OF LIFE OF THE DEGREE OF CARE SATISFACTION INFLUENCES THE QUALITY OF LIFE IN DIALYSIS PATIENTS

Chiara Somma1, Luigi Ciriello2, Alessandro Toccafondi3, Roberto Cutrizzu2, Elio Di Marcantonio4, Pietro C. Dattilo5, 1Santa Maria Annunziata Hosp, Dept Medicine, Bagno a Ripoli, Italy, 2Santa Maria Annunziata Hosp, Dept Medicine, Bagno a Ripoli, Italy, 3Santa Maria Annunziata Hosp, Psychologist, Dept Medicine, Bagno a Ripoli, Italy.
FP660
A EUROPEAN MULTICENTER ANALYSIS OF HAEMOДIALYSIS PATIENT EXPERIENCES AND SATISFACTION - RELATION TO PRACTICES AND GUIDELINES
Maciej Drozd1, Joao Frazao2,3, Szymon Brzozko4,5, Werner Kleophas6,7, Abdulkarim O. Alsuwaida8, Fatima F. Silva2, Stefan H. Jacobsen9, 10Davita Int., Nephrology, Amsterdam, Netherlands, 2Davita Portugal, Nephrology, Lisbon, Portugal, 3Dept Nephrol, São João Hosp Center, Univ Porto, Porto, Portugal, 4Davita Poland, Nephrology, Wrocław, Poland, 5Medical Univ Białystok, Dept Nephrol Transplant, Wroclaw, Poland, 6MVZ Davita Rhein-Ruhr, Dusseldorf, Germany, 7Heinrich-Heine-Universitaet, Nephrologische Klinik, Dusseldorf, Germany, 8King Saud Univ, Nephrology, Riyadh, Saudi Arabia, 9Karolinska Inst, Nephrology, Danderyd Univ Hosp, Stockholm, Sweden.

FP661
ASSOCIATION OF HOSPITALIZATION AND MORTALITY WITH FRAILTY AND COMORBIDITY INDEXES IN PATIENTS ON HEMODIALYSIS
Cesar García-Cantón1,2, Ana C. Rodenas-Galvez1, Celia Lopez-Aperador2, Yaiza Rivero1, Tania Monzon3, Gloria Anton3, Ernesto Fernandez-Tagarro1, Saulo Fernandez1, Selene Gonzalez1, Santiago Suna1, 1Hosp Univ Insular Gran Canaria, Nephrology, Las Palmas de Gran Canaria, Spain, 2Univ Las Palmas de Gran Canaria, Nephrology, Las Palmas de Gran Canaria, Spain, 3Avericum, Hemodialysis, Las Palmas de Gran Canaria, Spain.

FP662
THE ASSOCIATION OF MEDITERRANEAN AND DASH DIETS WITH MORTALITY IN ADULTS ON HEMODIALYSIS: THE DIET-HD MULTINATIONAL COHORT STUDY
Valeria Saglimbene1,2, Germaine Wong2, Marcella Russop1,3, Suetoana Palmer, Patrizia Natale1,1,5, Katrina Campbel1, Vanessa Garcia-Larsen7, Juan-Jesus Carreno6, Peter Steninkel1,2, Letizia Gargano1, Angela Munoz1, Rubén Gellman1, Amaro Bensa1, Domingo Del Castillo1, Marieta Totor1, Anna Bednarek-Skubikowska1,10, Jan Dutawa1,11, Paul Stroumza1, Martin Hansis1, Elisabeth Fabricius1, Charlotte Woltheim1,1, Jörgen Hegbret1,11, Jan Than Craig2, Giovanni Strippoli on behalf of the DIET-HD investigators1,11,5,12, 1Diaverum Medical Scientific Office, Medical Scientific Office, Lund, Italy, 2Univ Sydney, Sydney School Public Health, Sydney, Australia, 3Medico-Avogadro Univ Eastern Piedmont, Div Nephrology and Transplantation, Novara, Italy, 4University Otago Christchurch, Dept Medicine, Christchurch, New Zealand, 5Univ Bari, Dept Emergency and Organ Transplantation, Bari, Italy, 6Univ Queensland Princess Alexandra Hosp, Dept Nutrition and Dietetics, Brisbane, Australia, 7Royal Adelaide Hosp, Dept Public Health, Adelaide, Australia, 8Karolinska Inst, Div Renal Medicine, Stockholm, Sweden, 9Karolinska Inst, Div Nephrology, Stockholm, Sweden, 10Medical Univ Lublin, Medical Univ Lublin, Lublin, Poland, 11Medical Univ Silesia, Medical Univ Silesia, Katowice, Poland, 12Diaverum Academy, Diaverum Academy, Bari, Italy.

FP663
IS THERE A MORTALITY PARADOX AMONG DIABETIC PATIENTS WITHIN THE SWISS DIALYSIS POPULATION?
Rebecca Wenzel, Patrice M. Ambühl, Inst Nephrology, Stadtpital Waid, Zurich, Switzerland.

FP664
UNDERESTIMATION OF ALBUMIN IN HAEMOДIALYSIS PATIENTS BY BOTH CARBAMYLATED ALBUMIN AND THE UREMIC TOXIN 3-CARBOXY-4-METHYL-5-PROPYLE-2-FURANPROPIONIC ACID (CMPF)
Hans Günther Wahl1,2, Sina Portz1, René Renz1, 1Philipp Univ Marburg, Inst Lab Medicine and Pathobiocmistry, Marburg, Germany, 2Medizinisches Labor Wahl, Lab Medicine, Lüdenscheid, Germany.

FP665
INCIDENCE OF HYPERSONSITIVITY REACTIONS DURING HEMODIALYSIS
Raquel Estens1, Juan Martin-Navarro2, Gabriel Ledesma3, Raúl Fernández1, Gilda Carrero2, Melissa Cintra4, Ignacio Cidrake5, Ignacio Sanz6, Blanca Tarragon7, Cesar Garcia-Canton1,2, Ana C. Rodenas-Galvez1, Celia Lopez-Aperador2, Yaiza Rivero1, Tania Monzon3, Gloria Anton3, Ernesto Fernandez-Tagarro1, Saulo Fernandez1, Selene Gonzalez1, Santiago Suna1, 1Hosp Univ Insular Gran Canaria, Nephrology, Las Palmas de Gran Canaria, Spain, 2Univ Las Palmas de Gran Canaria, Nephrology, Las Palmas de Gran Canaria, Spain, 3Avericum, Hemodialysis, Las Palmas de Gran Canaria, Spain.

FP666
QUALITY OF LIFE SCORES AND CHANGES IN PREDICTION OF FIVE YEARS MORTALITY IN DIALYSIS PATIENTS
Lada Trajceska, Daniela Mladeneska, Quiles Selim, Pavlina Dzekova, Irena R. Busletik, Aleksandar Skoule, Univ Clinic nephrology, Dialysis Dept, Skopje, F.Y.R. of Macedonia.
FP687

EVALUATION OF HEALTH LITERACY (HL) AND QUALITY OF LIFE (QOL) IN HEMODIALYSIS PATIENTS: IS IT DIFFERENT IN DIABETIC PATIENTS?
Nasar A. Shayan1, Hilal Ozcebe1, Mustafa Arici2, H1cattepe Unv, Public Health, Ankara, Turkey, 2Hacettepe Unv Fac Medicine, Ankara, Turkey.

FP686

A FEASIBILITY STUDY INVESTIGATING THE IMPACT OF IMPLEMENTING AN AEROBIC EXERCISE PROGRAMME ON A HAEMODIALYSIS UNIT

FP685

PATIENT ATTRIBUTION OF WEIGHTAGE TO FACTORS CONSIDERED IN THE CHOICE OF DIALYSIS SCHEDULES IN HOME HAEMODIALYSIS.
Teresa Jeromin1, Kunsal Kharbanda2, Sandip Mitra2, 1Centro Hosp Algarve Algevar, Faro, Neurology, Faro, Faro, Portugal, 2Manchester Royal Infirmary, Nephrology, Manchester, UK.

FP684

THE RELATIONSHIP BETWEEN HEMODIALYSIS MORTALITY AND THE CHINESE MEDICAL INSURANCE TYPE
Xiao Ying Zhang, Wenhua Lei, Nan Shi, Jianghua Chen, 1Affiliated Hosp, Medicine College Zhejiang Univ, Kidney Disease Center, Hangzhou, China.

FP683

DEVELOPMENT OF SYSTEM FOR SAFE TRANSMISSION OF DIGITIZED RECORD NOTES OF HOME PERITONEAL DIALYSIS PATIENTS USING STEGANOGRAPHY TECHNOLOGY
Akiko Okawa1, Tokuo Umeda2, Atsuko Maekawa3, Miyuki Kondo1, Miwa Kobayashi1, 1Yokkaichi Nursing and Medical Care Univ, Fac Nursing, Yokkaichi, Japan, 2Kassato Univ Graduate School Medical Sciences, School of allied health science, Sagamihara, Japan, 3Nagoya Univ Graduate School Medicine, School Health Sciences, Nagoya, Japan.

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SMILE AND LIVE LONGER
Mabel Aoun1,2, Ghassan Sleelati3, Dania Chehata1, 1Saint-Joseph Univ, Nephrology, Beirut, Lebanon, 2Saint-Georges Hosp, Nephrology, Ajajoun, Lebanon, 3Saint-Joseph Univ, Biosstatics, Beirut, Lebanon.

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ARE THERE ANY DIFFERENCES IN THE ACCESS TO HEMODIALYSIS BY GENDER IN MOROCCO
Zineb Benjelloun, Chu Hassan II, Nephrology, Fes, Morocco.

FP680

BELIEFS AND ATTITUDES OF HEMODIALYSIS PATIENTS ON INFLUENZA VACCINATION
Özant Helvacı1, Osman Sultucuoğlu2, Berfu Korou1, Murat Dizbay3, Turgay Arıcan1, Uluc Erlicher1, 1Gazi Univ, Nephrology, Ankara, Turkey, 2Gazi Univ, Internal Medicine, Ankara, Turkey, 3Gazi Univ, Infectious Diseases, Ankara, Turkey.

FP679

ART AND CRAFT ACTIVITIES DURING HAEMODIALYSIS - AN UNTAPPED POTENTIAL TO IMPROVE PATIENTS' TREATMENT EXPERIENCE.
Hugh C. Rayner1, Tony Williams2, Karen Bird2, Jim Martin2, Helen Bishop2, Brian Bieker3, 1Heart of England NHS Foundation Trust, Renal Medicine, Sutton Coldfield, UK, 2Samuel Johnson Community Hosp, Haemodialysis Unit, Sutton Coldfield, UK, 3Archer Research Collaborative for Health, DOPPS, Ann Arbor, MI.

FP678

EVALUATION OF PAIN IN CHRONIC HEMODIALYSIS
Mohamed Zied Ben Bellaïb, Mohamed Belkhiria, Ghalya Boubaker, Mohamed Amere Frh, Univ Nephrology, Monastir, Tunisia.

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THE RELATIONSHIP BETWEEN HEMODIALYSIS MORTALITY AND THE CHINESE MEDICAL INSURANCE TYPE
Xi Yao, Ping Zhang, Wenhua Lei, Nan Shi, Jianghua Chen, 1 affiliated Hosp, University of Zhejiang Medical College, Medical Sciences, Kidney Centre, Hangzhou, China.

FP676

EVALUATION OF HEALTH LITERACY (HL) AND QUALITY OF LIFE (QOL) IN HEMODIALYSIS PATIENTS: IS IT DIFFERENT IN DIABETIC PATIENTS?
Nasar A. Shayan1, Hilal Ozcebe1, Mustafa Arici2, H1cattepe Unv, Public Health, Ankara, Turkey, 2Hacettepe Unv Fac Medicine, Ankara, Turkey.

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PSYCHOLOGICAL PROFILE OF PATIENTS ON HEMODIALYSIS TREATMENT
Badema Čengić Rođić, Resi Halima, Clinical Center Univ Sarajevo, Clinic hemodialysis, Sarajevo, Bosnia and Herzegovina.

FP674

A STUDY OF VARIABILITY IN DIALYSIS SCHEDULES AND ITS DECISION MAKING IN HOME HAEMODIALYSIS
Teresa Jeromino1, Kunsal Kharbanda2, Sandip Mitra2,3, 1Algarve Hosp and University Centre, Nephrology, Faro, Portugal, 2Manchester Academy Health Sciences Centre (MAHSC), Nephrology, Manchester, UK, 3NHR Devices Dignity Health Technology Cooperative, Nephrology, Manchester, UK.

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HEALTHCARE COSTS OF PATIENTS ON DIFFERENT RENAL REPLACEMENT MODALITIES - ANALYSIS OF DUTCH HEALTH INSURANCE CLAIMS DATA
Rianne W. de Jong1, Vianda S. Stel1, Ziad A. Massy2, Kitty J. Jager1, 1Academic Medical Center, ERA-EDTA Registry, Dept Medical Informatics, Amsterdam, Netherlands, 2Department of Internal Medicine, Academic Center, Amsterdam, Netherlands, 3NHR Devices Dignity Health Technology Cooperative, Nephrology, Manchester, UK.

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BEYOND COMORBIDITY RELATED BARRIERS: FACTORS TO LIMIT THE ACCESS TO RRT MODALITIES AND CONSERVATIVE CARE
Rianne W. de Jong1, Vianda S. Stel1, Ziad A. Massy2, Kitty J. Jager1, 1Academic Medical Center, ERA-EDTA Registry, Dept Medical Informatics, Amsterdam, Netherlands, 2Department of Internal Medicine, Academic Center, Amsterdam, Netherlands.

FP671

Frailty, Comorbidity Indexes and the annual frequency of visits to hospital emergency service in patients on hemodialysis
César Garcia-Canton1,2, Ana C. Rodenas-Galvez1,1, Celia Lopez-Aperador2, Yaiza Rivero1, Tania Monzon3, Gloria Anton3, Fatima Batista1, Ingrid Ayuanet1, German Perez1, Noemi Esparza1, 1Hosp Univ Insular de Gran Canaria, VICE IN PATIENTS ON HEMODIALYSIS, 2Manchester Academy Health Sciences Centre (MAHSC), Nephrology, Manchester, UK, 3NHR Devices Dignity Health Technology Cooperative, Nephrology, Manchester, UK.

FP670

PATIENT REPORTED TREATMENT BURDEN AND WELL-BEING – BALANCING TRADE-OFFS IN HOME HAEMODIALYSIS
Teresa Jeromin1, Kunsal Kharbanda2, Sandip Mitra2,3, 1Algarve Hosp and University Centre, Nephrology, Faro, Portugal, 2Manchester Academy Health Sciences Centre (MAHSC), Nephrology and Dialysis, Kragujevac, Serbia, 3NIHR Devices Dignity Health Technology Cooperative, Nephrology, Manchester, UK.

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PREVALENCE AND RISK FACTORS FOR BURNOUT AMONG FEMALE HEMODIALYSIS NURSES
Jasna Trajbović-Stanković1,2, Edwin Hadičić1, Marina Stojanović-Stanković1, Branislav Andrić5, Ivo Marič5, Dejan Petrović7,8, Nada Dimović9,2, 1Univ Hosp Dr Dragisa Misovic, Dialysis, Belgrade, Serbia, 2Univ Belgrade, Fac Medicine, Nephrology and Dialysis, Belgrade, Serbia, 3General Hospital Krusevac, Nephrology and Dialysis, Krusevac, Serbia, 6Special Hosp Endemic Nephropathy, Nephrology and Dialysis, Lazarevac, Serbia, 7Clinical Center Kragujevac, Nephrology and Dialysis, Kragujevac, Serbia, 8Univ Kragujevac, Fac Medicine, Nephrology and Dialysis, Belgrade, Serbia.

FP668

SYMPTOM BURDEN AND EUROYEO EQ-SD-5L UTILITY-BASED QUALITY OF LIFE FOR AUSTRALIAN PATIENTS WITH END-STAGE KIDNEY DISEASE RECEIVING RENAL SUPPORTIVE CARE. PRELIMINARY RESULTS FROM A PROSPECTIVE STATEWIDE COHORT ANALYSIS
Rachael L. Morton1, Anna Hoffman2, Elizabeth Josland2, Cecile Couchoud3, Sheree Smith4, Frank Brennan5, Mark Brown6, 1Univ Sydney, NHMRC Clinical Trials Centre, Sydney, Australia, 251st George Hosp, Renal medicine, Kogarah, Australia, 33French Agence biomedicature, National French ESRG registry REIN, Paris, France, 4Western Sydney Univ, School Nursing and Midwifery, Penrith, Australia, 5Sti George Hosp, Palliative care, Kogarah, Australia, 6Sti George Hosp and UNSW, Renal medicine, Kogarah, Australia.

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FP688
OPTIMIZATION OF ULTRAPURE WATER CONSUMPTION IN THE CONTEXT OF GREEN HEMODIALYSIS
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FP689
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FP690
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FP691
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Paola Pontrelli1, Federica Rascio2, Matteo Accetturo3, Giuseppe Castellano4, Simona Simone1, Giovanni Stallone2, Loreto Gesualdo4, Giuseppe Grandaliano1, 1Univ Bari, Dept Emergency and Organ Transplantation, Bari, Italy, 2Univ Foggia, Nephrology, Dept Medical and Surgical Sciences, Foggia, Italy, 3Univ Bari, Nephrology, Dept emergency and organ transplantation, Bari, Italy, 4Univ Bari A. Moro, Nephrology, Dept emergency and organ transplantation, Bari, Italy.

FP692
URINARY MIRNA AS A POTENTIAL BIOMARKER IN KIDNEY TRANSPLANTATION
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FP693
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Rossana Franzini1, Chiara Della1, Alessandra Stasi1, Fabio Sallustio1, Giuseppe Lucarelli2, Michele Battaglia2, Giuseppe Grandaliano3, Vincenzo Cantaluppi4, Loreto Gesualdo1, Giuseppe Castellano1, 1Univ Bari, Dept Emergency and Organ Transplantation, Nephrology, Dialysis and Transplantation Unit, Bari, Italy, 2Univ Bari, Dept Emergency and Organ Transplantation, Urology Unit, Bari, Italy, 3Univ Foggia, Dept Medical and Surgical Sciences, Nephrology, Dialysis and Transplantation Unit, Bari, Italy, 4Univ Novara, Nephrology and Kidney Transplantation Unit, Novara, Italy.

FP694
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Gianluigi Zaza1, Simona Granata2, Gloria Santoro2, Valentina Masola2, Pierluigi Carratù3, Antonio Lupò2, 1Univ Verona, Renal Unit, Medicine, Verona, Italy, 2Renal Unit, Medicine, Univ Verona, Italy, 3Pulmonary Diseases, Respiratory diseases, Univ Bari, Italy.

FP695
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E Giels1, K Ledeganck1, A Dembovn2, P Meymans3, C Deiemaert3, K Laukens3, J De Sijver1, S Van Laecke1, M-P Ermond1, B De Winta1, J-L Bosmans1, J Delfever4, G Remy5, Lab Experimental Medicine & Pediatrics, Antwerp, Belgium, 2Antwerp Univ Hosp, Dept Pathology, Antwerp, Belgium, 3Univ Antwerp, Biomedical Informatics research center Antwerp (BioIn), Antwerp, Belgium, 4Multiclinic N.V., part of Agilent Technologies, R&D dept, Niel, Belgium, 5Ghent Univ Hosp, Renal Div, Ghet, Belgium, 6Belgian Red Cross Flanders, Histocompatibility and Immunogenetic Lab, Mechelen, Belgium, 7Univ Antwerp, Dept Nephrology and Hypertension, Antwerp, Belgium.

FP696
ISOLATED V-LESION EARLY AFTER KIDNEY TRANSPLANTATION MAY NOT TRULY REPRESENT A REJECTION
Mariana Wohlfahrtova1, Petra Huub2, Marek Novotny3, Jiri Klema, 2IKEM, Dept Immunogenetics, Prague, Czech Republic, 3IKEM, Dept Pathology, Prague, Czech Republic, 2IKEM, Transplant Lab, Prague, Czech Republic, 3Czech Technical Univ, Dept Computer Science, Prague, Czech Republic, 4Inst Haematology and Blood Transfusion, UKHT, Prague, Czech Republic, 51st Fac Medicine Charles Univ and General Fac Hosp, Inst Inherited Metabolic Disorders, Prague, Czech Republic, 6IKEM, Dept Clinical and Transplant Pathology, Prague, Czech Republic, 7IKEM, Dept Immunogenetics, Prague, Czech Republic.

FP697
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Suzan Dahdal1, Carole Saison1, Marthe Valette2, Bruno Lina3, Guillaume Monneret3, Thierry DeFrance1, Emmanuel Morelon4, Olivier Thaunat4, 1French National Inst Health and Medical Research (Inserm), Unit 1111, Lyon, France, 2Hospices Civils Lyon, Croix-Rousse Univ Hosp, Lab Virology-National Reference Center Influenza Viruses, Lyon, France, 3Hospices Civils Lyon, Edouard Herriot Univ Hosp, Lab Immunology, Lyon, France, 4Hospices Civils Lyon, Edouard Herriot Univ Hosp, Nephrology and Clinical Immunology, Lyon, France.
FP698
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Andrea Carrano1, Susanna Negriolo1, Giulia Fregonese1, Emanuele Vianello1, Piergiorgio Gamba2, Giorgio Valle3, Lusia Murri1, 1Pediatric Nephrology, Dialysis and Transplant Unit, Hosp Univ Padova, Dept Women's and Children's Health, Padova, Italy, 2Pediatric Surgery, Hosp Univ Padova, Dept Women's and Children's Health, Padova, Italy, 3Univ Padua, Dept Biopathology, Padova, Italy.

FP699
URINARY EXOSOMAL MICRORNA AS A NON-INVASIVE BIOMARKER FOR THE DIAGNOSIS OF ACUTE REJECTION IN KIDNEY TRANSPLANT RECIPIENTS
Won Hee Cho1, Yu Ho Lee1, Young Hee Kim1, Su-Woong Jung1, Yang-Gyun Kim1, Ju-Young Moon1, Jin Sug Kim1, Kyung-Hwan Jeong1, Tae Won Lee1, Chun-Gyoo Ihm1, Sun-Hyung Joo2, Seunghwan Lee2, Chan-Duck Kim3, Jae Bem Park4, Byung Ha Chung5, Sang-Ho Lee1, 1Kyung Hee Univ, Nephrology, Seoul, Korea, 2Kyung Hee Univ, Nephrology, Seoul, Korea, 3Samsung medical center, Surgery, Seoul, Korea, 5St. Mary's Hosp Catholic Univ Korea, Nephrology, Seoul, Korea.

FP700
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Akhilesh Jaiswal1, Narayan Prasad1, Vikas Agarwal2, Harshit Singh1, Mohit Rai2, 1Sanjay Gandhi post Graduate Inst Medical Sciences, Dept Nephrology, Lucknow, India, 2Sanjay Gandhi post Graduate Inst Medical Sciences, Dept Clinical Immunology, Lucknow, India.

FP701
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Marta Crespo1, Dolores Redondo1, Carrie Butler2, Javier Gimeno3, Carme Garcia4, M. Jose Perez-Saez1, Carla Bernal1, Marisa Mir1, Anna Faura1, Nicole M Valenzuela2, Elaine F Reed2, Julio Pascual2, 1Hosp Mar, Nephrology, Barcelona, Spain, 2Univ California Los Angeles, UCLA Immunogenetics Center, Los Angeles, CA, 3Hosp Mar, Pathology, Barcelona, Spain, 4Catalonian Reference Lab, Barcelona, Spain.

FP702
ULTRASOUND ELASTOGRAPHY IS FEASIBLE IN KIDNEY TRANSPLANT RECIPIENTS WITH LOWER BODY MASS INDEX
Leelo Järv1, Margus Lember1, Anne Kuudeberg2, Ingrid Kull1, Mai Ots-Rosenberg1, 1Tartu Univ, Internal Medicine, Tartu, Estonia, 2Tartu Univ, Pathological Anatomy, Tartu, Estonia.

FP703
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Oliver Staeck, Fabian Halleck, Felix A. Froehlich, Lukas Lehner, Eva Schrezenmeier, Klemens Budde, Dmytro Khadzhynov, Charité Universitätsmedizin, Dept Nephrology and Medical Intensive Care, Berlin, Germany.

FP704
A PAIRED KIDNEY ANALYSIS ON THE IMPACT OF ANTI-HLA ANTIBODIES ON GRAFT SURVIVAL
Laura Michielsen1, Arjan van Zulien1, Bram Wisse2, Marianne Verhaar1, Elena Kamburova2, Henk Otten2, on behalf of the PROCARE Consortium, 1Univ Medical Center Utrecht, Nephrology and Hypertension, Utrecht, Netherlands, 2Univ Medical Center Utrecht, Lab Translational Immunology, Utrecht, Netherlands.

FP705
ENDOTHELIN A (ETA) RECEPTORS EXPRESSED IN GLOMERULI OF RENAL TRANSPLANT PATIENTS MAY BE ASSOCIATED WITH ANTIBODY MEDIATED REJECTION
Katarzyna Nowakowska1, Mirosław Barski1, Piotr Donaży2, Agnieszka Habro2, Katarzyna Kościelska-Kasparyk3, Dorota Kamińska1, Otawia Mazaronowska1, Katarzyna Mazdanska1, Tomasz Dawiskiba4, Magdalena Krajewska1, Mariam Klinger1, Wroclaw Medical Univ, Dept Nephrology and Transplantation Medicine, Wrocław, Poland, 2Wroclaw Medical Univ, Dept Pathophysiology and Oncological Cytology, Wrocław, Poland, 3Wroclaw Medical Univ, Research Lab, Wrocław, Poland, 4Wroclaw Medical Univ, Dept Vascular. General and Transplant Surgery, Wrocław, Poland.

FP706
DONOR ETHNICITY AND KIDNEY TRANSPLANT OUTCOMES IN AFRICAN AMERICANS
Kalathil K. Sureshkumar, Khaled Nashar, Bhavna Chopra, Allegheny General Hosp, Nephrology and Hypertension, Pittsburgh, PA.

FP707
IMMUNE CELL SUBPOPULATIONS IN KIDNEY TRANSPLANT GLOMERULITIS: COMPOSITION AND PROGNOSTIC SIGNIFICANCE
Maria Khrabrova1, Hermann-Josef Grüne2, Alexander Nabokov3, Volker Kleim3, Vladimir Dobronarov1, Anastasia Mukhamedinova1, 1F1rst Pavlov Saint-Petersburg State Medical Univ, Nephrology Dept, Saint-Petersburg, Russian Federation, 2German Center Cancer Research, Div cellular and molecular pathology, Heidelberg, Germany, 3Nephrology Center Lower Saxony, Transplantation Center, Hann. Muenden, Germany.

FP708
CLINIC NON-ATTENDANCE WITHIN THE FIRST YEAR POST KIDNEY TRANSPLANTATION IS ASSOCIATED WITH REJECTION, GRAFT DYSFUNCTION AND DEATH-CENSORED GRAFT LOSS
Kaladil Khalall1, Aimes William2, Cathy Richardson2, Jill McCready2, Jay Nath2, Felicity Evison4, Adnan Shafi5, 1Univ Birmingham, Medical School, Birmingham, UK, 2Queen Elizabeth Hosp, Dept Nephrology and Transplantation, Birmingham, UK, 3Queen Elizabeth Hosp, Dept Renal surgery, Birmingham, UK, 4Queen Elizabeth Hosp, Dept Health Informatics, Birmingham, UK, 5Univ Birmingham, School Immunology and Immunotherapy, Birmingham, UK.

FP709
A PAIRED KIDNEY ANALYSIS ON THE IMPACT OF ANTI-HLA ANTIBODIES ON GRAFT SURVIVAL
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FP710
ESTIMATED GLOMERULAR FILTRATION RATE DECLINE OCCURRED FOUR YEARS AFTER KIDNEY DONATION IN ELDERLY LIVING DONORS
Sayoko Yonemoto1,2, Takayuki Hamano3, Naohiko Fujii1, Daisuke Hayashi1, Kazuaki Yamanaka1, Hidefumi Kishioka2, 1Hyogo Prefectural Nishinomiya Hosp, Dept Medical and Research Center Nephrology and Transplantation, Nishinomiya, Japan, 2Osaka Univ Graduate School of Medicine, Nephrology, Osaka, Japan, 3Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Osaka, Japan.

FP711
KIDNEY TRANSPLANTATION FROM UNCONTROLLED DONATION AFTER CIRCULATORY DEATH AFTER 10 YEAR FOLLOW-UP
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FP712
KIDNEY TRANSPLANTATION FROM UNCONTROLLED DONATION AFTER CIRCULATORY DEATH AFTER 10 YEAR FOLLOW-UP
Maria Molina1, Esther Gonzalez1, Jimena Cabrera2, Eduardo Gutierrez1, Enrique Morales1, Ana Hernandez1, Natalia Polanco1, Manuel Piase1, Amado Andres1, 1Hosp Univ 12 de Octubre, Nephrology Dept, Madrid, Spain, 2Hosp Evangelico, Nephrology Dept, Montevideo, Uruguay.

FP713
RENALE TRANSPANTATION. EPIDEMIOLOGY AND OUTCOME 1
Laura Michielsen1, Arjan van Zulien1, Bram Wisse2, Marianne Verhaar1, Elena Kamburova2, Henk Otten2, on behalf of the PROCARE Consortium, 1Univ Medical Center Utrecht, Nephrology and Hypertension, Utrecht, Netherlands, 2Univ Medical Center Utrecht, Lab Translational Immunology, Utrecht, Netherlands.
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FP716
LONG-TERM NEURODEVELOPMENTAL AND ANTHROPOMETRICAL OUTCOME OF CHILDREN BORN TO FEMALE KIDNEY TRANSPLANT RECIPIENTS
Natalà Haninger-Vaccari1, Apostolos Vaccari2, Michael Bühni3, Michael Haidinger1, Gere Sunder-Plassmann1, Alice Schröder1, 1Medical Univ Vienna, Dept Medicine III, Div Nephrology and Dialysis, Vienna, Austria, 2Medical Univ Vienna, Dept Anatomy and Cell Biology, Vienna, Austria, 3Medical Univ Vienna, Dept Pediatrics, Vienna, Austria, 4Medical Univ Vienna, Vienna, Austria.

FP715
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Pieter Evenepoel1, Kathleen Claes1, Björn Meijers2, Michael Laurent2, Bert Bammens1, Maarten Naesen2, Ben Sprangers1, Etienne Cavalleri3, Dirk Kuypers1, Zvwin Hosp Leuven, Nephrology, Leuven, Belgium, Zvwiin Hosp Leuven, Gerontology and Geriatrics, Leuven, Belgium, 3Univ Liége, Clinical Geography, Liége, Belgium.

FP714
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Miriana Dini1, Nicola Moi1, Pierre Delanaye2, Jean-Marie Krzesinski2, Annie Saint-Remy1, Etienne Cavalleri3, Christophe Marguer2, 1CHU Nord Saint Etienne, Nephrology, Dialysis, Transplantation Dept and Hypertension Center, Saint Etienne, France, 2CHRu Nîmes, Nephrology, Dialysis, Transplantation Dept and Hypertension Center, Nîmes, France, 3CHU Liège, Dept Internal Medicine, Liège, Belgium.

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Francesca Mallamaci1, Rocco Tripepi2, Giuseppe Toti, Simona Lupinacci, Annunziata Hosp, Kidney And Transplantation Research center, Dept Nephrology, Dialysis and Transplantation, Cosenza, Italy.

FP712
ARTERIAL HYPERTENSION AS A RISK FACTOR FOR RENAL DISEASE IN LIVING KIDNEY DONORS
Lawrence Goldberg1, Nicolas Efthymiou2, Edward Kingdon1, Sabina Dzidarevic3, Brighton and Sussex Univ Hosp NHS Trust, Sussex Kidney Unit, Brighton, UK, 2Brighton and Sussex Hosp University NHS Trust, Nuclear Medicine, Brighton, UK.

FP772
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FP729
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Julia Kerschbaum1, Stefanie Bitter1, Maria Wieland1, Karin Kienzl-Wagner2, Hannes Neuert1, Claudia Boesmueller2, Gert Mayer1, Stefan Schneeberger2, Michael Rudnick1, 1Medical Univ Innsbruck, Nephrology and Hypertension, Innrain, Austria, 2Medical Univ Innsbruck, Vascular, Transplant, and Thoracic Surgery, Innsbruck, Austria.

FP731
MARKERS OF MICRO-VASCULAR ENDOTHELIAL CELL ACTIVATION IDENTIFY POOR RENAL GRAFT OUTCOME IN EARLY BLOOD TRANSPLANTATION WITH ACUTE TUBULAR NECROSIS
Yi-Chun Xu-Dubois1, Pedram Ahmadpoor2, Kevin Louis3, Daniel Quero4, Ana Garcia, Teresa Cavero, Beatriz Redondo, Candida Moliz, Teresa Bada, Esther Gonzalez, Maria Quero2, Emma Arco3, Jordi Comas3, Edouard Meli, Oriol Bfastard, Jaume Tort3, Joseph M. Cruzado2, 1Hosp Univ Bellvitge, Nephrology, Bellvitge, Barcelona, Spain, 2Hosp Univ Bellvitge, Nephrology, L’ Hospitale de Llobregat, Spain, 3Catalan Renal Registry, Catalan Transplant Organization, Generalitat Catalunya, Health Dept, Barcelona, Spain.

FP728
LACK OF DISPARITY IN RENAL LENGTH IS NOT A RELIABLE GUIDE TO NORMAL DIFFERENTIAL RENAL FUNCTION IN POTENTIAL KIDNEY DONORS
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Nuria Montero1, Maria Quero2, Emma Arco3, Jordi Comas3, Edouard Meli, Oriol Bfastard, Jaume Tort3, Joseph M. Cruzado2, 1Hosp Univ Bellvitge, Nephrology, Bellvitge, Barcelona, Spain, 2Hosp Univ Bellvitge, Nephrology, L’ Hospitale de Llobregat, Spain, 3Catalan Renal Registry, Catalan Transplant Organization, Generalitat Catalunya, Health Dept, Barcelona, Spain.

FP725
CAN EARLY DEATH IN ESTIMATED OR MeASURED GFR BE USED AS A SURROGATE FOR LONG-TERM RENAL TRANSPLANT OUTCOME?
Agnes Delay1, Olivier Moranne1, Eric Almarinte1, Pierre Delanaye2, Jean-Marie Krzesinski2, Annie Saint-Remy2, Etienne Cavalleri3, 1CHU Liège, Dept Internal Medicine, Liège, Belgium.
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Pablo A. Klin1, Silvio N. Lazzeri2, Nahuel Messina1, Emise Galucci1, Juan De Francesco2, Pablo Bridoux2, Rita M. Fortunato2, Pablo M. Raffaelli2, 1Favaloro Foundation, Clinical Cardiology, Buenos Aires, Argentina, 2Favaloro Foundation, Nephrology, Dialysis and Renal Transplantation, Buenos Aires, Argentina.

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URINARY PROTEOMICS TO DIAGNOSE CHRONIC ANTIBODY-MEDIATED REJECTION IN PEDIATRIC KIDNEY TRANSPLANTATION
Lars Pepe1, Nete Kanzenmeyer1, Harald Mischoik2, Anette Meik1, Burkhard Toenshoff3, Petra Zuerbig2, 1Hannover Medical School, Pediatric Nephrology, Hannover, Germany, 2Mosaïques Diagnostics, Hannover, Germany, 3Univ Hosp Heidelberg, Pediatric Nephrology, Heidelberg, Germany.

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Rute Baeta Baptista1, João Sérgio Neves2, Rita Magnó2, Lia Leitão1, Miguel Bigotte Vieira5, 1Hosp Dona Estefânia, Centro Hosp Lisboa Central, Pediatric Nephrology Unit, Lisbon, Portugal, 2Centre Hosp São João, Dept Endocrinology, Diabetes and Metabolism, Porto, Portugal, 3Hosp Garcia de Orta, Nephrology Dept, Almada, Portugal, 4Hosp Prof. Doutor Fernando da Fonseca, Neurology Dept, Amadora, Portugal, 5Centro Hosp Lisboa Norte, Nephrology and Renal Transplantation Dept, Lisbon, Portugal.

FP753
PHARMACOKINETICS OF FERRIC PYROPHOSPHATE CITRATE (TRIFERIC®) IN PEDIATRIC CKD-5HD PATIENTS ADMINISTERED IV AND VIA DIALYSATE.
Raymond Pratt, Ajay Gupta, Rockwell Medical Inc, R&D, Wixom, MI.

FP754
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Pedro Magalhães1,2, Jens Drube2, Franz Schaefer3, Harald Mischoik1,4, Julie Kleini5,6, Joost P. Schanstra5,6, Lars Pepe2, Petra Züri3, 1Mosaïques Diagnostics GmbH, 2Hannover Medical School, Dept Pediatric Nephrology, Hannover, Germany, 3Univ Children Hosp for Children NHS Foundation Trust, Paediatric Nephrology, London, UK, 4Univ Gla sgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK, 5Inst National Santé et Recherche Médicale (INSERM), Inst Cardiovascular and Metabolic Disease, Toulouse, France, 6Univ Toulouse, III Paul-Sabatier, Toulouse, France.

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EUROPEAN SOCIETY OF PAEDIATRIC NEPHROLOGY (ESPN) STUDY OF PAEDIATRIC RENAL CARE IN EUROPE: COMPARATIVE ANALYSIS 1998-2017
Larisa Prikhodina1, Jochen Ehrich2, Rezan Topaloglu3, Elena Levchenko5, 1Research and Clinical Inst Pediatrics, Pirogov Russian National Research Medical Univ, Inherited & Acquired Kidney Diseases, Moscow, Russia, 2Children’s Hosp, Hannover Medical School, Paediatric Nephrology, Hepatology and Metabolic Disorders, Hannover, Germany, 3Great Ormond Street Hosp for Children NHS Foundation Trust, Paediatric Nephrology, London, UK, 4Hacettepe Univ, School Medicine, Paediatric Nephrology, Ankara, Turkey, 5Univ Hosp Leuven & KU Leuven, Dept Paediatric Nephrology & Dept Development and Regeneration, Leuven, Belgium.

FP756
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Harshit Singh1, Narayan Prasad1, Saurabh Chaturvedi2, Vikas Agawal2, Akhilesh Jaswal1, 1Sanjay Gandhi Postgraduate Inst Medical Sciences, Nephrology, Lucknow, India, 2Sanjay Gandhi Post Graduate Inst Medical Sciences, Clinical Immunology, Lucknow, India.

FP757
IS URINARY KIM-1 THE BEST MARKER OF TUBULAR DAMAGE IN CHILDREN WITH CHRONIC KIDNEY DISEASE?
Kinga Musial1, Piotr Adamczyk2, Elżbieta Świętochowska3, Katarzyna Ziora2, Maria Szczepanska2, 1Dept Pediatric Nephrology Dialysis Div Children, Zabrze, Poland, 2Medical Univ Silesia Katowice, Pediatrics, Zabrze, Poland, 3Medical Univ Silesia Katowice, Chair and Dept Medical and Molecular Biology, Zabrze, Poland.
FP760 SOLUBLE ADHESION MOLECULES ICAM AND VCAM IN CHILDREN WITH REMISSION OF ATYPICAL HEMOLITIC UREMIC SYNDROME (AHUS)
Pankratenko Tatiana1, Oktana Moskaliec2, Tatiana Abaseeva1, Khadija Emirova3, Alexander Burov1, 1Moscow Regional Research and Clinical Inst (MONIKI), Dept Pediatric Dialysis, Moscow, Russian Federation, 2Moscow Regional Research and Clinical Inst (MONIKI), Research Lab Dept, Moscow, Russian Federation, 3Moscow State Medical Dental Univ, Dept Pediatrics, Moscow, Russian Federation.

FP761 INFLUENCE OF 6 MONTHS PROTOCOL BIOPSIES WITH AND WITHOUT INTERVENTION ON COURSE OF GFR AFTER PEDIATRIC RENAL TRANSPLANTATION
Lars Pape, Christian Lerch, Nele Kanzemeyer, Hannover Medical School, Pediatric Nephrology, Hannover, Germany.

FP762 CARDIOVASCULAR EFFECT OF OBESITY IN CHILDREN WITH CHRONIC KIDNEY DISEASES
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FP763 WHETHER WOMEN ASYMPTOMATIC OR SYMPTOMATIC CARRIERS OF DENT DISEASE?
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FP764 URINARY EXCRETION AND GLOMERULAR EXPRESSION OF SPHINGOMYELINASE PHOSPHODIESTERASE ACID-LIKE 3B IN PEDIATRIC ONSET NEPHROTIC SYNDROME
Shojiro Watanabe, Tomomi Aizuwa, Koji Tsugawa, Kazushi Tsuruga, Etsuro Ito, Hiroshi Tanaka, Hiroaki Univ Hosp, Pediatrics, Hiroaki, Japan.

FP765 CARDIOVASCULAR RISK FACTORS IN LONGTERM FOLLOW-UP AFTER PEDIATRIC KIDNEY TRANSPLANTATION
Adrienn Barczi1, Arianna Degi1, Orsolya Cseprekal2, Andrea Fekete1,3, Gyorgy S. Reusz1, 1Semmelweis Univ, 1st Faculty Medicine and Dentistry named after A.I.Evdokimov, Pediatrics, Moscow, Russian Federation, 2Semmelweis Univ, Dept Pediatrics and Nephrology, Moscow, Russian Federation, 3Inst Clinical Chemistry & Clinical Pharmacology, Dept Genomics, Bonn, Germany.

FP766 ONLINE HEMODIALFILTRATION USE IN CHILDREN: A SINGLE CENTER EXPERIENCE WITH A TWIST
Magid A.A. Ibrahim1, 2Ain Shams Univ, Clinical Pathology, Cairo, Egypt, 1Ain Shams Univ, Pediatrics, Cairo, Egypt, 2Ain Shams Univ, School of Medicine, Cairo, Egypt.

FP767 DIURETIC RENOGRAPHY IN HYDRONEPHROSIS
Yasar Kandur1, Ahmet Sultan2, Ahmet G. Guler3, Fethi Tutun4, 1Necip Fazil City Hosp, Dept Nuclear Medicine, 2Necip Fazil City Hosp, Dept Paediatric Surgery, 3Necip Fazil City Hosp, Dept Radiology, 4Necip Fazil City Hosp, Dept Nuclear Medicine, Ankara, Turkey.

FP768 CYSTATIN C IN CKD1-3 STAGES IN CHILDREN
Dmitry D. Ivanov, Stella V. Kushnirenko, Shupyk National Medical Academy Postgraduate Education, nephrology and RRT, Kiev, Ukraine.

FP769 ASSOCIATION OF COMPONENTS OF EXTRACTABLE NUCLEAR ANTIGENS WITH ORGAN INVOLVEMENT IN CHILDHOOD SYSTEMIC LYMPH ERYTHEMATOSUS
Kalyan B. Gomes1, Sufia K. Sumri1, Mohammad H. Kabir1, Palash Mitra2, Mohammed M. Islam1, Muhammad A. Rahim2, Mohammad I. Islam1, Shahana A. Rahman1, 1BIBM MU, Paediatrics, Dhaka, Bangladesh, 2BIRDDEM General Hospital, Nephrology and Dialysis, Dhaka, Bangladesh.
FP779
PARTICIPATION OF HEREDITARY RISK FACTORS FOR PATHOLOGICAL THROMBUS FORMATION IN THE DEVELOPMENT OF ATYPICAL HEMOLYTIC-UREMIC SYNDROME IN CHILDREN
Khadzhi Emirov1, Evgeniya Tolstova2, Olga Orlowa3, Olga Orlowa3, Tatiana Pankratenko3, Alexandr Muzurov4, Tatiana Yasemenova5, Galina Generatova5, Sofia Mstislavskaya2, 1Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 2Moscow State Univ Medicine and Dentistry named after A.I.Evdokimov, Pediatrics, Moscow, Russian Federation, 3Moscow Regional Clinical Research Inst named after M.F.Vladimirovsky, Children's dialysis, Moscow, Russian Federation, 4Russian Medical Academy of Postgraduate Education, Children's intensive care, Moscow, Russian Federation, 5St. Vladimir Children's Moscow Clinical Hosp, Dialysis, Moscow, Russian Federation.

FP780
THE EFFECT OF PARENTAL CONSANGUINITY ON CLINICAL COURSE AND OUTCOME OF CHILDREN WITH FOCAL SEGMENTAL GLOMERULOSCLEROSIS: A REPORT FROM IRAQ
Amin Albedin1, Alaieh Gheissar2, Roksanae Mearaarha1, 1Isfahan Unin Medical Sciences, Isfahan Kidneys Diseases Research Center, Isfahan, Iran, 2Isfahan Univ Medical Sciences, Pediatric nephrology, Isfahan, Iran, 3Isfahan Univ Medical Sciences, Isfahan Endocrine & metabolism Research Center, Isfahan, Iran.

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PLASMAPHERESIS: AS A MODALITY OF TREATMENT FOR TREATMENT OF AUTOIMMUNE DISORDERS IN CHILDREN
Maged Alfifi, Ain Shams, Pediatrics, cairo, Egypt.

FP782
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Talia Gutman1,2, Camilla S. Hansson1,2, Sarah Bernsly1, Jonathan C. Craig1,2, Allison Tong1,2, 1SONG-Kids Steering Group, 1Univ Sydney, School Public Health, Sydney, Australia, 2Children's Hosp Westmead, Centre Kidney Research, Sydney, Australia.

FP785
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Anna Zvenigorodka, Veronica Dudnyk, Galina Guminska, National Pirogov Memorial Medical Univ, Paediatric №2, Vinnytsya, Ukraine.

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Lars Pape1, Jenny Priele1, Arne Pape2, Birukhard Tohshof3, Martin Kreuzer1, 1Hannover Medical School, Pediatric Nephrology, Hannover, Germany, 2KH Center Nephrology Peielenfien, Hannover, Germany, 3Univ Hosp Heidelberg, Pediatric Nephrology, Heidelberg, Germany.

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Pietro Finocchiaro1,2, Rocca Tommasi1, Concetta Fazzari1, 1Riuniti Hosp, Nephrology Dialysis and Renal Transplantation Unit, Reggio Calabria, Italy, 2CNR-IFC, Clinical Epidemiology and Physiopathology of Renal Diseases and Hypertension, Reggio Calabria, Italy, 3Riuniti Hosp, Pediatric Unit, Reggio Calabria, Italy.

FP788
PARTICIPATION OF HEREDITARY RISK FACTORS FOR PATHOLOGICAL THROMBUS FORMATION IN THE DEVELOPMENT OF ATYPICAL HEMOLYTIC-UREMIC SYNDROME IN CHILDREN
Khadzhi Emirov1, Evgeniya Tolstova2, Olga Orlowa3, Olga Orlowa3, Tatiana Pankratenko3, Alexandr Muzurov4, Tatiana Yasemenova5, Galina Generatova5, Sofia Mstislavskaya2, 1Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 2Moscow State Univ Medicine and Dentistry named after A.I.Evdokimov, Pediatrics, Moscow, Russian Federation, 3Moscow Regional Clinical Research Inst named after M.F.Vladimirovsky, Children's dialysis, Moscow, Russian Federation, 4Russian Medical Academy of Postgraduate Education, Children's intensive care, Moscow, Russian Federation, 5St. Vladimir Children's Moscow Clinical Hosp, Dialysis, Moscow, Russian Federation.

FP789
THE EFFECT OF PARENTAL CONSANGUINITY ON CLINICAL COURSE AND OUTCOME OF CHILDREN WITH FOCAL SEGMENTAL GLOMERULOSCLEROSIS: A REPORT FROM IRAQ
Amin Albedin1, Alaieh Gheissar2, Roksanae Mearaarha1, 1Isfahan Unin Medical Sciences, Isfahan Kidneys Diseases Research Center, Isfahan, Iran, 2Isfahan Univ Medical Sciences, Pediatric nephrology, Isfahan, Iran, 3Isfahan Univ Medical Sciences, Isfahan Endocrine & metabolism Research Center, Isfahan, Iran.

FP790
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Maged Alfifi, Ain Shams, Pediatrics, cairo, Egypt.

FP791
NEED FOR GREATER SURVEILLANCE IN OBESE CHILDREN AND ADOLESCENTS
Teresa Papalit1, Rosita Greco1, Danilo Lofaro2, Agata Mollica1, Francesco Mollica1, Renzo Bonofoglio1, 1Annunziata Hosp, Dept Nephrology, Dialysis and Transplantation, Cosenza, Italy, 2Annunziata Hosp, Kyndey and Transplant, Research Center, Cosenza, Italy.

FP792
CAKUT SYNDROME IN UKRAINIAN CHILDREN: A SINGLE CENTER STUDY
Anna Zvenigorodka, Veronica Dudnyk, Galina Guminska, National Pirogov Memorial Medical Univ, Paediatric №2, Vinnytsya, Ukraine.

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Magid A.A. Ibrahim1, Ragia M. Said1, Dina A. Soliman2, Mostafa A. Lotfy3, 1Ain Shams Univ, Pediatrics, Cairo, Egypt, 2Ain Shams University, Clinical Medicine, Cairo, Egypt, 3Ain Shams University, Nephrology, Cairo, Egypt.

FP794
THE OUTCOMES OF CONGENITAL NEPHROTIC SYNDROME (CNS): EXPERIENCE OF ONE DIALYSIS CENTER
Pankratenko Taliia, teliana Abaseva1, 1Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 22Russian Medical Academy Postgraduate Education, Dept Pediatric Anesthesiology, Critical Care Medicine and Toxicology, Moscow, Russian Federation, 3Moscow State Medical Dental Univ, Dept Pediatrics, Moscow, Russian Federation.

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Marianna Lichosik1, Beata Jurkiewicz2, Joanna Samotyjek2, Katarzyna Jobs1, 1Military Inst Medicine, Dept Pediatrics, Nephrology and Allergology, Warsaw, Poland, 2Centre Postgraduate Medical Education, Dept Pediatric Surgery and Pediatric Urology, Dziekanow Leśny, Poland.

FP796
RATE AND TYPE OF INFECTIONS IN CHILDREN WITH IDIOPATHIC NEPHROTIC SYNDROME
Doaa Youssef1, Mona Shaaban2, Ali Abouzied2, 1Zagazig Univ, Pediatrics, Cairo, Egypt, 2Zagazig Univ, Pediatrics, Zagazig, Egypt.

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Doaa Youssef, Zagazig Univ, Pediatrics, Cairo, Egypt.

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Katarzyna KrólkoWsk4, Małgorzata Placzylska1, Mariana Lichosik1, Beata Jurkiewicz2, Joanna Samotyjek2, Katarzyna Jobs1, 1Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 2Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 3Moscow State medical dental univ, pediatrics, moscow, Russian Federation, 4Russian Medical Academy of Postgraduate Education, Children's intensive care, Moscow, Russian Federation, 5St. Vladimir Children's Moscow Clinical Hosp, Dialysis, Moscow, Russian Federation.
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Mairaa Aksenova1,2, Irina Shipitsyna3, Elena Gutsolovskaya3, Konstantin Mitrikov3, Dmitry Balashov3, YV. Vetelishev Research and Clinical Inst Pediatrics N.Pirogov Russian National Research M, nephrology, Moscow, Russian Federation, 2D. Rogachev Federal Scientific Clinical Center Children's Hematology, Oncology and Immunology, Consulting and diagnostic Dept, Moscow, Russian Federation, 3D. Rogachev Federal Scientific Clinical Center Children’s Hematology, Oncology and Immunology, HSCD Dept, Moscow, Russian Federation.

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Sanjeev Gulati1, Rachita Dhull1, Manoj Singh2, Alok Jain3, Rajeev Sinha4, Vishal Saxena5, 1Fortis Inst Renal Sciences and Transplantation, Nephrology, New Delhi, India, 2Fortis Hosp, Nephrology, NOIDA, India, 3Fortis Hosp, Nephrology, Jaipur, India, 4Fortis Hosp, Pediatric nephrology, Kolkata, India, 5Fortis Hosp, Nephrology, Gurugram, India.

LATE BREAKING CLINICAL TRIALS

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Sidy Saêk1, Oussmane Thiam2, Mohamed Dahaba3, Adama Kama4, Boucar Diouf5, David Warnock6, Univ Gaston Berger, Internal Medicine and Nephrology, Saint-Louis, Senegal, 2Univ Gaston Berger, Obstetrics and Gynecology, Saint-Louis, Senegal, 3CHN Matlaboul Fawzyeni, Nephrology, Toulouse, Senegal, 4CHREIN, Nephrology, Dakar, Senegal, 5Univ Cheikh Anta Diop, Nephrology, Dakar, Senegal, 6Univ Alabama Birmingham, Nephrology, Birmingham, AL.

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Elaine Rutherford1, Giles Roditi1, Graham Stewart2, Mark S. MacGregor3, Stephen Gandy4, Petra Rauchhaus5, Alan Jardine1, Patrick B. Mark1, Allan D. Struthers5, 1Inst Cardiovascular and Medical Sciences, Univ Glasgow, Glasgow, UK, 2Nephrology Dept, NHLS tayside, Dundee, UK, 3Nephrology Dept, Crosshouse Hospital, Ayrshire, UK, 4Dept Radiology, Ninewells Hospital, Dundee, UK, 5Div Molecular and Clinical Medicine, Univ Dundee, Dundee, UKM.

FP803
EFFECTS OF NICOTINAMIDE AND LANTHANUM CARBONATE ON SERUM PHOSPHATE AND FGF23 CONCENTRATIONS IN CHRONIC KIDNEY DISEASE: PRIMARY RESULTS OF THE COMBINE TRIAL
Joachim ix1, Tamara Isakova2, Brett Larive3, Kalani Raphae4, Dominic Raj5, Alfred K. Cheung4, Stuart Sprague6, Linda F Reid7, Jennifer Gassman8, Stephen Gandy4, Michael Fiessner9, Geoffrey Block10, 1Univ California San Diego, Medicine (Nephrology), San Diego, CA, 2Northwestern, Chicago, IL, 3Cleveland Clinic, Cleveland, OH, 4Univ Utah, Salt Lake City, UT, 5George Washington, Washington, DC, 6Northeastern, Evanston, IL, 7Univ Pittsburgh, Pittsburgh, PA, 8Duke, Durham, NC, 9NIDDK, Bethesda, MD, 10Denver Nephrology, Denver, CO.

FP804
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Colin J. Meyer1, Murali M. Chakinala2, Melanie P. Chin1, Daniel W. Cwyn3, Jeremy Feldman4, Angie Goldsberry1, Peter A. McCullough5, Megan O’Grady1, Fernando Teresa6, Ronald J. Oudiz7, Keith Ward8, R. J. White9, 1Reata Pharmaceuticals, Product Development, Irving, TX, 2Washington Univ, Pulmonary & Critical Care Division, St. Louis, MT, 3Washington Univ, Division of Nephrology, St. Louis, MT, 4Arizona Pulmonary Specialists, Phoenix, AZ, 5Bayou Vall Medical Center, Dallas, TX, 6Univ Texas Southwestern Medical Center, Dallas, TX, 7Los Angeles Biomedical Research Inst Harbor-UCLA Medical Center, Torrance, CA, 8Reata Pharmaceuticals, Development, Irving, TX, 9Univ Rochester Medical Center, Rochester, NY.

FP805
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David Warnock1, Sari Alon2, Raul Chertkoff2, Eunil Brill-Amon3, 1UAB, Medicine, Birmingham, AL, 2Protalix, Carmiel, Israel, 3Protalix, Carmiel, Israel.

FP806
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Pablo E. Perona1, Gerald Appel2, Ahmed Awad3, Geoffrey A. Block4, Melanie Chin5, Angie Goldsberry5, Lesley A. Inker6, Colin J. Meyer7, Aranj Rastogi8, Dana V. Rizki9, Arnold L. Silv9, 1Renal Associates PA, San Antonio, TX, 2Columbia Univ Medical Center, New York, NY, 3Clinical Research Consultants, LLC, Kansas City, MO, 4Denver Nephrology, Denver, CO, 5Reata Pharmaceuticals, Irving, TX, 6Tufts Medical Center, Boston, MA, 7Univ California Los Angeles Medical Center
### Posters

**REGISTRY POSTERS**

**Poster Area**

**REG 1**

**GEORGIA**

RENAL REPLACEMENT THERAPY IN GEORGIA IN 2013 - FOCUS ON DIAGNOSIS OF ESRD AND CONCURRENT DISEASES  
Dialysis, Nephrology and Transplantation Union of Georgia.

**REG 2**

**CZECH REPUBLIC**

THE CZECH REGISTRY OF DIALYSIS PATIENTS (RDP)  
Lidmila Francová1,2, Sylvie Dusilová Sušková2,3, Sylvie Opatrná4, Vladimír Tesař5, Ivan Rychlík1, on behalf of the Czech Society of Nephrology.  
1Charles University, Third Faculty of Medicine, Prague, Czech Republic, 2Hemodialysis Unit, Faculty Hospital, Hradec Králové, Czech Republic, 3Charles University, Faculty of Medicine, Hradec Králové, Czech Republic, 4Charles University, Faculty of Medicine, Plzeň, Czech Republic, 5Charles University, First Faculty of Medicine, Prague, Czech Republic.

**REG 3**

**PORTUGAL**

PORTUGUESE REGISTRY OF DIALYSIS AND TRANSPLANTATION  
Fernando Macário1, Rui Filipe2, Maria Carvalho3, Ana Galvão4, José Lopes5, Manuel Amoedo6, Gil Silva7, António Ferrinela8.  
1Nephrology Department, Centro Hospitalar e Universitário de Coimbra, 2Nephrology Department, Hospital Amato Lusitano, 3Nephrology Department, Centro Hospitalar do Porto, 4Nephrology Department, Centro Hospitalar e Universitário de Coimbra, 5Division of Nephrology and Renal Transplantation Centro Hospitalar Lisboa Norte, 6Nephrology department, Hospital do Espírito Santo Évora, 7Department of Nephrology, Hospital Central do Funchal, 8Department of Nephrology, Centro Hospitalar Lisboa Central.

**REG 4**

**IPNA**

THE INTERNATIONAL PEDIATRIC NEPHROLOGY ASSOCIATION (IPNA) GLOBAL RENAL REPLACEMENT THERAPY REGISTRY  
Sophie Ploos van Amstel1, Marlies Noordzij1, Bradley A. Warady2, Kitty J. Jager1, Franz Schaefer3.  
1Department of Medical Informatics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands, 2Division of Nephrology, Children’s Mercy Kansas City, University of Missouri-Kansas City School of Medicine, Kansas City, MO, USA, 3Division of Pediatric Nephrology, University of Heidelberg, Center for Pediatrics and Adolescent Medicine, Heidelberg, Germany.

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**CONGRESS HALL A1** 08:00 - 09:30

**Symposium 8.1**

**Hot topics in hypertension**

Chairs: Friedrich C. Luft, Berlin, Germany
Krzysztof Narkiewicz, Gdansk, Poland

Early vascular aging, hypertension and cardiovascular disease
Stéphane Laurent, Paris, France

Looking for optimal target blood pressure: implications of the recent trials
Sverre E. Kjeldsen, Oslo, Norway

Measuring, analyzing and managing drug adherence
Michel Burnier, Lausanne, Switzerland

Potential new targets for antihypertensive therapy
Krzysztof Narkiewicz, Gdansk, Poland

**CONGRESS HALL A2** 08:00 - 09:30

**Symposium 5.5**

**Challenges in CKD**

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
Evgueniy S. Vazelov, Sofia, Bulgaria

Acute and chronic cognitive changes in CKD
David Goldsmith, London, United Kingdom

Sleep disturbances in ESRD
Claire Kennedy, Dublin, Ireland

Treatment of HCV in CKD/ESRD: challenges and opportunities
Michel Jadoul, Brussels, Belgium

Milestones in hyperkalemia therapy or just an innovation
Ziad Massy, Paris, France
Scientific Programme

AUDITORIUM 10-11-12

Symposium 4.1

Update in plasmapheresis for treating kidney diseases

Chairs: Charles Pusey, London, United Kingdom
       Mårten Segelmark, Linköping, Sweden

Thrombotic thrombocytopenic purpura/hemolytic uremic syndrome
Petar Kes, Zagreb, Croatia

Renal transplantation
Paolo Malvezzi, Grenoble, France

Anti-neutrophil cytoplasm antibodies-associated vasculitis
Charles Pusey, London, United Kingdom

FSGS - soluble or solid?
Mario Schiffer, Hannover, Germany

C1-M1-2

Symposium 2.2

Paediatric nephrology

Chairs: Rukshana Shroff, London, United Kingdom
       Marina Vivarelli, Rome, Italy

Long-term outcome of patients with Lowe syndrome and Dent disease 2
Detlef Bockenhauer, London, United Kingdom

History of childhood kidney disease and risk of adult ESRD
Asaf Vivante, Ramat Gan, Israel

Minimal Change Disease
Marina Vivarelli, Rome, Italy

Scientific Programme

AUDITORIUM 15

Symposium 9.2

AKI in various circumstances

Chairs: Stéphane Gaudry, Colombes, France
       Raymond Vanholder, Ghent, Belgium

AKI in the intensive care unit
Michael Joannidis, Innsbruck, Austria

AKI after kidney transplantation
Alexandre Hertig, Paris, France

AKI during disasters
Mehmet Sukru Sever, Istanbul, Turkey

Consulting the patient with AKI in other clinics: what should be stressed by the nephrologist?
Mustafa Arici, Ankara, Turkey
**FREE COMMUNICATIONS**

**Sa0001**
THE NIMO UK STUDY: IS 1000 MG OF INTRAVENOUS IRON ENOUGH TO ACHIEVE HB TARGETS IN PRE-DIALYSIS ANAEMIC PATIENTS?


**Sa0002**
ADMINISTRATION OF HIGH DOSES (>1000 MG) OF IRON ISOMALTOSIDE IN CHRONIC KIDNEY DISEASE PATIENTS WITH IRON DEFICIENCY ANAEMIA GIVES AN EFFECTIVE INCREASE IN HAE-MOGLOBIN WITHOUT ADDITIONAL SAFETY CONCERNS

Sunil Bhandari1, Bjorn Wikstrom2, Philip Kalaria3, 1Hull and East Yorkshire Hosp NHS Trust, Nephrology, Hull, UK, 2Upsala Univ, Dept Medical Sciences, Nephrology, Uppsala, Sweden, 3Salford Royal Hosp, Nephrology, Salford, UK.

**Sa0003**
DOCOXECANIC ACID IMPROVES INFLAMMATORY PROFILE AND ANEMIA IN HEMODIALYSIS PATIENTS

Milagros Fernandez Lucas1, Sofia Ortego1, Mar Rupuerto2, Gloria Ruiz Roso1, Cristina Chadik1, Laura Blanco1, Fernando Llano1, 1Ramón y Cajal Hosp, Nephrology, Madrid, Spain, 2Alfonso X el Sabio Hosp, Human Nutrition and Dietetics, Madrid, Spain.

**Sa0004**
OCULAR SAFETY PROFILE OF DAPRODOUST: RESULTS OF TWO 24 WEEK STUDIES

Borut Cizman1, Jessica Ackert1, Amy Meadowcroft2, Nandita Biswas1, Deborah Kelly3, David Kleinman4, Alexander Cobitz1, 1GSK, R&D, Collegeville, PA, 2GSK, R&D, Research Triangle Park, NC, 3Spark Therapeutics, Pharmacovigilance, Philadelphia, PA, 4Flaum Inst, Strong Memorial Hosp, Rochester, NY.

**Sa0005**
ADMINISTRATION OF INTRAVENOUS IRON PREPARATIONS INDUCES COMPLEMENT ACTIVATION IN PATIENTS

Bernardo Faria1,2,3, Mariana Gaya da Costa2, Felix Poppelaars2, Tina Jager2, Anita Meter2, Mohamed Daha4, Carlo Gaillard2, Marc Seelen2, 1Hosp Braga, Nephrology, Braga, Portugal, 2Univ Medical Center Groningen, Nephrology, Groningen, Netherlands, 3INEB, I3S, Univ Porto, Nephrology and Infectious Diseases R&D Group, Porto, Portugal, 4Leiden Univ Medical Center, Nephrology, Leiden, Netherlands.

**FREE COMMUNICATIONS**

**Sa0006**
INCREASED PRE-GLOMERULAR RESISTANCE AND KIDNEY HYPOPERFUSION MAY SUSTAIN ACCELERATED GFR DECLINE IN HYPERTENSIVE, TYPE 2 DIABETICS WITH NORMAL AND HIGH NORMAL ALBUMINURIA

Fabiola Carrara1, Aneliya Parvanova1, Flavio Gasparini1, Antonio Bossi2, Ilian Petrov Iliev1, Nadia Stucchi1, Silvia Ferrari1, Antonio Cannata1, Piero Ruggenenti1, Giuseppem Remuzzi1, 1RCCS Ist Ricerche Farmacologiche Mario Negri, Centro Ricerche Cliniche Malattie Rare Aldo e Cele Daccò, Bergamo, Renal Medicine, Bergamo, Italy, 2Endocrine Disease and Diabetes Unit, Azienda Socio-Sanitaria Territoriale Bergamo Ovest, Treviglio-Caravaggio-Romano, Diabetology, Treviglio, Italy.

**Sa0007**
EFFECT OF ADDING VILDAGLITPIN TO INSULIN THERAPY IN TYPE 2 DIABETIC DIALYSIS PATIENTS: THE VILDDIAL STUDY A RANDOMIZED MULTICENTRIC PROSPECTIVE STUDY

François Chantrel1, Marion Munch2, Farideh Alenabi3, Aicha Sissoko4, Kristian Kunz5, Joelle Cridlig6, Alexandre Klein7, Didier Ducloû8, Thierry Hannedouch9, Dominique Fleury10, Laurent Meyer2, Agnès Smagala11, Nicolas Meyer12, Odile Verier13, Bruno Guerre14, François Chantrel1, 1GHR-MSA, Nephrology, Mulhouse, France, 2HUS, Endocrinology, Strasbourg, France, 3Suisse, Nephrology, Strasbourg, France, 4Aural Colmar, Nephrology, Colmar, France, 5Aural, Nephrology, Strasbourg, France, 6CHU, Nephrology, Nancy, France, 7HUS, Nephrology, Mulhouse, France, 8HUS, Endocrinology, Strasbourg, France, 9HUS, Endocrinology, Nancy, France, 10CH, Nephrology, Strasbourg, France, 11HCC Colmar, Endocrinology, Colmar, France, 12HUS, Endocrinology, Strasbourg, France, 13CH, Endocrinology, Valenciennes, France, 141CHU, Endocrinology, Nancy, France, 15GHR-MSA, Endocrinology, Mulhouse, France, 16HUS, Endocrinology, Colmar, France.
SaO009
GASTROINTESTINAL MOTILITY IN PATIENTS WITH END-STAGE RENAL DISEASE ON CHRONIC HEMODIALYSIS
Bo Broberg1,2, Jan L. Madsen3, Stefan Fuglsang3, Jens J. Holst4, Karl B. Christiansen5, Casper Rydahl2, Thomas Idom1, Bo Feldt-Rasmussen1,6, Mads Homum1,6, 1Rigshospitalet, Dept Nephrology, Copenhagen, Denmark, 2Herlev Hosp, Dept Nephrology, Herlev, Denmark, 3Hvidovre Hosp, Dept Clin Di
cial Physiology and Nuclear Medicine, Centre Functional and Diagnostic Imaging, Hvidovre, Denmark, 4Panum Inst, Univ Copenhagen, Dept Biomedical Sciences and NNF Center Basic Metabolic Research, Copenhagen, Denmark, 5Univ Copenhagen, Dept Public Health, Section Biostatistics, Copenhagen, Denmark, 6Univ Copenhagen, Dept Clinical Medicine, Copenhagen, Denmark.

SaO010
STANDARDIZED CLINICAL FOOT EXAMINATION IN PREVALENT DIABETIC HEMODIALYSIS PATIENTS - A EUROPEAN MULTICENTER ANALYSIS
Werner Kleophas1,2, Joao Frazao3,4, Szymon Brzosko5,6, Maciej Drozdz7, Abdulkareem O. Alsuwaidi8, Fatima Silval9, Sebahat Sat10, Stefan H. Jacobsson11, 1MVZ Davita Rhein-Ruhr, Nephrology, Dusseldorf, Germany, 2Heinrich-Heine-Universität, Nephrological Klinik, Dusseldorf, Germany, 3Davita, Nephrology, Porto, Portugal, 4São João Hosp Center, Dept Nephrol, School Medicine Univ, Porto, Portugal, 5Davita Poland, Nephrology, Wrocław, Poland, 6Dept Nephrol Transplant, Medical Univ, Medical Univ, Bialystok, Poland, 7Davita Int, Nephrology, Amsterdam, Netherlands, 8King Saud Univ, Medicine, Riyadh, Saudi Arabia, 9Davita, Nephrology, Lisbon, Portugal, 10MVZ DaVita Rhein-Ruhr, Nephrology, Essen, Germany, 11Dept Nephrol, Danderyd Univ Hosp, Karolinska Inst, Stockholm, Sweden.

C1-M4
Free Communication Session 18 + Mini Lecture

Transplantation treatment

Chairs: Jadranka Buturovic Ponikvar, Ljubljana, Slovenia
Karsten Midtvedt, Oslo, Norway

Mini lecture
New clinical trials on organ transplantation

Josep Cruzado, Barcelona, Spain

FREE COMMUNICATIONS

SaO011
A PHASE-I CLINICAL TRIAL OF DONOR-DERIVED MIC CELL INFUSION FOR THE INDUCTION OF DONOR-SPECIFIC HYPERRESPONSIVENESS AFTER LIVING DONOR KIDNEY TRANSPLANTATION (TOL-1 STUDY)
Christian Morath1, Anita Schmitt2, Christian Kleist3, Volker Daniel3, Gerhard Oepel3, Caner Süsal3, Florian Kalbli1, Luiza Pego da Silva1, Claudia Sommer1, Lei Wang2, Angela Hückelhoven2, Uta Merele4, Arianeb Mehrabi5, Carsten Müller-Tidow2, Martin Zeier1, Michael Schmitt2, Matthias Schaier1, Peter Temess3, 1Univ Heidelberg, Nephrology, Heidelberg, Germany, 2Univ Heidelberg, Hematology, Heidelberg, Germany, 3Univ Heidelberg, Transplantation Immunology, Heidelberg, Germany, 4Univ Heidelberg, Gastroenterology, Heidelberg, Germany, 5Univ Heidelberg, Surgery, Heidelberg, Germany.

SaO012
INFUSION OF THIRD PARTY MESENCHYMAL STROMAL CELLS AFTER RENAL TRANSPLANTATION: A PHASE-I OPEN-LABEL CLINICAL STUDY
Pauline Erpicum1,2, Laurent Weekers1, Olivier Detry3,2, Catherine Bonvoisin1, Marie-Hélène Delbouille3, Etienne Baudoux4, Alexandre Briquet4, Céline Grégoire4,5,6, Chantal Lechanteur4, Gianni Maggipinto7, Hans Pottel8, Frédéric Baroud4,5,6, François Jouret1,2, Yves Beguin4,5,6, 1CHU Liège, Nephrology, Liège, Belgium, 2Univ Liège, Groupe Interdisciplinaire Génoprotéomique Appliquée (GIGA), Cardiovascular Sciences, Liège, Belgium, 3CHU Liège, Abdominal Surgery and Transplantation, Liège, Belgium, 4CHU Liège, Lab Cell and Gene Therapy, Liège, Belgium, 5Univ Liège, GIGA, 6Hematology, Liège, Belgium, 7CHU Liège, Hematology, Liège, Belgium, 8KUL Leuven, KU Leuven Kulak, Dept Public Health and Primary Care, Kortrijk, Belgium.

SaO013
SIGNIFICANCE OF INDUCTION THERAPY WITH IL-2 RECEPTOR ANTAGONIST IN STANDARD-RISK RENAL TRANSPLANT IN TACROLIMUS ERA: A META-ANALYSIS

SaO014
USE OF A MOBILE APP TO IMPROVE MEDICATION ADHERENCE IN KIDNEY TRANSPLANT RECIPIENTS - A PROSPECTIVE INTERVENTIONAL STUDY
Oliver Staeck, Sebastian Georgi, Dmytro Khadzhynov, Lukas Lehner, Eva Schrezenmeier, Danilo Schmidt, Petra Glander, Klemens Budde, Fabian Halleck, Charité Universitätsmedizin, Dept Nephrology and Medical Intensive Care, Berlin, Germany.
SaO015
INTERVENTIONS FOR PREVENTING BONE DISEASE IN KIDNEY TRANSPLANT RECIPIENTS: COCHRANE SYSTEMATIC REVIEW
Suetoia Palmer1, Edmund Chung2, David McGregor3, Jorgen Hegbrant4, Giovanni F. M. Strippoli5,4, 1Univ Otago Christchurch, Medicine, Christchurch, New Zealand, 2Royal North Shore Hosp, Medicine, Sydney, Australia, 3Christchurch Hosp, Nephrology, Christchurch, New Zealand, 4Diaverum, Medical Scientific Office, Lund, Sweden, 5Univ Bari, Emergency and Organ Transplantation, Bari, Italy.

ERA-EDTA GENERAL ASSEMBLY
(Members cat. A and B only)

C1-M5 09:30 - 10:45
All ERA-EDTA members (cat. A and B only) are invited to participate in the ERA-EDTA General Assembly.
Access is strictly reserved to current ERA-EDTA members (cat. A and B) only: please have your ERA-EDTA membership card with you to allow entry to the meeting (access to the meeting room will be monitored). The membership card can be downloaded from the ERA-EDTA website (restricted area).
Full ERA-EDTA members (cat. A and B) have voice and vote during the meeting. Associate ERA-EDTA members (cat. A and B) have voice, but cannot vote.
CONGRESS HALL A1 10:45 - 11:30

Plenary Lecture 3

Chairs: Lisbet Brandi, Hillerød, Denmark
Vladimir Tesar, Prague, Czech Republic

From the RNA world to the clinic: RNAs as drugs and drug targets
Bruce A. Sullenger, Durham, U.S.A.

CONGRESS HALL A1 11:45-13:15

Symposium 4.7

ERA-EDTA/ISN Co-branded Session

CKD as a public health priority: organizational models

Chairs: Christoph Wanner, Würzburg, Germany

CKD Epidemiology in 2017-2050: primary and secondary prevention
Marcello Tonelli, Calgary, Canada

The impact of a virtual CKD service
Gavin Dreyer, London, United Kingdom

Integrated clinical care for CKD
Adeera Levin, Vancouver, Canada

Factors affecting adherence in CKD
Anna Birna Almarsdóttir, Copenhagen, Denmark

CONGRESS HALL A2 11:45-13:15

Symposium 0.6

Joint Symposium ERA-EDTA & CSN (Chinese Society of Nephrology)

Chairs: Hans-Joachim Anders, Munich, Germany
Guang-Yan Cai, Beijing, P.R. China

Genetic study of IgA nephropathy
Ming Li, Guangzhou, P.R. China

Lyn and Fyn function as molecular switches that control renal inflammation
Renato Monteiro, Paris, France

Lymphangiogenesis: a new mechanism for renal inflammation and fibrosis
Rui Zeng, Wuhan, P.R. China

The innate immune system and CKD progression
Hans-Joachim Anders, Munich, Germany

AUDITORIUM 10-11-12 11:45-13:15

Symposium 0.8

Joint Symposium ERA-EDTA & ESPN (European Society for Paediatric Nephrology)

Chairs: Dimitrios Goumenos, Patras, Greece
Elena Levchenko, Leuven, Belgium

X-linked hypophosphatemic rickets – from childhood to adulthood
Dieter Haffner, Hannover, Germany

Age-related changes in clinical picture of ANCA-mediated vasculitis
Rezan Topaloglu, Ankara, Turkey

Survival in children requiring chronic renal replacement therapy
Nicholas Chesnaye, Amsterdam, The Netherlands

CKD-MBD in paediatric population
Rukshana Shroff, London, United Kingdom
SATURDAY, MAY 26

HQ CONGRESS HALL A3
Free Communication Session 19 + Mini Lecture

Glomerulonephritis 1

Chairs: Rosanna Coppo, Turin, Italy
        Aikaterini Papagianni, Thessaloniki, Greece

Mini lecture
Treatment of complement related glomerulopathies including HUS
Giuseppe Remuzzi, Bergamo, Italy

FREE COMMUNICATIONS

SaO016 ACUTE POST INFECTIOUS GLOMERULONEPHRITIS: IS IT ALWAYS SO BENIGN?
Valentina Bruno1, Francesca Nuzzi1, Maria D’Armiento2, Gabriele Malgeri1, Giuseppe Marino Mar-silia3, Carmine Pecoraro4, 1Santobono Hosp, Paediatric Nephrology, Naples, Italy, 2Federico II Univ, Anatomical Pathology, Naples, Italy, 3Cardarelli Hosp, Anatomical Pathology, Naples, Italy, Italy, 4Santobono Hosp, Nephrology, Naples, Italy.

SaO017 ANTIPHOSPHOLIPID ANTIBODIES IN LUPUS NEPHRITIS - A SINGLE CENTRE EXPERIENCE
Desmond YH Yap, Kah Mean Thong, Susan Yung, Colin Tang, Becky M. Ma, Tak Mao Chan, Univ Hong Kong, Dept Medicine, Hong Kong, Hong Kong,

SaO018 FACTOR D INHIBITION WITH ACH-4471 TO REDUCE COMPLEMENT ALTERNATIVE PATHWAY HYPERACTIVITY AND PROTEINURIA IN C3 GLOMERULOPATHY: PRELIMINARY PROOF OF CONCEPT DATA
Hetal Kocinsky1, Cass Kelleher1, David Apelian1, Angela Bulawaski1, Michael Geffner1, Mingjun Huang1, John Price1, Joanna Yang1, Siwen Yang1, Yongsen Zhao1, Nicole van de Kar2, Jack Wetzels3, Koen Bouman4, Terence Cook5, Tom Barbou6, 1Achillion Pharmaceuticals, R&D, New Haven, CT, 2Radboud UMC Amalia Children’s Hosp, Dept Pediatric Nephrology, Nijmegen, Netherlands, 3Radboud UMC, Dept Nephrology, Nijmegen, Netherlands, 4ZNA Nierkliniek Middelheim, Dept Nephrology, Antwerp, Belgium, 5Imperial College, Dept Medicine, London, UK, 6Royal Melbourne Hosp, Dept Medicine, Melbourne, Australia.

SaO019 COMBINED VARIATIONS IN COMPLEMENT LECTIN PATHWAY SYNERGISTICALLY ACCELERATE PROGRESSION IN IGA NEPHROPATHY
Yan Ouyang1, Meng Yang2, XIAOYAN Zhang2, Manman Shi2, Xiaoxia Pan2, Hong Ren2, Weiming Wang2, Jingyuan Xie2, Nan Chen2, 1Inst Nephrology, School Medicine, Shanghai Jiaotong Univ, Dept Nephrology, Shanghai, China, 2QiuJin Hosp, Shanghai Jiao Tong Univ, Dept Nephrology, Shanghai, China.

C1-M1-2  11:45-13:15
Symposium 9.3

Renal Replacement Therapy in the Intensive Care Unit

Chairs: Jonathan G. Fox, Glasgow, United Kingdom
        Wim Van Biesen, Ghent, Belgium

Renal replacement therapy indications in patients with severe AKI in ICU
Julien Maizel, Amiens, France
Continuous Renal Replacement Therapy
Esteban Poch, Barcelona, Spain

Pro RRT Delayed strategy
Stephane Gaudry, Colombes, France
Con RRT Delayed strategy
Melanie Meersch, Münster, Germany

AUDITORIUM 15  11:45-13:15
Symposium 0.1

ERA-EDTA Registry Symposium

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

Trends in the Kidney Donor Risk Index (KDRI) in Europe
Maria Pippias, Amsterdam, The Netherlands
The European EDITH kidney patients survey on treatment modality choice
Rianne De Jong, Amsterdam, The Netherlands
Nutritional status decline in older adults with advanced Chronic Kidney Disease; results from the EQUAL study
Marie Evans, Stockholm, Sweden
European disparities in access to transplantation and graft failure in children
Marjolein Bonthuis, Amsterdam, The Netherlands
SaO020

RITUXIMAB AS MAINTENANCE THERAPY FOR SYSTEMIC LUPUS ERYTHEMATOSUS
Federico Alberici1, Matthias Cassia1,2, Rachel Jones3, Giovanni Casazza2, Maria Letizia Urban4, Giacomino Emmi5, Gabriella Moroni6, Renato A. Sinico7, Piergiorgio Messa6, Augusto Vaglio6, Frances Hall8, Maurizio Gallieni1,2, David Jayne3, 1ASST Santi Paolo e Carlo, San Carlo Borromeo Hosp, Nephrology Unit, Milano, Italy, 2Univ Milan, Polo Osp Sacco, Milano, Italy, 3Univ Cambridge, Dept Medicine, Cambridge, UK, 4Univ Hosp Parma, Nephrology Unit, Parma, Italy, 5Univ Florence, Experimental and Clinical Medicine Dept, Firenze, Italy, 6Fondazione IRCCS Ca’ Grande Osp Maggiore Milano, Nephrology Unit, Milano, Italy, 7Univ Milan Bicocca, Dept Medicine and Surgery, Monza, Italy, 8Cambridge Univ Hosp, Rheumatology Unit, Cambridge, Italy.

C1-M3

Free Communication Session 20 + Mini Lecture

CKD epidemiology

Chairs: Goce Spasovski, Skopje, F.Y.R. of Macedonia Bénédicte Stengel, Villejuif, France

Mini lecture
Changing face of HIV related kidney disorders
Alberto Ortiz, Madrid, Spain

SaO021

ISCHAEMIC STROKE, HAEMORRHAGE, AND MORTALITY IN ELDERLY PATIENTS WITH CHRONIC KIDNEY DISEASE NEWLY STARTED ON ANTI-COAGULATION FOR ATRIAL FIBRILLATION - A POPULATION BASED STUDY FROM UK PRIMARY CARE
Shankar Kumar1, David Goldsmith2, 1Univ College London, Radiology, London, UK, 2Guy’s and St Thomas’ Hosp, Renal and Transplantation, London, UK.

SaO022

REINTERPRETING CIRCULATING CARDIAC BIOMARKERS IN ADVANCED CHRONIC KIDNEY DISEASE: ASSOCIATION WITH LONG-TERM CARDIOVASCULAR EVENTS
Mark Canney1, Mila Tang2, Ognjenka Djurdjev3, Adeera Levin1, 1Univ British Columbia, Nephrology, Vancouver, BC, Canada, 2St. Paul’s Hosp, Nephrology Research, Vancouver, BC, Canada, 3BC Renal Agency, Analytics, Vancouver, BC, Canada.

SaO023

OPTIMAL PLASMA POTASSIUM RANGES FOR MORTALITY PREDICTION ACROSS CHRONIC KIDNEY DISEASE STAGES; THE STOCKHOLM CREATinine MEASUREMENTS (SCREAM) PROJECT
Alessandro Gasparini1, Marie Evans2, Hairong Xu3, Carl-Gustaf Elinder2, Juan-Jesus Carrero4, 1Univ Leicester, Biostatistics Research Group, Dept Health Sciences, Leicester, UK, 2Karolinska Inst, Dept Clinical Science, Intervention and Technology, Stockholm, Sweden, 3AstraZeneca, Global Medical Affairs, Gaithersburg, MD, 4Karolinska Inst, Dept Medical Epidemiology and Biostatistics, Stockholm, Sweden.

SaO024

INCIDENCE, PREDICTORS AND CLINICAL MANAGEMENT OF HYPERKALEMIA IN NEW USERS OF MINERALOCORTICOID RECEPTOR ANTAGONISTS...
Marco Trevisan1, Pietro de Deco2, Hairong Xu3, Marie Evans4, Bengt Lindholm5, Rino Bellocco2,1, Peter Barany5, Tomas Jernberg6, Lars H. Lund7, Juan Jesus Carrero1, 1Karolinska Inst, Medical Epidemiology and Biostatistics, Stockholm, Sweden, 2Univ Milano Bicocca, Statistics and Quantitative methods, Milan, Italy, 3AstraZeneca, Epidemiology, Gaithersburg, MD, 4Karolinska Univ Hosp, Nephrology, Stockholm, Sweden, 5Karolinska Inst, Clinical Science, Intervention and Technology, Stockholm, Sweden, 6Karolinska Inst, Clinical Sciences, Stockholm, Sweden, 7Karolinska Inst, Medicine, Stockholm, Sweden.
ASQ Travel Grant (see page 32)  SaO025
PREVALENCE AND RISK FACTORS OF CHRONIC KIDNEY DISEASE (CKD) IN SOUTH KIVU, DEMOCRATIC REPUBLIC OF CONGO (DRC); A POPULATION-BASED STUDY.
Masimango Imani Mannix1, Sumaili K. Ernest2, Pierre Wallenmacq3, Michel Jadoul4, 1Univ Catholique Bukavu, Internal Medicine, Bukavu, Congo, 2Univ Catholique Kinshasa, Nephrology, Kinshasa, Congo, 3Univ Catholique Louvain, Lab Medicine, Brussels, Belgium, 4Univ Catholique Louvain, Nephrology, Brussels, Belgium.

C1-M4  11:45 - 13:15
Free Communication Session 21 + Mini Lecture

CKD-MBD
Chair: Pieter Evenepoel, Leuven, Belgium
Ditte Hansen, Copenhagen, Denmark

Mini lecture
How to increase serum Klotho concentration?
Makoto Kuro-o, Shimotsuke, Japan

FREE COMMUNICATIONS
SaO026  AORTA EXPRESSION OF CORE CIRCADIAN CLOCK GENES IS DISRUPTED IN UREMIC VASCULAR CALCIFICATION
Eva Gravesen1, Jakob Lewin Rukov1, Maria Lerche Mace2,1, Anders Nordholm2,1, Marya Morevat1, Klaus Olgaard1, Ewa Lewin2,1, 1Rigshospitalet, Nephrological Dept P, Copenhagen, Denmark, 2Herlev Hosp, Nephrological Dept B, Copenhagen, Denmark.

SaO027  CHANGES IN BONE-MINERAL PARAMETERS PREDICT SUBSEQUENT MORTALITY IN HEMODIALYSIS PATIENTS - INSIGHTS FROM THE EUROPEAN ARO-COHORT
Jürgen Floege1, Claudia Lamina2, Peter Stenvinkel3, Marc Froissart4, David Wheeler5, Kai-Uwe Eckardt6, Florian Kronenberg2, 1Univ Aachen, Nephrology, Aachen, Germany, 2Univ Innsbruck, Genetic Epidemiology, Innsbruck, Austria, 3Karolinska Univ Hosp Huddinge, Nephrology, Stockholm, Sweden, 4Centre Hosp Univ Vauois, Clinical Trial Unit, Lausanne, Switzerland, 5Univ College London, Nephrology, London, UK, 6Charité Hosp, Nephrology, Berlin, Germany.

SaO028  FGF23 MITIGATES HYPERPHOSPHATEMIA AND CAUSES LOW 1,25-DIHYDROXYVITAMIN D LEVELS AFTER ACUTE KIDNEY INJURY IN RATS
Hirotaka Komaba1,2,3, Hiroaki Ishida4, Naoto Hamano1, Kaichiro Sawada1, Takehiko Wada1, Michio Nakamura4, Masafumi Fukagawa1, 1Tokai Univ School Medicine, Div Nephrology, Endocrinology and Metabolism, Isehara, Japan, 2Tokai Univ School Medicine, Interactive Translational Research Center Kidney Diseases, Isehara, Japan, 3Tokai Univ School Medicine, Dept Transplant Surgery, Isehara, Japan, 4Tokai Univ School Medicine, Dept Nephrology, Isehara, Japan.

SaO029  CHRONIC KIDNEY DISEASE MODIFIES DEVELOPMENT OF HYPOPHOSPHATEMIA AFTER FERRIC CARBOXYMALTOSIDE INFUSION
Vincent Brandenburg, Lukas Sandstede, Robert Stöhr, Univ Hosp Aachen, Cardiology, Aachen, Germany.

SaO030  FIVE-YEAR MORTALITY AND HOSPITALIZATION RISK ASSOCIATED WITH CHRONIC KIDNEY DISEASE MINERAL BONE DISEASE (CKD-MBD)
Luca Neri1, Ursula Kreuzberg2, Francesco Bellocchio1, Stefano Stuard3, Carlo Barbieri1, Markus Keteler4, 1Fresenius Medical Care, Care Value Advanced Analytics, Palazzo Pignano, Italy, 2Fresenius Medical Care, Care Innovation, Bad Homburg, Germany, 3Fresenius Medical Care, Clinical & Therapeutical Governance, Bad Homburg, Germany, 4Klinikum Coburg GmbH, Div Nephrology, Coburg, Germany.
**Symposium 6.4**

**Home haemodialysis in Europe 2018**

Chairs: **Peter J. Blankestijn**, Utrecht, The Netherlands  
**Andrew Davenport**, London, United Kingdom

- Home haemodialysis and control of phosphatemia  
  **Antonio Bellasi**, Como, Italy
- Home haemodialysis and quality of life  
  **Edwina Brown**, London, United Kingdom
- Long-term prognosis with home haemodialysis  
  **Helena Rydell**, Lund, Sweden

**Symposium 5.6**

**Cardiovascular calcifications in CKD**

Chairs: **Ligia Petrica**, Timisoara, Romania  
**Marc Vervloet**, Amsterdam, The Netherlands

- Pathophysiology of vascular calcification  
  **Mario Cozzolino**, Milan, Italy
- Vitamin K in CKD patients  
  **Jürgen Floege**, Aachen, Germany
- Calcium sensing receptor and calcimimetics  
  **Jordi Bover**, Barcelona, Spain
- Energy-dense diets and vascular calcification  
  **J. Mariano Rodriguez Portillo**, Cordoba, Spain

**Symposium 4.6**

**Focus on surrogate end-points in Nephrology**

Chairs: **Myftar Barbullushi**, Tirana, Albania  
**Rumeyza Turan Kazancioglu**, Istanbul, Turkey

- Validation of surrogate end-points in Nephrology: less simple than it may seem  
  **Kitty J. Jager**, Amsterdam, The Netherlands
- Albuminuria as end-point in clinical trials in Nephrology: acceptable?  
  **Ron T. Gansevoort**, Groningen, The Netherlands
- Coronary calcification as a cardiovascular end-point in clinical trials in nephrology: lights and shades  
  **Gérard London**, Fleury-Mérogis, France
- Challenges and opportunities in the conduct of clinical trials in nephrology  
  **Adeera Levin**, Vancouver, Canada

**Symposium 3.3**

**Plasma cell dyscrasias and the kidney**

Chairs: **Frank Bridoux**, Poitiers, France  
**Andrzej Więcek**, Katowice, Poland

- Myeloma cast nephropathy – any role for extracorporeal treatments?  
  **Frank Bridoux**, Poitiers, France
- Primary amyloidosis – current best practices  
  **Romana Rysava**, Prague, Czech Republic
- Randall-type monoclonal immunoglobulin deposition disease  
  **Camille Cohen**, Paris, France
- The complexity and heterogeneity of monoclonal Ig- associated kidney diseases  
  **Sanjeev Sethi**, Rochester, U.S.A.
Symposium 1.2

Mitochondria: critical players in kidney disorders

Chairs: Ariela Benigni, Bergamo, Italy
       Tobias Huber, Hamburg, Germany

Podocyte metabolism in health and disease
Tobias Huber, Hamburg, Germany

Mitochondrial cytopathies and the kidney
Francesco Emma, Rome, Italy

Mitochondrial dysfunction in AKI
Ariela Benigni, Bergamo, Italy

FREE COMMUNICATIONS

SaO031
THERAPEUTIC ANGIOGENESIS PROMOTES RENAL RECOVERY IN CKD PARTLY BY SHIFTING MACROPHAGE PHENOTYPE
Alejandro R. Chade1, Jason Engel2, Maxx Williams2, Gene L. Bidwell, III3, 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, Neurology and Cell and Molecular Biology, Jackson, MS.

SaO032
PAPILLARY RENAL CELL CARCINOMA ORIGINATES FROM A POPULATION OF RENAL PROGENITOR CELLS AND IS PROMOTED BY ACUTE KIDNEY INJURY
Anna J. Peired1, Giulia Antonelli1, Maria Lucia Angelotti1, Alessandro Sisti1, Marco Allinovi1, Maria Rosaria Raspolli2, Paola Romagnani3, 1Univ Florence, Dept Experimental, Clinical and Biomedical Sciences Mario Serio, Florence, Italy, 2Univ Hosp Careggi, Histopathology and Molecular Diagnostics, Florence, Italy, 3Meyer Children’s Univ Hosp, Nephrology Unit, Florence, Italy.

SaO033
EXCESSIVE FORMATION OF NEUTROPHIL EXTRACELLULAR TRAPS HAVE A DIFFERENT ROLE IN THE PATHOGENESIS OF ANCA-ASSOCIATED VASCULITIS AND SYSTEMIC LUPUS ERYTHEMATOSUS
Laura S. van Dam1, Tineke Kraaij1, Sylvia W.A. Kamerling1, Hans U. Scherer2, Ton J. Rabelink1, Gees van Kooten1, Y.K.O. Teng1, 1LUMC, Nephrology, Leiden, Netherlands, 2LUMC, Rheumatology, Leiden, Netherlands.
Scientific Programme

C1-M3 15:00 - 16:30
Free Communication Session 23 + Mini Lecture

Clinical hypertension 2

Chairs: Giuseppe Mancia, Milan, Italy
Krzysztof Narkiewicz, Gdansk, Poland

Mini lecture
The presence and the future of antihypertensive therapy
Giuseppe Mancia, Milan, Italy

FREE COMMUNICATIONS

SaO034 GLOMERULAR HYPERFILTRATION IS AND INDEPENDENT PREDICTOR OF ADVERSE CARDIOVASCULAR EVENTS
Gioia Fiorucci1, Paolo Palatini2, Sara Signorotti1, Antonio Selv3, Paolo Verdeccia4, Gianpaolo Rebold1, 1Univ Perugia, Dept Medicine, Perugia, Italy, 2Univ Padua, Dept Medicine, Padova, Italy, 3Hospital Assisi, Div Nephrology, Assisi, Italy, 4Hospital Assisi, Div Medicine, Assisi, Italy.

SaO035 LONG-TERM REPRODUCIBILITY OF HYPERTENSION PHENOTYPES IN A CKD OUTPATIENT CLINIC
Adamasco Cupisti, Lorenzo Ghidoni, Elisabetta Giglio, Ophelia Meniconi, Claudia Zullo, Michele Marchini, Enrico Varrichio, Alessandro Puntoni, Massimiliano Barsotti, Maria Francesca Egidii, Univ Pisa, Clinical and Experimental Medicine, Pisa, Italy.

SaO036 MINERALOCORTICOID RECEPTOR ANTAGONISTS AUGMENT ARGININE TRANSPORT AND NITRIC OXIDE GENERATION THROUGH MODULATION OF CATIONIC AMINO ACID TRANSPORTER-1 IN HUMAN UMBILICAL VEIN ENDOTHELIAL CELL.
Moshe Shashar, Doron Schwartz, Idit F. Schwartz, Tel Aviv Sourasky Medical Center, Nephrology, Tel Aviv, Israel.

SaO037 PERCUSSIONOUS TRANSLUMINAL RENAL ANGIOPLASTY IN SELECTED PATIENTS WITH PRONOUNCED RENAL HYPERFILTRATION IMPROVES BLOOD PRESSURE CONTROL AND RE-NAL FUNCTION
Mark Reinhard1, Sten Langfeldt2, Hossain H. Mafi2, Nikolaj Eldrup3, Kent L. Christensen4, 1Aarhus Univ Hosp, Clinic hypertension and Renal Medicine, Aarhus N, Denmark, 2Aarhus Univ Hosp, Radiology, Aarhus N, Denmark, 3Aarhus Univ Hosp, Cardiothoracic and Vascular Surgery, Aarhus N, Denmark, 4Aarhus Univ Hosp, Clinic hypertension and Cardiology, Aarhus N, Denmark.

SaO038 BIOMARKERS OF GLOMERULAR DYSFUNCTION IN PRE-ECLAMPSIA - A SYSTEMATIC REVIEW.
Robert N. Kerley1, Cathal McCarthy2, 1Cork Univ Hosp, Medicine, Cork, Ireland, 2Irish Centre Translational Research, Obstetrics and Gynaecology, Cork, Ireland.

Scientific Programme

C1-M4 15:00 - 16:30
Free Communication Session 24 + Mini Lecture

Extracorporeal treatment

Chairs: Carlo Basile, Acquaviva delle Fonti, Italy
Jeroen Kooman, Maastricht, The Netherlands

Mini lecture
Resistant hypertension in ESRD - is it just water that matters?
Francesca Mallamaci, Reggio Calabria, Italy

FREE COMMUNICATIONS

SaO039 A COMPARISON OF PATIENT SURVIVAL ON HAEMODIAFILTRATION AND STANDARD HAEMODIALYSIS: A BINATIONAL INCEPTION COHORT STUDY USING THE AUSTRALIA AND NEW ZEALAND DIALYSIS AND TRANSPLANT REGISTRY
Emily See1, James Hedley2, John Agar3, Carmel Hawley4, David Johnson4, Patrick Kelly2, Vincent Lee5, Kathy Mac5, Kevan Polkinghome1, Kannaiyan Rabindranath6, Kamal Sud7, Angela Webster5, 1Monash Health, Nephrology, Melbourne, Australia, 2Univ Sydney, Public Health, Sydney, Australia, 3Univ Hosp, Nephrology, Geelong, Australia, 4Princess Alexandra Hosp, Nephrology, Brisbane, Australia, 5Westmead Hosp, Nephrology, Sydney, Australia, 6Waikato District Hosp, Nephrology, Hamilton, New Zealand, 7Nepean Hosp, Nephrology, Kingswood, Australia.

SaO040 TREATMENT OF BACTEREMIA DURING DIALYSIS USING A BIOMIMETIC SORBENT HEMOPERFUSION DEVICE - RESULTS OF AN ONGOING FIRST-IN-HUMAN STUDY
Gabriele Eden1, Philipp Kümper2, Robert Ward3, Keith McCrea4, Kathy White5, Carsten Hafer1, Jan T. Kiehlstein1, 1Academic Teaching Hosp Braunshweig, Nephrology Rheumatology Blood Purification, Braunshweig, Germany, 2Univ Hosp Münster, Div General Internal Medicine, Nephrology, and Rheumatology, Münster, Germany, 3ExThera Medical Corporation, CEO, Martinez, CA, 4ExThera Medical Corporation, CSO, Martinez, CA, 5ExThera Medical, COO, Martinez, CA.

SaO041 EVALUATION OF THE EFFICACY OF A MEDIUM CUT OFF DIALYZER AND COMPARISON TO OTHER HIGH FLUX DIALYZERS IN CONVENTIONAL HEMODIALYSIS AND ONLINE HEMODIAFILTRATION

SaO042 ULTRAFILTRATION RATE IS POSITIVELY ASSOCIATED WITH MORTALITY RISK IN HOME HEMODIALYSIS PATIENTS
Kristine M. Kubisik1, Allan J. Collins1,2, Eric D. Weinhandl1,3, 1NxStage Medical, Medical Affairs, Lawrence, MA, 2Univ Minnesota, Medicine, Minneapolis, MN, 3Univ Minnesota, Pharmaceutical Care & Health Systems, Minneapolis, MN.

SaO043 FROM DRY WEIGHT TO TARGET BLOOD VOLUME: A NEW APPROACH TO AUTOMATED VOLUME MANAGEMENT IN HAEMODIALYSIS
Susanne Kron1, Daniel Schneditz2, Till Leimbach3, Klemens Budde1, Joachim Kron3, 1Charite Universitätsmedizin Berlin, Nephrology, Berlin, Germany, 2Medical Univ Graz, Inst Physiology, Graz, Austria, 3KH Kidney Centre, Berlin-Köpenick, Berlin, Germany.
**Inflammation in CKD**

**Chairs:** Peter Barany, Stockholm, Sweden  
Juan Jesus Carrero, Stockholm, Sweden

**Mini lecture**

Inflammasome activation in kidney disease  
Shrikant Ramesh Mulay, Munich, Germany

**FREE COMMUNICATIONS**

- **SaO044**
  ACTIVATION OF THE NLRP3 INFLAMMASOME PROMOTES INFLAMMATION IN SKELETAL MUSCLE OF PATIENTS WITH CKD.  
  Samantha Milanesi1, Daniela Verzola1, Chiara Barisione1, Silvano Garibaldi1, Michela Saio1, Daniela Picciotto1, Abitha Murugavel1, Francesca Costigliolo1, Ezzo Gianetta2, Giuliano Brunori3, Chiara Venturielli3, Giacomo Garibotto4, 1Univ Genoa, DiMI, Genoa, Italy, 2Univ Genoa and Policlinico San Martino Genoa, DISC, Genoa, Italy, 3UO Nefrologia, APSS Trento, Trento, Italy, 4Univ Genoa and Policlinico San Martino Genoa, DiMI, Geno

- **SaO045**
  ACTIVATION OF BROWNING IN WHITE ADIPOSE TISSUE DURING CHRONIC KIDNEY DISEASE.  
  Mathilde Luce1, Myriam Pastural2, Samuel Granjon3, Jean Christophe Szelag2, Maurice Laville1, WaldArkouch2, Denis Fouque1, Christophe O. Soulage4, Laetitia Koppe1, 1Dept Nephrology, Hospices Civils Lyon, Centre Hosp Lyon-Sud, Rhone, Pierre-Benite, France, 2Association Utilisation Rein Artificiel Région Lyonnaise (AURAL), Rhone, Lyon, France, 3Lab Analyse Médicale Cerballiance Rhône Alpes, Rhone, Lyon, France, 4Univ Lyon, LarMeN lab, INSERM U1060, INRA, Univ Claude Bernard Lyon 1, Rhone, Villeurbanne, France.

**CONGRESS HALL A1**

**Symposium 2.1**

**Recent findings in ADPKD**

**Chairs:** Peter Harris, Rochester, U.S.A.  
Rudolf Wüthrich, Zurich, Switzerland

Utility of prognostic scores in ADPKD  
Emilie Cornec-Le Gall, Brest, France

Low-osmolar diet and adjusted water intake in ADPKD  
Albert Ong, Sheffield, United Kingdom

New genes for cystic kidneys and liver  
Peter Harris, Rochester, U.S.A.

Use of urine peptidome analysis in ADPKD  
Giovambattista Capasso, Naples, Italy

**CONGRESS HALL A2**

**Symposium 5.1**

**Scheduling dialysis and hemodiafiltration in 2018: a new portfolio?**

**Chairs:** Francesco Locatelli, Lecco, Italy  
Gultekin Suleymanlar, Antalya, Turkey

Daily and frequent dialysis schedules: rationale, logistics and outcomes  
Nicholas Selby, Derby, United Kingdom

Incremental dialysis  
Andrew Davenport, London, United Kingdom

High convective volume in hemodiafiltration: an open question  
Francesco Locatelli, Lecco, Italy
Scientific Programme

AUDITORIUM 10-11-12
Symposium 7.2

**Humoral immunity (HLA and nonHLA)**

Chairs: Daniel Abramowicz, Antwerp, Belgium
Georg A. Böhmig, Vienna, Austria

- Allorecognition revisited
  Frans H.J. Claas, Leiden, The Netherlands

- Histopathology of humoral alloimmunity
  Jan Ulrich Becker, Cologne, Germany

- Sensitization to non-HLA antigens – is this clinically relevant?
  Georg A. Böhmig, Vienna, Austria

C1-M1-2
Symposium 4.3

**New biomarkers of CKD progressions**

Chairs: David Goldsmith, London, United Kingdom
Jolanta Malyszko, Warsaw, Poland

- A new role for suPAR?
  Jack F.M. Wetzel, Nijmegen, The Netherlands

- Phosphate toxicity and CKD progression
  Markus Ketteler, Coburg, Germany

- Clinical consequences of hypervolemia in CKD patients
  Andrzej Więcek, Katowice, Poland

- Klotho and endocrine FGFs – marker of CKD progression and cardiovascular complications?
  Makoto Kuro-o, Shimotsuke, Japan

Scientific Programme

AUDITORIUM 15
Free Communication Session 26 + Mini Lecture

**Cell biology**

Chairs: Paola Romagnani, Florence, Italy
Laszlo Rosivall, Budapest, Hungary

- Mini lecture
  Kai-Uwe Eckardt, Berlin, Germany

**FREE COMMUNICATIONS**

- ASQ Travel Grant (see page 32) SaO049
  TUBULAR HIF-1 MEDIATES MACROPHAGE ACTIVATION AND TUBULOINTERSTITIAL INFAMMATION VIA EXOSOMAL MIRNA-23A
  Zuolin Li, Linli Lv, TaoTao Tang, Leting Zhou, Ye Feng, Bicheng Liu, Inst Nephrology, Zhong Da Hosp, Southeast Univ School Medicine, Nanjing, China.

- SaO050
  HYPOXIA PROMOTES TUBULAR INJURY VIA THE ACTIVATION OF THE ESTROGENIC RECEPTOR GPER AND P75NTR
  Donatella Vizza1, Rosamaria Lappano2, Anna Perr1, Giuseppina Toteda1, Simona Lupinacci1, Anna Sebastiani2, Marcello Maggiolini2, Anna De Bartolo1, Paolo Gigliotti1, Francesca Leone1, Danilo LoFaro1, Renzo Bonorifico1, 1Annunziata Hosp, Kidney and Transplantation Research Center, Dept Nephrology, Dialysis and Transplantation, Cosenza, Italy, 2UNITCAL, Dept Pharmacy, Health and Nutritional Sciences, Rende, Italy.

- SaO052
  MIR-30 FAMILY PREVENTS UPAR-INTEGRIN β3 SIGNALING ACTIVATION TO PROTECT PO-DOCYTES
  Yue Lang, Yue Zhao, Chunxia Zheng, Yinghui Lu, Shaolin Shi, Zhi-Hong Liu, National Clinical Research Center Kidney Diseases, Jilin Hosp, Nanjing Univ School Medicine, Nanjing, China.

- SaO053
  ADULT RENAL STEM/PROGENITOR CELLS (ARPCS) HAVE AN IMMUNOMODULATORY EFFECT ON T REGULATORY CELLS (TREGS) AND DOUBLE NEGATIVE (DN) T CELLS
  C. Curci1, N. Chaoul2, A. Picerno1, G. De Palma1, P. Laghetti1, A. Stasi1, R. Franzini1, M. Rutigliano3, G. Lucarelli3, M. Battaglia3, G.B. Pertosa1, A. Gallone4, G. Gigliotti1, L. Gesualdo1, F. Sallustio1, 1Univ Bari, Nephrology Unit, DETO, Bari, Italy, 2Univ Bari, Allergology Unit, DETO, Bari, Italy, 3Univ Bari, Andrology and Kidney Transplantation Unit, DETO, Bari, Italy, 4Univ Bari, SMBNOS, Bari, Italy.
FOCAL SEGMENTAL GLOMERULOSCLEROSIS (FSGS) MODELS

CCR2 INHIBITION IMPROVES RENAL FUNCTION & NORMALIZES GLOMERULAR STRUCTURE IN SaO058

C4D IS AN IMPORTANT DIAGNOSTIC TOOL IN MEMBRANOUS NEPHROPATHY

MOTIF IN THE PEPTIDE-BINDING CLEFT OF HLA-DP MOLECULES

PR3-ANCA POSITIVE ASSOCIATED VASCULITIS IS STRONGLY ASSOCIATED WITH A SPECIFIC MOTIF IN THE PEPTIDE-BINDING CLEFT OF HLA-DP MOLECULES

FREE COMMUNICATIONS

THE DEVELOPMENT OF A UK NATIONAL REGISTER OF ACUTE KIDNEY INJURY (AKI) WARNING TEST SCORES

THE INTERACTION BETWEEN COMMUNITY ACQUIRED INFECTION AND COMMUNITY ACQUIRED AKI IN GENERAL POPULATION AND A LARGE CARE HOME POPULATION

OUTCOMES OF ACUTE KIDNEY INJURY DEPEND ON INITIAL CLINICAL FEATURES: A NATIONAL FRENCH COHORT STUDY

OUTCOMES OF ACUTE KIDNEY INJURY DEPEND ON INITIAL CLINICAL FEATURES: A NATIONAL FRENCH COHORT STUDY

FREE COMMUNICATIONS

THE DEVELOPMENT OF A UK NATIONAL REGISTER OF ACUTE KIDNEY INJURY (AKI) WARNING TEST SCORES

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OUTCOMES OF ACUTE KIDNEY INJURY DEPEND ON INITIAL CLINICAL FEATURES: A NATIONAL FRENCH COHORT STUDY
SaO063
INCIDENCE OF AND RISK FACTORS ASSOCIATED WITH BIOCHEMICALLY DETECTED AND HOSPITALISED ACUTE KIDNEY INJURY IN PATIENTS PRESCRIBED RENIN ANGIOTENSIN SYSTEM INHIBITORS
Patrick B. Mark1, Richard Papworth2, Nilish Ramparsad2, Laurie A. Tomlinson3, Simon Sawhney4, Corni Black4, Angharad Marks4, Alex McConnachie2, Colin McCowan2, 1Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK, 2Univ Glasgow, Robertson Centre Biostatistics, Glasgow, UK, 3London School Hygiene and Tropical Medicine, Dept Non-communicable Disease Epidemiology, London, UK, 4Univ Aberdeen, Div Applied Health Science, Aberdeen, UK.

C1-M4
FREE COMMUNICATIONS
SaO064
ASSOCIATION OF LIPOPROTEINS WITH INFECTION-RELATED MORTALITY IN CHRONIC HEMODIALYSIS PATIENTS: RESULTS FROM THE GLOBAL MONITORING DIALYSIS OUTCOMES (MONDO) INITIATIVE
Xiaoling Ye1, Len Usvyat2, Yuedong Wang3, Bernard Canaud4, Stefano Stuard4, Stefano Stuard4, Paola Carioni4, Jeroen Kooman5, Frank v. Sande6, Jochen G. Raimann1, Peter Kotanko1, George A. Kaysen6, 1Renal Research Inst, Research, New York, NY, 2Fresenius Medical Care, Medical Office, Waltham, MA, 3Univ California Santa Barbara, Dept Statistics and Applied Probability, Santa Barbara, CA, 4Fresenius Medical Care, Medical Office, Bad Homburg, Germany, 5Maastricht Univ, Medical Center, Maastricht, Netherlands, 6Univ California Davis, Dept Medicine, Davis, CA.

SaO065
CONVEXTIVE DIALYSIS REDUCES MORTALITY RISK: RESULTS FROM A LARGE OBSERVATIONAL, POPULATION-BASED ANALYSIS
Valeria Cernaro1, Giovanni Tripepi2, Luca Visconti1, Antonio Lacquaniti1, Gaetano Montalto1, Adolfo Romeo1, Domenica Cimadoro1, Giuseppe Costantino1, Francesco Torre1, Domenico Santoro1, Michele Buemi1, 1Univ Messina, Chair Nephrology, Dept Clinical and Experimental Medicine, Messina, Italy, 2CNR-IFC, Clinical Epidemiology and Physiopathology Renal Diseases and Hypertension, Reggio Calabria, Italy.

SaO066
THE VARIATION IN HOSPITALISATION AND MORTALITY FOLLOWING NON-ATTENDANCE FOR HAEMODIALYSIS ACCORDING TO DIALYSIS DAY OF THE WEEK IN A EUROPEAN COHORT: FURTHER EVIDENCE OF HARM FROM THE TWO-DAY BREAK IN THREE TIMES A WEEK HAEMODIALYSIS
James Fotheringham1,2, Michael T. Smith3, Marc Froissart4, Florian Kronenberg5, Peter Stenvinkel6, Jürgen Floege7, Kai-Uwe Eckardt8, David C. Wheeler9, 1Northern General Hosp, Sheffield Kidney Inst, Sheffield, UK, 2Univ Sheffield, School Health and Related Research, Sheffield, UK, 3Univ Sheffield, Computer Science, Sheffield, UK, 4Centre Hosp Univ Vaudois, Clinical Trial Unit, Lausanne, Switzerland, 5Medical Univ Innsbruck, Div Genetic Epidemiology, Innsbruck, Austria, 6Karolinska Univ Hosp Huddinge, Dept Renal Medicine, Stockholm, Sweden, 7RWTH Univ Aachen, Nephrology, Aachen, Germany, 8Charité Universitätsmedizin, Dept Nephrology and Medical Intensive Care, Berlin, Germany, 9Univ College London, Center Nephrology, London, UK.
SaO067
HEMODIALYSIS VERSUS PERITONEAL DIALYSIS AND BLEEDING RISK
Gurbey Ocak1, Alferso C. Abrahams1, Maarten B. Rookmaaker1, Marianne C. Verhaar1, Friedo W. Dekker2, Merel van Diepen2, 1Univ Medical Center Utrecht, Dept Nephrology and Hypertension, Utrecht, Netherlands, 2Leiden Univ Medical Center, Dept Clinical Epidemiology, Leiden, Netherlands.

SaO068
SERUM POTASSIUM AND MORTALITY IN CHRONIC KIDNEY DISEASE: SYSTEMATIC REVIEW AND METAANALYSIS
Natalie M. Hsiao-Fang-Yen1, Leonard Browne1, Wael F. Huessin1,2, Rose Galvin3,4, Austin G. Stack1,2,4, 1Univ Limerick, Graduate Entry Medical School, Limerick, Ireland, 2Univ Hosp Limerick, Nephrology, Limerick, Ireland, 3Univ Limerick, Dept Clinical Therapies, Limerick, Ireland, 4Health Research Inst, Univ Limerick, Limerick, Ireland.
SP001  AUTOSOMAL DOMINANT TUBULointERSTITIAL KIDNEY DISEASE (ADTKD): A RARE BUT UNDERDIAGNOSED CAUSE OF END STAGE CHRONIC KIDNEY DISEASE

Michele Battista1, Claudio Muset1, Roberto Migli1, Daniela Palmieri2, Maia Grando2, Marco Quaglia1, Vincenzo Cantalloupe1, 1Univ Piemonte Orientale Averardo, Univ Hosp Maggiore della Carità, Dept Translational Medicine, Nephrology and Kidney Transplant Unit, Novara, Italy, 2Univ Piemonte Orientale Averardo, Univ Hosp Maggiore della Carità, Dept Health Sciences and IRCAD, Lab Genetics, Novara, Italy.

SP002  CLINICAL OUTCOMES WITH MIGALASTAT IN PATIENTS WITH FABRY DISEASE BASED ON DEGREE OF RENAL IMPAIRMENT: RESULTS FROM PHASE 3 TRIALS

Roser Torra1, Dominique P. Germain2, Daniel G. Bichet3, Raphael Schiffmann4, Juile Yu5, Jeffrey P. Castelli5, Nina Skuban6, Jay A. Barth7, 1Fundacions Puigvert, Inherited Kidney Diseases, Barcelona, Spain, 2Univ Versailles St. Quentin en Yvelines (UVSQ), Univ Paris Saclay, Montigny, France, 3Univ Montreal, Hôpital Sacré-Cœur, Molecular and Integrative Physiopathology, Montreal, QC, Canada, 4Bayl Research Inst, Inst Metabolic Disease, Dallas, TX, 5AMicus Therapeutics, Inc., Program Management, Cranbury, NJ, 6AMicus Therapeutics, Inc., Clinical Research, Cranbury, NJ, 7AMicus Therapeutics, Inc., Executive, Cranbury, NJ.

SP003  GENETIC TESTING IN SUSPECTED HEREDITARY PROTEINURIC KIDNEY DISEASES

William P. Martin1, Emilie Coreno-Le Gall2, Hassan Salameh2, Barrie McNicholas3, Matthew D. Griffin3, Fernando C. Fervenza2, Peter C. Harris2, Lynn D. Comelli4, Marie C. Hogan2, 1Univ Hosp Galway, Dept Medicine, Galway, Ireland, 2Mayo Clinic, Nephrology and Hypertension, Rochester, MN, 3Univ Hosp Galway, Nephrology, Galway, Ireland, 4Mayo Clinic, Lab Medicine and Pathology, Rochester, MN.

SP004  EFFECTS OF LONG-TERM MIGALASTAT TREATMENT ON RENAL FUNCTION BY BASELINE PROTEINURIA IN PATIENTS (PTS) WITH FABRY DISEASE

Raphael Schiffmann1, Daniel G. Bichet2, Dominique P. Germain3, Roberto Guigliani4, Derrynan A. Hughes5, Kathleen Murphy6, William C. Vickery7, Karen J. Brush8, Michael E. Higginbotham9, Julie Yu10, Jeffrey P. Castelli11, Nina Skuban12, Jay A. Barth13, 1Bayl Research Inst, Inst Metabolic Disease, Dallas, TX, 2Hôp Sacré-Coeur, Univ Montreal, and Integrative Physiopathology, Montreal, QC, Canada, 3Univ Versailles St. Quentin en Yvelines (UVSQ), Univ Paris Saclay, Montigny, France, 4AMCSI, Portugal, Alegre, Brasil, 5Univ College London, London, Royal Free London NHS Foundation Trust, London, UK, 6Royal Melbourne Hosp, Medicine, Parkville, Vic, 7EMuy Unives Medico Human, Human Genetics, Atlanta, GA, 8AMicus Therapeutics, Inc., Clinical Research, Cranbury, NJ, 9AMicus Therapeutics, Inc., Program Management, Cranbury, NJ, 10AMicus Therapeutics, Inc., Executive, Cranbury, NJ.

SP005  SCREENING OF FABRY DISEASE IN RISK POPULATION

Jessica Ugalde1, Maria Jose Colin2, Laura Gort Mas2, Johana Reinoso1, Jordi Poch1, Jose Vicente Torregrosa1, 1Clinic Hosp Barcelona, Nephrology, Barcelona, Spain, 2Clinic Hosp Barcelona, Biomedical Diagnostic Centre, Barcelona, Spain.

SP006  CLINICAL MANIFESTATIONS AND PREVALENCE OF FABRY DISEASE IN HEMODIALYSIS PATIENTS

Sergey V. Moiseev1, Leyla S. Namazova-Baranova3, Kiril V. Savostyanov3, Nikolay M. Bulanov1, Ekaterina A. Kornakova1, Aleksey S. Moiseev2, Viktor V. Fomin4, I.M. Sechenov First Moscow State Medical Univ (Sechenov Univ), Dept internal, occupational diseases and pulmonology, Moscow, Russian Federation, 2Lomonosov Moscow State Univ, Fac Fundamental Medicine, Moscow, Russian Federation, 3National Medical Research Center Children's Health, Scientific Research Inst Pediatrics, Moscow, Russian Federation, 4I.M. Sechenov First Moscow State Medical Univ (Sechenov Univ), 1st Dept Fac therapy, Moscow, Russian Federation.

SP007  EARLY FETAL OUTCOME OF 28 PREGNANCIES IN WOMEN WITH ATYPICAL HEMOLYTIC UREMIC SYNDROME

Marina Gattin1, Christof Aigner1, Natalja Haninger1, Zoltan Prohaska2, Renate Kain3, Rauthe Sunder-Plassmann4, Gere Sunder-Plassmann1, Alice Schmidt1, 1Medical Univ Vienna, Dept Medicine III, Div Nephrology and Dialysis, Vienna, Austria, 2Austria Research Lab, 3rd Dept Internal Medicine Univ, Research Lab, 4Medical Univ Graz, Clinical Inst Pathology, Vienna, 4Medical Univ Graz, Div Nephrology Univ, Genetics Lab, Dept Lab Medicine, Vienna, Austria.

SP008  FUNCTIONAL CHARACTERIZATION OF NOVEL SLCSA2VARIANTS IN CHINESE PATIENTS WITH FAMILIAL RE- GLUCOSURIA

Lubin Xu1, Si Nuo2, Yumo Zhao1, Dongli Tian1, Xueqiong Tang3,1, Min Nie4, Xuelei Li1, Xue Zhang2, Limeng Chen1, 1Peking Union Medical College Hosp, Dept Nephrology, Beijing, China, 2Peking Union Medical College and Chinese Academy Medical Sciences, Dept Genetics, Beijing, China, 3Qianfoshan Hosp Univ, Dept Nephrology, Jinan, China, 4Peking Union Medical College Hosp, Dept Endocrinology, Beijing, China.
PREFINE: RESULTS OF A SPANISH SCREENING FOR FABRY DISEASE IN 10,000 PATIENTS IN DIALYSIS

CARDIOVASCULAR-RENAL REMODELING IN FABRY DISEASE: POSSIBLE INVOLVEMENT OF OXIDATIVE STRESS. A MOLECULAR BIOLOGY APPROACH.

FABRY DISEASE SCREENING IN CKD PATIENTS OF NORTHERN WEST REGION OF RUSSIA

THERAPY: LONG-TERM OBSERVATION IN A NATIONWIDE, FAMILY-Screened COHORT BASED ON CR-EDTA CLEARANCE COMPARED WITH RENAL HEALTHY POPULATION

STRESS. A MOLECULAR BIOLOGY APPROACH.

FANCONI-BICKEL SYNDROME (GLYCOGENOSIS XI) A NEW POTENTIAL THERAPEUTIC APPROACH

PREVALENCE OF FABRY DISEASE IN IRAQ

CAROTID-OCULAR SYNDROME: HISTORY AND PATHOGENESIS

FAMILY-BASED PHENOTYPIC AND GENOTYPIC DETERMINATION OF THE CALCIUM-SENSING RECEPTOR GENE (CASR) SINGLE NUCLEOTIDE POLYMORPHISMS (SNPS) AND CASR TRANSCRIPT LEVEL CONCERNING DISULFIDE BOND IN HEMODIALYSIS (HD) PATIENTS: A CROSS-SECTIONAL STUDY

PREVALENCE OF FABRY DISEASE IN NATIONWIDE FAMILY-Screened COHORT BASED ON CR-EDTA CLEARANCE COMPARED WITH RENAL HEALTHY POPULATION

PATIENTS ON ENZYME REPLACEMENT THERAPY: LONG-TERM OBSERVATION IN A NATIONWIDE, FAMILY-Screened COHORT BASED ON CR-EDTA CLEARANCE COMPARED WITH RENAL HEALTHY POPULATION

EFFICACY OF TOLVAPTAN ON AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD) PATIENTS IN LATE STAGE CKD

MULTINATIONAL SCREENING OF INV5 GENE IN PATIENTS WITH ISOLATED RENAL HYPODYSPLASIA

A NEW MUTATION CAUSING ATYPICAL SHU

FAMILY-BASED PHENOTYPIC AND GENOTYPIC DETERMINATION OF THE CALCIUM-SENSING RECEPTOR GENE (CASR) SINGLE NUCLEOTIDE POLYMORPHISMS (SNPS) AND CASR TRANSCRIPT LEVEL CONCERNING DISULFIDE BOND IN HEMODIALYSIS (HD) PATIENTS: A CROSS-SECTIONAL STUDY
SP051
ROLE OF NUTRITIONAL STATUS ON THE RISK OF DEVELOPING ACUTE KIDNEY INJURY

SP052
CLINICAL FORMS OF GLOMERULONEPHRITIS WITH EXTRACAPILLARY PROLIFERATION
Margarita Dmitrieva1, Tatiana Letkovskaya2, Kirill Komissarov3, 1City Clinical Pathologic Bureau, Pathology, Minsk, Belarus, 2Minsk State Medical Univ, Pathology, Minsk, Belarus, 3Belarussian Medical Academy Postgraduate Education, Nephrology, Minsk, Belarus.

SP053
LIPOTOXICITY ON RAT TUBULAR CELL INDUCED BY CALCIUM CHANNEL BLOCKERS: A NEW PATHOGENESIS OF KIDNEY INJURY
Yen-chung Lin1,2, Ching-chieh Peng3, 1Taipei Medical Univ Hosp, Div Nephrology, Dept Internal Medicine, Taipei, Taiwan, 2Taipei Medical Univ, Dept Internal Medicine, School Medicine, College Medicine, Taipei, Taiwan, 3Taipei Medical Univ, Graduate Inst Clinical Medicine, College Medicine, Taipei city, Taiwan.

SP054
SERUM PROLACTIN AS A MARKER FOR DIAGNOSIS AND DISEASE ACTIVITY OF LUPUS NEPHRITIS
Mohammed E. Khan, Md. Saif Bin Mizan, Parisa Tarannum, Muhammad R. Alam, Bangabandhu Sheikh Mujib Medical Univ (BSMMU), Nephrology, Dhaka, Bangladesh.

SP055
LIGHT CHAIN DEPOSITS DISEASE FROM 19 KIDNEY BIOPSIES
Raja Aouidia1, Bela Azaza1, Fatima Jaziri1, Emna Chaabouni1, Soumaya Chargui1, Hanene Gaied2, Mouna Jerbi2, Mohamed Mongi Bacha3, Mondher Ounissi4, Hafedh Hedri1, Taieb Ben Abdallah1, Rym Guicha2, 1Dept Nephrology and Lab Renal Pathology LR00SP01 Charles Nicolle Hosp Fac Medicine Tunis, Univ Tunis El Manar, Nephrology, Tunis, Tunisia, 2Dept Nephrology Slim Hosp Tunis, Nephrology, Tunis, Tunisia.

SP056
ROLES OF MACROPHAGE EXOSOMES IN IMMUNE RESPONSE TO CALCIUM OXALATE MONOHYDRATE CRYSTALS IN KIDNEY STONE DISEASE
Nilubon Singhto, Visith Thongboonkerd, Siriraj Hosp, Mahidol Univ, Medical Proteomics Unit, Office R&D, Bangkok, Thailand.

SP057
EFFECTS OF PROCEED PLUS IN THE PREVENTION AND TREATMENT OF CISPLATIN NEPHROTOXICITY: AN EXPERIMENTAL RAT STUDY
Elif Ece Dogan1, Mehmet Şerif Aydın2, Eray Metin Güler3, Abdurrahim Kocyigit4, Ruşeyza Kazancıoğlu4, 1Bayrampaşa State Hosp, Internal Medicine, Istanbul, Turkey, 2Medipol Univ, Regenerative and Restorative Medicine Research Center, Dept Histology and Embryology, Istanbul, Turkey, 3Bezmialem Vakif Hosp, Nephrology, Istanbul, Turkey, 4Bezmialem Vakif Univ, Dept Biochemistry, Istanbul, Turkey, 5Bezmialem Vakif Univ, Dept Nephrology, Istanbul, Turkey, 6Bezmialem Vakif Univ, Dept Oncology, Istanbul, Turkey.

SP058
MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS: RETROSPECTIVE EPIDEMIOLOGICAL STUDY OF 574 RENAL BIOPSIES. 
Eya Felah1, Raja Aouidia1, Fatima Jaziri1, Soumaya Chargui1, Hanene Gaied2, Mouna Jerbi2, Mohamed Mongi Bacha3, Mondher Ounissi4, Hafedh Hedri1, Taieb Ben Abdallah1, Rym Guicha2, 1Charles Nicolle Hosp, Nephrology, Tunis, Tunisia, 2Tunis El Manar, Nephrology, Tunis, Tunisia.

SP059
HEPARANASE A KEY REGULATOR OF THE CHRONIC PROFIBROTIC KIDNEY DAMAGE FOLLOWING ISCHEMIA/REPERFUSION INJURY.
Valentina Masola1, Simona Granata1, Giovanni Gambaro2, Antonio Lupo1, Gianluigi Zaza1, 1Renal Unit, Medicine, Univ Verona, Italy, 2Columbus-Gemelli Hosp, Catholic Univ Sacred Heart, Renal Unit, Rome, Italy.

SP060
SYNTHETIC ACTH TREATMENT IN PATIENTS WITH MEMBRANOUS NEPHROPATHY.
Domenico Giannese1, Paolo Lorusso1, Caterina Cianch1, Angelo Bonadio2, Maria F. Egidi1, 1Univ Pisa, Dept Medicine, Pisa, Italy, 2Univ Pisa, Dept Pathology, Pisa, Italy.

SP061
THE ROLE OF OXIDATIVE STRESS AND INFLAMMATION IN LEFT VENTRICULAR HYPERTROPHY IN TYPE 2 DIABETES PATIENTS WITH CHRONIC KIDNEY DISEASE.
Luisa H. Pereira1, Filipa Mendes1, Ana P. Silva1, Pedro L. Neves1, 1Centro Hosp Univ Algarve, Serviço Nefrologia, Faro, Portugal, 2Univ Algarve, Dept Ciências Biomédicas e Medicina, Faro, Portugal.

Continuous measurement of renal oxygenation during nitric oxide synthase inhibition in conscious rats: a telemetry study.

Effect of serine protease inhibition on salt-sensitive hypertension and podocyte injury in a rat model of metabolic syndrome.

High fructose diet induces the dysfunction of energy metabolism (ATP depletion) and hypertension.

Inflammatory modification in each segment of the kidney after transient salt loading in mice and the importance of environmental factors.

Gut microbiota and faecal levels of short chain fatty acids differ upon blood pressure levels in man.

Fructose metabolism increases blood pressure by the upregulation of renal sodium reabsorption in mice.

Histone deacetylase inhibitor, CG200745, attenuates renal fibrosis in DOCA-salt hypertensive rats.

Soluble epoxide hydrolase inhibition augments RAS blockade renoprotection in subtotal nephrectomized ren-2 transgenic hypertensive rats with chronic kidney disease.

Expression of urotensinII are associated with placental autophagy in patients with severe preeclampsia.

Indoxyl sulfate impairs valsartan-induced neovascularization in mice of remnant kidney.

Induced programmed hypertension in male rat offspring.

Dimethyl fumarate treatment prevents prenatal dexamethasone and postnatal high fat diet induced programmed hypertension in male rat offspring.

Nephrectomized ren-2 transgenic hypertensive rats with chronic kidney disease.

High fructose diet induces the dysfunction of energy metabolism (ATP depletion) and hypertension.

Histone deacetylase inhibitor, CG200745, attenuates renal fibrosis in DOCA-salt hypertensive rats.

Soluble epoxide hydrolase inhibition augments RAS blockade renoprotection in subtotal nephrectomized ren-2 transgenic hypertensive rats with chronic kidney disease.

Indoxyl sulfate impairs valsartan-induced neovascularization in mice of remnant kidney.

Induced programmed hypertension in male rat offspring.

Histone deacetylase inhibitor, CG200745, attenuates renal fibrosis in DOCA-salt hypertensive rats.

Soluble epoxide hydrolase inhibition augments RAS blockade renoprotection in subtotal nephrectomized ren-2 transgenic hypertensive rats with chronic kidney disease.

Indoxyl sulfate impairs valsartan-induced neovascularization in mice of remnant kidney.
HYPERTENSION. CLINICAL

**SP077** ARTERIAL STIFFNESS BUT NOT ENDOTHELIAL DYSFUNCTION IS ASSOCIATED WITH MULTI-DIYDRUG ANTIHYPERTENSIVE THERAPY AND NON-DIPPER BLOOD PRESSURE PATTERN IN KIDNEY TRANSPLANT RECIPIENTS Jerzy Chudy1, Aurelius Kolonko2, Magdalena Bartmarka1, Natalia Słabak-Bisz1, Piotr Kočzer3, Agata Kuja-wa-Szewieczek3, Rafał Ficek3, Andrzej Więcek3, 1Medical Univ Silesia, Dept Internal Medicine and Oncological Chemo-therapy, Katowice, Poland, 2Medical Univ Silesia, Dept Nephrology, Endocrinology and Metabolic Diseases, Katowice, Poland, 3Medical Univ Silesia, Dept Nephrology, Transplantation and Internal Medicine, Katowice, Poland.

**SP078** BLOOD PRESSURE VARIABILITY AND LEFT VENTRICULAR HYPERTROPHY IN HEMODIALYSIS PATIENTS Ekaterina O. Borodulina1, Alexander M. Shutov2, 1Nephrology Expert Council, Dialysis Dept, Kirov, Russian Federation, 2Ulyanovsk State Univ, Dept Internal Medicine, Ulyanovsk, Russian Federation.

**SP079** GENERIC VS BRAND NAME DRUGS FOR THE TREATMENT OF HYPERTENSION Miriana Dinic1, Nicolas Maillard1, Marc Bouiller2, Eric Alamarine1, Christophe Mariat1, 1CHU Nord Saint Etienne, Nephrology, Dialysis, Transplantation Dept and Hypertension Center, Saint Etienne, France, 2CH Emile Roux, Nephrology Dept, Le Puy en Velay, France.

**SP080** IDENTIFICATION OF MOLECULAR SIGNATURES IN HYPERSENSITIVE PATIENTS Shrub Bhargava, Vera Jankowski, Heidi Noels, Pratibha Gajalla, Joachim Jankowski, Inst Molecular Cardiovascular Research, Uniklinik, Aachen, Aachen, Germany.

**SP081** SHORT TERM HEMODYNAMIC EFFECT OF THE GLP 1 ANALOGUE - LIRAGLUTIDE IN PATIENTS WITH DIABETIC NEPHROPATHY Maiłgorzata Wajdlich, Michał Nowicki, Centralny Szpital Kliniczny Medical Univ Lodz, Dept Nephrology, Hypertensionology and Kidney Transplantation, Łódź, Poland.

**SP082** THE EFFECTS OF NEBIVOLOL AND IRBESARTAN ON CENTRAL BLOOD PRESSURE AND ARTERIAL STIFFNESS PARAMETERS IN IDIOPATHIC HEMODIALYSIS PATIENTS WITH INTRADIALYTIC HYPERTENSION Charalampos Loutrakis1, Athanasios Bixos1,2, Elena Agerou1, Antonios Karpetas3, Vasiliis Raptis4, Giannis Alexiadis5, Elias Balaskas5, Vasiliis Liakopoulous5, Akaterini Papagian1, Pantelis A. Sarafidis1, 1Hippokratia Hosp, Aristoteles Univ, Thessaloniki, Dept Nephrology, 2Hemodialysis Unit, Pieria, Katerini, Greece, 3General Hosp Alexandroupoli, Dept Nephrology, Alexandroupoli, Greece, 4Section Nephrology and Hypertension, 1st Dept Medicine, AHEPA Hosp, Aristotle Univ Thessaloniki, Dept Nephrology, Thessaloniki, Greece.

**SP083** COMPLEMENT SYSTEM ACTIVATION IN PATIENTS WITH RENAL TMA ASSOCIATED WITH MALIGNANT HYPERTENSION Natalia Kozlovskay1a, Mariam Akaeva1a, Ekaterina Stolyarevich2, Tatiana Bondarenko3, 1Sechenov Univ, Dept internal, occupational diseases and pulmonology, Moscow, Russian Federation, 241. Yevubkoviy Moscow State Univ Medicine and Dentistry, Dept nephrology, Moscow, Russian Federation, 3A.K. Erasmashenevo Moscow City Clinical Hosp, Dept nephrology, Moscow, Russian Federation.

**SP084** ASSOCIATION BETWEEN ARTERIAL STIFFNESS AND HEART RATE VARIABILITY IN PATIENTS WITH NEWLY DIAGNOSED HYPERTENSION Charlotte Strandhavé1, My H.S. Svensson2, Jesper Fleischer3, Henrik Krupn4, Jeppe H. Christensen1, 1Aalborg Univ Hosp, Dept Nephrology, Aalborg, Denmark, 2Aarhus Univ Hosp, Dept Nephrology, Lærenskrog, Norway, 3Aarhus Univ, Medical Research Laboratories, Aarhus, Denmark, 4Aalborg Univ Hosp, Dept Clinical Biochemistry, Aalborg, Denmark.

**SP085** HYPERTENSION IS ASSOCIATED WITH RENAL TUBULINTERSTITIAL INJURY IN IDIOPATHIC MEMBRANOUS NEPHROPATHY Zilong Li, Juan Wang, Yibo Zhang, Da Sun, Meng Wang, Lining Wang, Li Yao, First Affiliated Hosp China Medical Univ, Dept Nephrology, Shenyang, China.
CLINICAL NEPHROLOGY 2

SP096

STUDY ON MUTATIONS OF CHINESE PATIENTS WITH LIPOPROTEIN GLomerulopathy
Yang Mingsh, Pan Xiaoxia, Liu Yunzi, Shi Mamman, Yu Xiatian, Xu Jing, Li Xiao, Shen Pingyin, Zhang Wen, Zhang Wen, Zhang Wen, Ren Hong, Xie Jiayuan, Chen Nan, Inst Nephrology, Dept Nephrology, Shanghai Ruijin Hosp, Shanghai Jiao Tong Univ, School Medicine, Dept Nephrology, Shanghai, China.

SP097

HOW KIDNEY DONATION SAVES... DONOR'S LIFE
Gabriele Guglielmetti1, Marco Gauglia1, Marta Morai1, Vincenzo Cantaluppi2, 1Nephrology and Kidney Transplantation Unit, Translational Medicine, Novara, Italy, 2Nephrology and Kidney Transplantation Unit, Univ Eastern Piedmont, Maggio delle Carità Univ Hosp, Translational Medicine, Italy.

SP098

CLINICAL USEFULNESS OF ADJUSTED D-DIMER CUTOFF VALUE TO EXCLUDE THROMBOEMBOLIC COMPLICATIONS IN THE PATIENTS WITH NUTRITIONAL SYNDROME
Yoshitaka Nato1, Daiji Goto1, Takeshi Tachiri1, Sochiro Nagaoka1, Takashi Matsuyama1, Naoko Katahashi1, Taiichi Sato1, Shinshu Isobe1, Tomoyuki Fujikura1, Takayuki Tsuji1, Naro Ohashi1, Akihiko Kato1, Yoshihide Fujii2, Hideo Yasuda1, 1Hamamatsu Univ School Medicine, Nephrology, Higashiku, Hamamatsu-shi, Japan, 2Teikyo Univ Hosp, Dept Nephrology, Dept Medicine, Tokyo, Japan.

SP099

CLINICAL CHARACTERISTICS OF PATIENTS WITH HEMATURIA AND FACTORS RELATED TO URINARY TRACT CANCER: ANALYSIS OF 6,747 JAPANESE CASES FROM ROUTINE CLINICAL UROLOGY PRACTICE
Toru Hasegawa1, Kazunori Yamada2, Hisatomo Mitsuda2, Yoshie Miyamoto2, Toru Sakai4, Remon Otake1, Akira JuninN1, Hiroshi Watanabe3, Satoshi Kato3, MasaTomo Hasegawa1, Mikio Namiki1, 1Hamamatsu Univ Hosp, Dept Urology, Toyama, Japan, 2Kanazawa Univ Hosp, Div Rheumatology, Kanazawa, Japan, 3Kanazawa Univ Graduate School of Medical Sciences, Dept Advanced Research Community Medicine, Kanazawa, Japan, 4Hamamatsu Hosp, Office Data Information Services, Toyama, Japan, 5Kanazawa Univ Hosp, Div General Medicine, Kanazawa, Japan.

SP100

HISTOLOGIC VERSUS CLINICAL REMISSION IN PROLIFERATIVE LUPUS NEPHRITIS AT 6 MONTHS: AN EXPERIENCE FROM A STATE RUN TERTIARY CARE CENTRE IN SOUTHERN INDIA
Umesh Lingaraj1, Shivanagouda RP1, Shivaraprasad SM1, Leelavathy V1, Sreedhara C1, Kishan A1, Mahesh V2, 1Nephrology Urology, Nephrology, Bangalore, India, 2Manipal Hosp, Pathology, Bangalore, India.

SP101

DEVELOPMENT OF A NUCLEAR MAGNETIC RESONANCE (NMR)-BASED METHOD FOR ACCURATE ASSESSMENT OF GLOMERULAR FILTRATION RATE
Jochen Ehrich1, Laurence Dubourg2, Sverker Hansson3, Eric Schiffer4, 1Hannover Medical School, Children’s Hosp, Hannover, Germany, 2Groupement Hosp Edouard Herriot, Hospices Civils Lyon, Exploration Fonctionnelle Renale et Metabolique, Lyon, France, 3Sahlgrenska Univ Hosp, Dept Pediatrics, Gothenburg, Sweden, 4numares AG, Clinical Development, Regensburg, Germany.

SP102

CRYPTOGLUCOGENIC GLOMERULONEPHRITIS: A RETROSPECTIVE STUDY
Mounia Azzu1, Achah Ralfi1, Diana Moutassir1, Dhiak Elbakay1, Milit Hospital, Nephrology Dialysis, Rabat, Morocco.

SP103

CHARACTERISTICS OF EPISODES OF HYPERKALEMIA OVER 16 YEARS IN OUR CENTER. COMPLEJO ASIESTENCIAL DE SEGOVIA
Carmen Martin Varas, Manuel Heras Benito, Gioma Urzola Rodríguez, Leonardo Calle García, Ramiro Callejas Martínez, Álvaro Molina Ordás, Ástud Rodriguez Gómez, María José Fernández-Reyes Luis, Complejo Asistencial Se- govia, Nephrology, Segovia, Spain.

SP104

DECREASES IN WEIGHT WITH BARDOXOLONE METHYL IN OBESE PATIENTS WITH CHRONIC KIDNEY DISEASE-SE Stage 4 and Type 2 DIABETES - POST-HOC ANALYSES FROM BEACON
Peter Rossing1, Gerald Appel2, Geoffrey A. Block3, Glenn M. Chernow4, Mei Lin Chant5, Daniel Coyne6, Angie Goldsberry7, Colin J. Meyer5, Mark Molitch7, Pablo E. Pergola8, Bruce Spinowitz9, Stuart M. Sprague10, Max J. Hilts2, Renzo Mignani6, Albina Novakova7, Joao-Paulo Oliveira1, Alberto Ortf2, Marcos Spada1, Camilla Tonde1, Ulrik Würzburger, Div Nephrology, Würzburg, Germany, 2Univ College London, Barts Heart Centre, Cardiovascular Medicine, London, UK, 3J.M. Sechenov First Moscow State Medical Univ, Dept Internal Diseases No. 1, Moscow, Russian Federation, 4 retired Brookf Referral Centre Fabry Disease, Univ Versailles, Paris Saclay University, Div Medical Genetics, Montigny, France, 5Univ Erlangen-Nuremberg, Dept Neurology, Erlangen, Germany, 6Infermi Hosp, Dept Nephrology, Rimini, Italy, 7Univ Hosp Zurich, Dept Internal Medicine, Zurich, Switzerland, 8AssO JoHo Centre Hosp, Fac Medicine, Dept Genetics, Porto, Portugal, 9ISU-Fundación Jimenez Díaz, 10IRISN and REDIREN, Unidad Diálisis, Madrid, Spain, 11Univ Torino, Dept Paediatrics, Torino, Italy, 11Haukeland Univ Hosp, Univ Bergen, Dept Paediatrics, Dept Clinical Medicine, Bergen, Norway.

SP105

CHANGES IN FATTY ACID COMPOSITION OF ERYTHROCYTE MEMBRANE ACCORDING TO RECURRENT RENAL FUNCTION
Seok Joon Shin1, Ji Won Min2, Eun Sill Koh2, Sungjin Chung2, 11ChonIn St. Mary’s Hosp, Catholic Univ Korea Univ, Div Nephrology, Dept Internal Medicine, Incheon, Korea, 2Catholic Univ Korea Univ, Div Nephrology, Dept Internal Medicine, Seoul, Korea.

SP106

CHANGES IN URINARY SODIUM ARE NOT CORRELATED WITH THE EXTRACTED FLUID VOLUME OR WEIGHT LOSS IN PATIENTS WITH ACUTE HEART FAILURE TREATED WITH ULTRAFILTRATION
Ashish Koratala, Amir Kazory, Univ Florida, Nephrology, Hypertension and Renal Transplantation, Gainesville, FL.

SP107

EFFECT OF TOLVAPTAN ON RENAL PLASMA FLOW AND GLOMERULAR FILTRATION RADIUS IN POLYCYSTIC KIDNEY DISEASE
My E.S. Malmberg1, Rikke L. Sønderbæk1, Frank H. Mosé1, Jens J. Jensen2, June A. Ejlersen2, Erling B. Pedersen1, Jesper N. Bech1, 1Holstebro Hosp, Univ Clinic Nephrology and Hypertension, Dept Medical Research, Holstebro, Denmark, 2S. Orsola-Malpighi Univ Hosp, Dept Internal Medicine, Bologna, Italy.

SP108

ECHO COLOR DOPPLER STUDY DEMONSTRATING AN HIGHER INCIDENCE OF LEFT VS RIGHT RENAL ARTERY STENOSIS IN OLD PEOPLE
Claudio Orsi1, Brunilda Sejdiu1, Valentina Demelas1, Vittorio Dalmastri1, Francesco Grammatico1, Alessandra Spazio1, Carla Serra2, Vania Cuna3, Gaetano La Manna1, 1S. Orsola-Malpighi Univ Hosp, Nephrology, Dialysis and Transplantation Unit, Dept Organ Failure And Transplantation, Bologna, Italy, 2S. Orsola-Malpighi Univ Hosp, Interventistic echography. Dept Organ Failure And Transplantation, Bologna, Italy.

SP109

ENHANCED BONE RESORPTION BY ELEVATED VASOPRESSIN LEVELS PARTLY EXPLAINS EXERCISE-INDUCED HYPERCALCEMIA
Masamitsu Senda1,2,3, Takayuki Hamano1, Yohe Doi1,4, Keichi Kubota1,4, Satoshi Yamaguchi1,4, Tatsufumi Oka1,4, Sayoko Yonemoto1,4, Yusuke Sakaguchi1, Yoshitaka Isaka4, Toshiki Moriyama3, 1Osaka Univ Graduate School Medicine, 2Nephrology Dialysis and Transplantation Unit, Dept Organ Failure And Transplantation, Bologna, Italy, 3Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Osaka, Japan, 4Osaka Univ Graduate School Medicine, Dept Comprehensive Kidney Disease Research, Osaka, Japan, 5Haukeland Univ Hosp, Translational Medicine, Norway, 6São Paulo Univ School of Medicine, Dept Nephrology, Dálisy and Transplantation Unit, Dept Organ Failure And Transplantation, Bologna, Italy.

SP110

HISTOLOGIC VERSUS CLINICAL REMISSION IN PROLIFERATIVE LUPUS NEPHRITIS AT 6 MONTHS: AN EXPERIENCE FROM A STATE RUN TERTIARY CARE CENTRE IN SOUTHERN INDIA
Umesh Lingaraj1, Shivanagouda RP1, Shivaraprasad SM1, Leelavathy V1, Sreedhara C1, Kishan A1, Mahesh V2, 1Nephrology Urology, Nephrology, Bangalore, India, 2Manipal Hosp, Pathology, Bangalore, India.

SP111

HISTOLOGIC VERSUS CLINICAL REMISSION IN PROLIFERATIVE LUPUS NEPHRITIS AT 6 MONTHS: AN EXPERIENCE FROM A STATE RUN TERTIARY CARE CENTRE IN SOUTHERN INDIA
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SP112

STUDY ON MUTATIONS OF CHINESE PATIENTS WITH LIPOPROTEIN GLomerulopathy
Yang Mingsh, Pan Xiaoxia, Liu Yunzi, Shi Mamman, Yu Xiatian, Xu Jing, Li Xiao, Shen Pingyin, Zhang Wen, Zhang Wen, Zhang Wen, Ren Hong, Xie Jiayuan, Chen Nan, Inst Nephrology, Dept Nephrology, Shanghai Ruijin Hosp, Shanghai Jiao Tong Univ, School Medicine, Dept Nephrology, Shanghai, China.
SATURDAY, MAY 26

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PEDIATRIC PROGNOSIS AFTER PREECLAMPSIA-COMPLICATED PREGNANCY

SP118 RELATIONSHIP BETWEEN HEART FAILURE WITH PRESERVED EJECTION FRACTION AND LOW T3 SYNDROME IN PATIENTS WITH END STAGE RENAL DISEASE ON HEMODIALYSIS

Hoon Joo Lee, Seoul Red Cross Hosp, Nephrology, Seoul, Korea.

HYPERKALEMIA IN ACUTE AND CHRONIC KIDNEY DISEASE, A COMPARATIVE STUDY

SP111 LONG-TERM OUTCOME OF CHINESE PATIENTS WITH MESANGIAL PROLIFERATION LUPUS NEPHRITIS

Shaofan Wang, Yingfeng Shen, Ke Zuo, Dugun Chen, Zhenghao Liu, Feng Xu, Caihong Zeng, Zhi-Hong Liu, Weixin Hu, National Clinical Research Center Kidney Diseases, Jining Hosp, Nanjing Univ School Medicine, Nanjing, China.

A PHASE 2/3 STUDY OF THE EFFICACY AND SAFETY OF BARDOXOLONE METHYL IN PATIENTS WITH ALPORT SYNDROME

Doriver Gross, 1Gerald Appepo, 2Geoffrey A. Block3, Melanie Chirin4, Angie Goldsbrey5, Lesley A. Inker5, Colin J. Meyer4, Pablo E. Pergolati6, James Simon7, Bradley Warady8, Phillip Zoua9, Michelle Rhee10, Clifford Kashtan10, 1Kobe Univ Graduate School Medicine, Div Nephrology and Kidney Center, Kobe, Japan, 2Dogo National Hospital, Nephrology, Kobe, Japan, 3Kumamoto Univ, Dept Neurology, Graduate School Medical Sciences, Kumamoto, Japan, 4Kochi Med Coll, Dept Internal Medicine, Kochi, Japan, 5Univ of California, San Francisco, Nephrology, San Francisco, CA, 6Children's Mercy Kansas City, Div Nephrology, Kansas City, MO, 7Washington University School of Medicine, St Louis, MO, 8Children's Mercy Kansas City, Div Nephrology, Kansas City, MO, 9Univ Minnesota, Dept Pediatrics, Minneapolis, MN, 10Univ Minnesota, Dept Pediatrics, Minneapolis, MN.

PLASMA LEVELS OF KIDNEY INJURY MOLECULE-1 (KIM1) AND CHRONIC INFLAMMATION IN CHRONIC KIDNEY DISEASE (CKD) PATIENTS


SUCCESSFUL TREATMENT OF POSTPARTUM CAPS BY ECUILLUMIZUM

Yulia Korotcheva1, Natalia Kozlovskaya1, Efim Shifman2, Kseniya Demyanova1, 1M.M. Sechenov First Moscow State Medical Univ, Dept internal, occupational diseases and pulmonology Sechenov Univ, Moscow, Russia, 2M.F. Vladimisky Moscow Regional Research Clinical Inst, Dept anesthesiology and intensive care, Moscow, Russian Federation.

PEDIATRIC PROGNOSIS AFTER PREECLAMPSIA-COMPLICATED PREGNANCY

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SP136 DEGREE OF CHRONIC KIDNEY DISEASE (CKD) IN TYPE 2 DIABETIC PATIENTS INCREASE THE PREVALENCE OF FOOT ULCERATION

SP137 BARRIERS TO MAXIMISATION OF RENIN ANGIOTENSIN SYSTEM INHIBITION IN PATIENTS WITH IgA NEPHROPATHY
Gerlinke M.C. Hawkins-van der Cingel, Stephanie Chong, Kieran McCafferty, Royal London Hosp, Renal and Transplant Medicine, London, UK.

SP138 PERIODONTAL DISEASE - A TREATABLE CAUSE OF ODEMA IN DIABETIC KIDNEY DISEASE
Krishnan Rajarathnam, Malabar Medical College, Dept Nephrology, Kozhikode, India.

SP139 TOLVAPTAN USE IN HYPONATREMIA: SHORT-TERM OBSERVATIONAL OUTCOME ANALYSIS
Ya Heon Kim, Eun Hui Bae, Seong Kwon Ma, Soo Wan Kim, Chonnam National Univ Medical School, Dept Internal Medicine, Gwangju, Korea.

SP140 GENDER DIFFERENCE IN CKD PATIENTS WITH DIABETIC NEPHROPATHY
Camelia Pana, Aлина M. Stanigut, Libana A. Tuta, Ovidius Univ Constanta, Fac Medicine, Internal Medicine, Constanta, Romania.

SP141 A WIDE VARIETY OF DIAGNOSES IN ELDERLY KIDNEY BIOPSY
Özant Helvacı1, Berfu Korucu1, Burçak Cevahir Helvacı2, Galip Guız1, Turayn Arıno1, 1Ipek Isık Goni3, 1Gazi Univ, Nephrology, Ankara, Turkey, 2Ankara Egitim Arastirma State Hosp, Internal Medicine, Ankara, Turkey, 3Gazi Univ, Pathology, Ankara, Turkey.

SP142 CLINICAL AND PROGNOSTIC CHARACTERISTICS OF NOCARDIOSIS IN PATIENTS ON LONG-TERM IMMUNOSUPPRESSIVE AGENTS TREATMENT
Chen Pui1, Xie Yuanheng1, Li Shuwen1, Tang L1, Wang Ying1, Zhao Wei2, Zhang Jie3, Cai Guanrang1, Chen Xiangmei1, 1Chinese PLA General Hosp, Nephrology Dept, Beijing, China, 2Chinese PLA General Hosp, Respiration Dept, Beijing, China, 3Chinese PLA General Hosp, Rheumatology Dept, Beijing, China.

SP143 DYSPNEA IN THE IMMUNOSUPPRESSED RENAL PATIENT - MORE THAN JUST INFECTION, FLUID AND CLOTS
Ryan Gately1, Tegan Stevenson2, Saira Risdale2, 1Southmead Hosp, Renal, Bristol, UK, 2Southmead Hosp, Nephrology, Bristol, UK.

SP144 POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME (PRES) FOLLOWING INTRAVENOUS ADMINISTRATION OF CYCLOPHOSPHAMIDE IN A GRANULOMATOSIS WITH POLYANGITIS PATIENT
Siretta Caravan1, Paramita Ray1, Debasis Corke2, 1Papageorgiou Hosp, Dept Nephrology, Thessaloniki, Greece, 2Papageorgiou Hosp, Intensive Care Unit, Thessaloniki, Greece.

SP145 EFFICACY OF FEBUXOSTAT TREATMENT IN PATIENTS WITH ADVANCED CHRONIC KIDNEY DISEASE
Cai Il Wang1, Yan Mi2, 1First Affiliated Hosp Bao Tou medical College, Internal Medicine Nephrology, Bao Tou, China, 2Peking U Med Coll, Nan Hua Hosp, Shanghai Jia Tong Univ, Dept Nephrology, Shanghai, China.

SP146 A STUDY OF RENAL INJURY IN HANSSENS DISEASE PATIENT FROM TRIBAL AREA OF CENTRAL INDIA
Punit Gupta, Guruvinder C Ajushi, Babasaheb Ambedkar Hosp Rajipur, Pti Jawaharlal Nehru Memorial Medical College, Nephrology, Raipur, India.

SP147 CARBOHYDRATE ANTIGEN 125 RELATED FACTORS IN PATIENTS WITH PRIMARY NEPHROTIC SYNDROME
Changying Xing, Jiangsu Province Hosp, Dept Nephrology, Nanjing, China.
SP158 SUPAR AND ANTI-ETAR AS PROGNOSTIC BIOMARKERS IN RENAL ANCA-ASSOCIATED VASCULITIS
Olumide O. Rowaye, Mariusz Kuzstal, Marcelina Zabinska, Dorota Bartoszek, Marta Myszka, Katarzyna Koscielska-Kasprzak, Mirosław Banasik, Oktawia Mazarowska, Magdalena Krajewska, Marian Klinger, Wrocław Medical Univ, Nephrology and Transplantation Medicine, Wrocław, Poland.

SP159 OUTCOME OF PATIENTS WITH FIBRILARY GLOMERULONEPHRITIS: A SINGLE CENTER EXPERIENCE
Smargadi Marainik1, Chrysanthi Skaliot1, George Liapis2, Stathis Tsiaou1, Eleni Kapsta1, Efthasios Kazistri1, Melitos-Anthanasios Dimopoulos3, 1National & Kapodistrian Athens Univ Athens Medical School, Nephrology Clinic and Renal Transplant Unit, Athens, Greece, 2National & Kapodistrian Athens Univ Athens Medical School, Dept Pathology, Athens, Greece, 3National & Kapodistrian Athens Medical School, Dept Clinical Therapeutics, Athens, Greece.

SP160 IS AGE A DETERMINANT OF THE KIDNEY OUTCOME IN BIOSPY-PROVEN GLOMERULOPATHIES?
Gérald Stefani1,2, Nicolaie Pana2, Otilia Popa2, Cosmin Florescu3, Gabriel Mircescu1,2, Cristian Capusa1,2, 1Carol Davila Univ Medicine and Pharmacy, Nephrology, Bucharest, Romania, 2Carol Davila Teaching Hosip, Nephrology, Bucharest, Romania, 3Dr. Carol Davila Teaching Hosp Nephrology, Pathology, Bucharest, Romania.

SP161 MATHERAS AS RESCUE THERAPY IN RAPIDLY PROGRESSIVE RENAL FAILURE DUE TO RARE IGA,DOMINANT MPGN
Luigi Rossi, Annalisa Teutonico, Piero Lisi, Pasquale Libutti, Francesco Casucci, Carlo Lomonte, Ospedale San Paolo, Il Forno, Italy.

SP162 CLINICAL CHARACTERISTICS AND CORRELATES OF ENDOTHELIAL DYSFUNCTION IN ANCA-ASSOCIATED VASCULITIS
Olumide O. Rowaye, Mariusz Kuzstal, Magdalena Krajewska, Marian Klinger, Wrocław Medical Univ, Nephrology and Transplantation Medicine, Wrocław, Poland.

SP163 DYSREGULATED OF MUCOSAL IMMUNITY IN THE PATHOGENESIS OF IGA NEPHROPATHY
Toshiki Kano, ITSUTSU, Seiji Ueda, Yuko Makita, Yusuke Suzuki, Juntendo Univ Fac Medicine, Nephrology, Tokyo, Japan.

SP164 RITUXIMAB THERAPY IN PATIENTS WITH PRIMARY AND SECONDARY GLOMERULONEPHRITIS: RELATIONSHIP BETWEEN CLINICAL RESPONSE AND CD19+ TREAD
Lucia Del Vecchio, Donatella Casartelli, Sara M. Viganò, Giuseppe Pontoriero, A. Manzoni Hosp, Nephrology and Dialysis, Lecco, Italy.

SP165 IMMUNOSTOCHIMICAL STUDY OF IGG4 AND PLA2R IN MEMBRANOUS GLOMERULONEPHRITIS: CAN IT BE HELPFUL TO IDENTIFY THE PRIMARY FORMS OF SECONDARY ONES?: PRELIMINARY RESULTS.
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RISK PREDICTION OF CONTRAST Nephropathy IN CARDIAC PATIENTS UNDERGOING CONTRAST ENHANCED COMPUTED TOMOGRAPHY UNDER PREVENTIVE MEASURES Junsook Jeon1, Su Hyun Kim1, Sehoon Park2, Yaein Kim2, Hye Ryun Jang1, Dong Ki Kim2, Wooseong Huh1, Young Goo Kim1, Dae Joong Kim1, Hyang Oh1, Jung Eun Lee1, 1Samsung Medical Center, Sungkyunkwan Univ School Medicine, Nephrology, Seoul, Korea, 2Seoul National Univ College Medicine, Internal Medicine, Seoul, Korea.

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PLASMIN SCORE FOR A QUICK ASSESSMENT OF ADAMS13 ACTIVITY IN PATIENTS FROM SOUTHERN ITALY WITH THROMBOTIC MICROANGIOPATHIES G Tisca1, F Cappucci1, P Scalabi2, N Cascavilla2, C Battista3, A Abrescia4, C Buquicchio5, M Brigante6, G D’Andre7, B Di Paolillo, G Giordanano, F Infantino8, P Piano9, P Panrieni12, L Tuito10, O Sotuni3, E Grando1, F Accipp13, 1IRCCS Casa Sollievo della Sofferenza, Thrombosis and Haemostasis, San Giovanni R., Italy, 2IRCCS Casa Sollievo della Sofferenza, Hematology, San Giovanni R., Italy, 3Policlinico, Transfusion Medicine, Bari, Italy, 4Opus Mons. Dmicoli, Intensive Care, Barletta, Italy, 5Opus Mons. Dimicoli, Hematology, Barletta, Italy, 6Opus A. Cardarelli, Nephrology & Dialysis, Casapoola, Italy, 7Opus Riuniti, Genetics, Foggia, Italy, 8Opus San Pio da Pietrelcina, Nephrology & Dialysis, Vasto, Italy, 9Opus A. Cardarelli, Internal Medicine, Casapoolo, Italy, 10Opus Riuniti, Intensive Care, Foggia, Italy, 11Opus A. Cardarelli, Oncology, Casapulla, Italy, 12Policlinico, Lab, Bari, Italy, 13IRCCS Casa Sollievo della Sofferenza, Nephrology & Dialysis, San Giovanni R., Italy.

SP233
THE INCIDENCE, RISK FACTORS AND LONG TERM RENAL OUTCOME OF ACUTE KIDNEY INJURY IN DIABETIC KETOACIDOSIS PATIENTS Junzhe Chen, Ying Tang, Honghui Zeng, Qiuyan Huang, Yanchun Xu, Mingsheng Zhu, Anping Xu, Sun Yat-sen Memorial Hosp, Sun Yat-sen Univ, Dept Nephrology, Guangzhou, China.

SP234
ESTIMATING THE RISK OF ACUTE KIDNEY INJURY ASSOCIATED WITH USE OF DIURETICS AND RENIN ANGIOTENSIN ALDOSTERONE SYSTEM BLOCKERS Jemima Scottt1,2, Timothy Jones3, Yoaav Ben-Shlomo2, Theresa Redenare2, Margaret May2, Fergus Caskey1,2, 1North Bristol NHS Trust, Richard Bright Renal Unit, Bristol, UK, 2Univ Bristol, Population Health Sciences, Bristol Medical School, Bristol, UK, 3Univ Bristol, Bristol, UK, 4UK Renal Registry, Bristol, UK.

SP235
CLINICAL APPLICATION OF AUTOLOGOUS BONE MARROW MONONUCLEAR CELL IN THERAPY OF ACUTE KIDNEY INJURY Valery Plotovich1, Marina Zafrenskaaya2, Kiril Komissarova1, Darya Nizheherodova2, Margaret Dmitrenka3, Siarhei Plyutskie4, 1Belarusian Medical Academy Postgraduate Education, Urology and Nephrology, Minsk, Belarus, 2Belarusian Medical Academy Postgraduate Education, Immunology, Minsk, Belarus, 3Clinical Pathologic Bureau, Pathology, Minsk, Belarus, 4Minsk Regional Clinical Hospital, Nephrology and Dialysis, Minsk, Belarus.
SP236 DEVELOPMENT AND IMPLEMENTATION OF AN ACUTE KIDNEY INJURY E-ALERT SYSTEM IN ACUTE MEDICAL RECEIVING UNITS IN GLASGOW
Paul Purnell1, Jamie McAllister2, Alison Taylor2, Iain Jones3, Frank Finlay3, Kathryn Stevens2, Catherine Stirling2, 1Renal Medicine, Univ Hosp Crosshouse, Kilmarnock, UK, 2Glasgow Renal and Transplant Unit, Queen Elizabeth Univ Hosp Glasgow, Glasgow, UK, 3Dept Clinical Biochemistry, Glasgow Royal Infirmary, Glasgow, UK.

SP237 PREDICTIVE VALUE OF BRAIN NATURETIC PEPTIDE & NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN IN ACUTE KIDNEY INJURY IN CRITICALLY ILL PATIENTS
Mappy M. S. Elsharkawy1, Mohamed AbdElShany2, Ahmed Aziz2, Osama Mahmoud2, Hussein ElSayed2, Mohamed S. Hassan2, Shaimaa AbdElEmiGied2, 1Inn-Shams Univ, Int. Medicine & Nephrology, Cairo, Egypt, 2Inn-Shams Univ, Nephrology, Cairo, Egypt.

SP238 THE EFFECT OF SELENIUM ON PREVENTION OF ACUTE KIDNEY INJURY AFTER ON-PUMP CARDIAC SURGERY
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SP239 DEVELOPMENT OF A PROGNOSTIC INDEX FOR ASSESSING THE RISK OF DELIRIUM IN SUBJECTS WITH AKI UNDERGOING DIALYSIS
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SP240 EARLY POST OPERATIVE ACUTE KIDNEY INJURY AFTER CARDIAC TRANSPLANTATION INCIDENCE AND PREDICTIVE FACTORS
Nooshin Dalili, Chronic Kidney Disease Research Center (CKDRC), Dept Nephrology Labbafinejad Hosp, Shahid Beheshti Univ Medical Sciences, Nephrology, Tehran, Iran.

SP241 SIMPLIFIED REGIONAL CITRATE ANTICOAGULATION USING A CALCIUM-CONTAINING REPLACEMENT SOLUTION FOR CONTINUOUS RENAL REPLACEMENT THERAPY: A RANDOMIZED PROSPECTIVE PILOT TRIAL.
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SP242 ITRAQ-BASED QUANTITATIVE PROTEOMICS REVEALS URINE APOLIPOPROTEIN A-I AS A POTENTIAL BIOMARKER OF ACUTE KIDNEY INJURY FOLLOWING PERCUTANEOUS CORONARY INTERVENTION IN ELDERLY PATIENTS
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SP243 PROGNOSTIC SIGNIFICANCE OF LOW LEVEL OF BLOOD LACTATE IN SEVERE ACUTE KIDNEY INJURY: A SECONDARY ANALYSIS FROM THE RENAL STUDY
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SP244 IS URINARY NEPHROCHECK TEST USEFUL IN CLINICAL DIAGNOSIS AND THERAPEUTIC DECISION FOR ACUTE KIDNEY DISEASE IN CRITICALLY ILL PATIENTS?
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SP245 CONTRAST INDUCED ACUTE KIDNEY INJURY A MULTICENTRE EXPERIENCE
Daniela A. Motel1, Adelina Mihaescu1, Ovidiu C. Iancu2, Luciana Marc1, Florina N. Gadalean1, Flavu Bob1, Oana Schiller3, Adela Bel4, Bogdan Timar1, Cristina Dijmarescu5, Gheorghe Bozoj1, Silvia Veicov1, Adalbert Schiller1, 1Univ Medicine and Pharmacy Victor Babes, Nephrology, Timisoara, Romania, 2Emergency City Hosp, Internal Medicine, Timisoara, Romania, 3B-Braun Avitum Dialysis Centre Timisoara, Dialysis, Timisoara, Romania, 4Emergency Clinical Hosp, Internal Medicine, Bucharest, Romania, 5Univ Medicine and Pharmacy Victor Babes, Nephrology, Timisoara, Romania.

SP246 ACUTE KIDNEY INJURY ELECTRONIC ALERTS: MIXED METHODS NORMALIZATION PROCESS THEORY EVALUATION OF THEIR IMPLEMENTATION INTO SECONDARY CARE
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SP247 ADMINISTRATION OF ASTRAGALUS MEMBRANACEUS PREVENTED KIDNEY DYSFUNCTION IN MICE AND IN PATIENTS WITH CHRONIC KIDNEY DISEASE.
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SP248 THE CLINICAL ANALYSIS OF 10 CASES PREGNANCY-RELATED THROMBOTIC MICROANGIOPATHY
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SP249 PREVENTION OF CARDIAC SURGERY-ASSOCIATED ACUTE KIDNEY INJURY BY RISK STRATIFICATION USING (TIMP-2)/IGFBP7.
Guillaume Classe1, Charlene Couturiere2, Christophe Mariat1, Jérôme Moret3, Nicolas Maillard1, 1Hosp Saint Etienne, Nephrology, Dialysis and Transplantation, Saint-Etienne, France, 2Univ Lyon Hosp Saint Etienne, Anesthesiology, Saint-Etienne, France, 3Saint-Etienne, Intensive Care Unit Saint-Etienne, France.

SP250 RELATIVE BLOOD VOLUME MONITORING PREDICTS THE VARIATION OF MEAN ARTERIAL PRESSURE DURING LONG STANDING DIALYSIS IN INTENSIVE CARE UNIT
Nicolas Maillard1, Hayate Charka2, Guillaume Classe1, Miranda Dinic1, Eric Alamartine1, Christophe Mariat1, 1CHU Saint Etienne, Réanimation Néphrologie et Transplantation Rénale, Saint-Etienne, France, 2CHU Saint Etienne, Anesthésie Réanimation, Saint-Etienne, France.

SP251 PREVENTIVE EFFECT OF TRIMETAZIDINE ON CONTRAST-INDUCED NEPHROPATHY NEPHROPATHY
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SP252 URINARY CADIUM AND COPPER AS BIOMARKERS OF ACUTE KIDNEY INJURY AFTER INTENSIVE CARE UNIT ADMISSION
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SP253 METFORMIN-ASSOCIATED LACTIC ACIDOSIS AND ACUTE KIDNEY INJURY AN UNDERESTIMATED DISEASE
Maria Jose Gomez Rodriguez, Fabiola Alonso Garcia, Irene Diaz Diaz, Francisco de la Prada Alvarez, Nuria Aréstegui Fosalba, Mercedes Salguera Lazo, Hosp Univ Virgen Macarena, Nephrology, Sevilla, Spain.
CVD, PATHOPHYSIOLOGY, PROGRESSION AND RISK FACTORS 2

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EVALUATION OF CLASSICAL AND NOVEL 2D STRAIN ECHOCARDIOGRAPHIC INDICES BEFORE AND AFTER DIPY- RIDAMOLE INFUSION, IN PATIENTS WITH CHRONIC KIDNEY DISEASE COMPARING TO HEALTHY CONTROLS
Lampros Lukas1, Katerina Naka1, Aris Bechouli1, Charaliaimos Pappas2, Evangelia Ntounou3, Christos Katsoras1, Lampros Michalis1, 1Ulvir Hosp Ioannina, 2nd Cardiology Dept, Ioannina, Greece, 2Ulvir Hosp Ioannina, Nephrology Dept, Ioannina, Greece, 3Ulvir Ioannina, Nephrology Dept, Ioannina, Greece.

SP255
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Hiroshi Tanaka, Mihara Red Cross Hosp, Internal Medicine/Nephrology, Mihara, Japan.

SP256
RELATIONSHIP BETWEEN SERUM ANGIOPOIETIN-2 LEVEL AND CARDIOVASCULAR RISK IN CHRONIC KIDNEY DISEASE PATIENTS
Mahnaz Hassani, Al-Azhar University, Internal Medicine, Cairo, Egypt.

SP257
EARLY RENAL INFLAMMATORY MOLECULE EXPRESSION DIFFERENCES AFTER UNILATERAL URETERO-OBSTRUCTION IN MICE
Gabor Kenkney1, Ameloa Foss2, Agnes Nemeth2, Krisztina Fazekas2, Miklos M. Mozes2, 1Semmelweis Univ, Inst Pathophysiology, Budapest, Hungary, 2Semmelweis Univ, Dept Pathophysiology, Budapest, Hungary.

SP258
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SP259
IRON DEFICIENCY AND FGF 23 IN CHRONIC KIDNEY DISEASE
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P53 PROMOTES HYPOXIA-INDUCED RENAL TUBULAR EPITHELIAL CELL G2/M ARREST AND RENAL FIBROSIS
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SP261
ATHEROGENIC PROPERTIES OF LDL PARTICLES IN ESRD PATIENTS ON HEMODIALYSIS
Susana Coimbra1, 2, Flavio Retes1, Sara Nunes3, Sofia Viana3, Susana Rocha3, Maria Joao Valente4, Cristina Catarino5, Petronila Rocha-Pereira6,6, Elena Bronze-da-Rocha4, Maria do Sameiro Faria7,4, José Gerardo Oliveira8,9, José Madureira10, João C. Ferandes11, Vasco Madureira12, Luis Belo4, Alice Santos-Silva4,1,1UCIBIO/REQUIMTE, DTB, Porto, Portugal, 2CESPU, Infacts, Gandra, Portugal, 3Fac Medicine, Univ Coimbra, Coimbra Inst Clinical and Biomedical Research (ICBR), Coimbra, Portugal, 4UCIBIO/REQUIMTE, Dept Biological Sciences, Biochemistry Lab, FFUP, Porto, Portugal, 5FSc Medicine, Univ Coimbra, Coimbra Inst Clinical and Biomedical Research (ICBR), Coimbra, Portugal, 6UCIBIO/REQUIMTE, Dept Biological Sciences, Biochemistry Lab, FFUP, Porto, Portugal, 6Univ Beira Interior, CqC, Covilhã, Portugal, 7Hemodialysis Clinic Felgueiras, CHF, Felgueiras, Portugal, 8Hemodialysis Clinic Porto, CHP, Porto, Portugal, 9Porto Fac Medicine, Cintesis, Porto, Portugal, 10NeuroServe, Hemodialysis Clinic, Barcelos, Portugal, 11NeuroServe, Hemodialysis Clinic, Viana do Castelo, Portugal, 12Hemodialysis Clinic Gondomar, CHG, Gondomar, Portugal.

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SECONDHAND SMOKING IS A RISK FACTOR FOR INCIDENT CHRONIC KIDNEY DISEASE DEVELOPMENT
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FGF23 IS INDEPENDENTLY ASSOCIATED WITH INCIDENT CKD AND MORTALITY IN THE GENERAL POPULATION
Maarten A. de Jong1, Marie M. Pierre Louis1, Michele F. Eisinger1, Iris A. Lucas2, Stephan J.L. Bakker1, Martin H. de Borscht1, Univ Medical Center Groningen, Nephrology, Groningen, Netherlands, 2Univ Medical Center Groningen, Groningen, Netherlands.

SP264
C1Q TNF RELATED PROTEIN 1, OBESITY AND PROGRESSION OF CHRONIC KIDNEY DISEASE
Diego Barbieri1, Maria Dolores Sánchez-Nilo2, María Ángeles Goicocochea1, Alberto Ortiz3, Eduardo Verde1, Ursula Verdaal1, Ana Perez de Jose1, Ana Garcia-Prieto1, Esther Torres1, Andrés Hernández Coronado1, Jose Lulo1, 1Hosp General Univ Gregorio Maranon, Nephrology, Madrid, Spain, 2Institut Investigación Sanitaria, Fundación Jiménez Diaz (ISS-FJD UAM), Biochemistry, Madrid, Spain, 3Inst Investigación Sanitaria, Fundación Jiménez Diaz, Nephrology, Madrid, Spain.

SP265
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Nadja Mahmoud, 1Charlotte Buchanan2, Eleanor Cox2, Benjamin Prestwich2, Nicholas Selby1, Susan Francis2, Maarten Taat1, 1Ulvir Nottingham, Medical sciences nephrology, Derby, UK, 2Ulvir Nottingham, Physics, Nottingham, UK.

SP266
SEX HORMONE BINDING GLOBULIN (SHBG) SERUM LEVELS ARE INCREASED AND CORRELATE WITH INSULIN RESISTENCE IN MEN ON CHRONIC HEMODIALYSIS
Eudokia Nikolaou1,2, Georgios Filippidis2, Spyridon Goffnopolous2, Paulo Malindretos1, Theodora Eleftheriadi2, Alexandra Bargaio3, Ioannis Stefanidis2, 1General Hosp Volos, Renal Unit, Volos, Greece, 2Ulvir Thessaly, School Medicine, Nephrology, Larissa, Greece, 3Ulvir Thessaly, School Medicine, Endocrinology, Larissa, Greece.

SP267
DETRIMENTAL EFFECT OF RENIN ANGIOTENSIN BLOCKADE ON PROGRESSION OF CHRONIC KIDNEY DISEASE AT LATER STAGES: A MATTER OF DOSAGE ADJUSTMENT?
Fernando Caravaca-Fontan, Julian Valdares, Adrian Romainiuc, Enrique Luna, Francisco Caravaca, Hosp Infantil, Cristina, Nephrology, Badajoz, Spain.

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Shira Yuval Bar-Asher1, Alexander Shefer2,3, Ilana Shoham-Vardi4, Ruslan Sergienko4, Arik Wolak5,3, Eyal Shemer6, 3Talya Wolak7,3, 1Ben Gurion Univ Negev, Fac Health Sciences, Joyce & Irving Goldman Medical School Beer Sheva, Israel, 2Soroka Univ Med, Internal Medicine Dept, Beer Sheva, Israel, 3Ben Gurion Univ Negev, Fac Health Sciences, Beer Sheva, Israel, 4Ben Gurion Univ Negev, Dept Public Health, Fac Health Sciences, Beer Sheva, Israel, 5Shaare Zedek Medical Center, Cardiopat, Jerusalem, Israel, 6Soroka Univ Med, Dept Obstetrics and Gynecology, Beer Sheva, Israel, 7Shaare Zedek Medical Center, Div Internal Medicine, Jerusalem, Israel.

SP269
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Miklos M. Mozes, Agnes Nemeth, Krisztina Fazekas, Gabor Kenkney, Semmelweis Univ, Dept Pathophysiology, Budapest, Hungary.

SP270
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Karthika R. Melemadathil, Sreelatha Melemadathil, Arun V. Ashok, Govt. Medical College, Kozhikode, Nephrology, Kozhikode, India.

SP271
PROFILING OF NEUROVASCULAR DISEASES IN PATIENTS WITH STAGE 5 CHRONIC KIDNEY DISEASE USING SPECIFIC BIOMARKER PROFILING
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SP272
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Fatih Hassan1, Kamal Hassan2, Amir Saab1, Shadia Hassan3, Nuri Abbas4, Dunia Hassan5, Khazim Khaled6, 1Galilee Medical Center, Pediatric Dept, Nahariya, Israel, 2Soroka Univ Med Center, Pediatric Dept, Nahariya, Israel, 3Soroka Univ Med Center, Dept Obstetrics and Gynecology, Beer Sheva, Israel, 4Ben Gurion Univ Negev, Fac Health Sciences, Beer Sheva, Israel, 5Shaare Zedek Medical Center, Cardiopat, Jerusalem, Israel, 6Galilee Medical Center, Pediatric Dept, Nahariya, Israel.

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RELATIONSHIP BETWEEN HISTOLOGY AND PROGRESSION
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SP274
RENAL DISEASE?
Hiroshi Tanaka, Mihara Red Cross Hosp, Internal Medicine/Nephrology, Mihara, Japan.

SP275
OBESITY AND HEALTH-RELATED QUALITY OF LIFE IN ADULTS WITH PREDIALYSIS CKD
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SP204 CURRENT STATUS OF HEMODIALYSIS PRESCRIPTION IN REGULAR HEMODIALYSIS PATIENTS IN EGYPT
Magdy M.S. ElSharkawy1, Yahya Makkeya2, Khaled AbuSeif1, Adel Afifi2, Essam Khaled2, Sabry Gohar2, Mohamed Elrayes3, Hwayoua ElShennawy2, Hesham ElSayyed2, Iman Sarhan2, AbdelBaset ElShennawy2, Osama Mahmoud2, Sa-han Shawky2, Hesham AbuEleid2, Heba ElSaeed2, Hayam Areif2, Waleed Abdelmonem2, Waleed Badawi3, Tamer Elheem1, Tamer ElSaeed1, AbdelRahman Khedr2, Chery Reda2, Haytham Ezaz2, Essam Nor ElDine3, Ahmed Shaaban1, Hussein Elsayed1, Hayam Areif4, Mona Hosny1, 19am-Shams Univ, Int. Medicine & Nephrology, Cairo, Egypt, 20-Shams Univ. Nephrology, Cairo, Egypt.

SP203 CHANGES IN BODY MASS INDEX AND INCIDENT CHRONIC KIDNEY DISEASE GENERAL POPULATION: A COMMUNITY-BASED COHORT STUDY
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SP306 HIGHER PHTHALATE EXPOSURE MAY INCREASE RISK OF UROTHELIAL CANCER IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Chu-Ching Huang1, Che-Yi Hsu2, Taiwan Urothelial Cancer Consortium, 1China Medical Univ Hosp, Kidney Inst, Taichung, Taiwan, 2Asia Univ Hosp, Div Nephrology, Dept Dep Internal Medicine, Taichung, Taiwan.

SP307 BETA BLOCKER AND RENIN-ANGIOTENSIN SYSTEM INHIBITORS AS THE CAUSE OF HYPERKALEMIA; A CROSS SECTONAL STUDY
Kazuhio Okamura1, Sho Sasaki1, Masahide Fruto1, Makoto Hirakawa1, Masahiko Yawazawa2, Daisuke Uchida1, Yoshiko Saka1, Toshirou Raita1, Hikko Karwanzak1, Yoshihito Fujita1, Hiroki Nishikawa2, Iizuka Hosp, Dept Nephrology, Iizuka City, Japan, 3Iizuka Hosp, Clinical research support office, Iizuka City, Japan, 351 Mariana Schon, Medicine, Iizuka Hosp, Dept Nephrology and Hypertension, Dept Internal medicine, Yokohama City, Japan, 4Kawasaki Municipal Tama Hosp, Div Nephrology and Hypertension, Kawasaki City, Japan, 5Kagawa Municipal Hosp, Div Nephrology, Kagawa City, Japan, 5Kinawa Kuchu Hosp, Dept Dep Internal Medicine, Iizuka, Japan, 6Kuchu Rosai Hosp, Dept Nephrology, Nagoya City, Japan, 9Showa Univ Fujigaoka Hosp, Dept Nephrology, Yokohama City, Japan.

SP306 SURVIVAL WITH ESKD IN AN IRISH POPULATION 2002-2015

SP309 FACTORS ASSOCIATED WITH TREATMENT DISCONTINUANCES AMONG PATIENTS RECEIVING RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS
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SP310 REASONS FOR THE UNDERREPRESENTING AND UNDERTREATMENT OF CHRONIC KIDNEY DISEASE-ASSOCIATED PRURITUS
Giovanni Arisi1, Hugh C. Rayner2, Lamiece Hassan1, Sandro Mitra1, James O. Burton4, Caroline Sanders5, Sabine N. van der Veer1, 1Univ Manchester, Centre Health Informatics, Manchester, UK, 2Heart of England NHS Foundation Trust, Renal Medicine, Birmingham, UK, 3Manchester Academy Health Sciences Centre, Dept Renal Medicine, Manchester, UK, 4Univ Leicester, Dept Infection, Immunity & Inflammation, Leicester, UK, 5Univ Manchester, Social School Sciences, Manchester, UK

SP331 ASSOCIATION BETWEEN DIETARY PATTERNS, METABOLIC SYNDROME AND RENAL FUNCTION IN THE LONGITUDINAL STUDY OF ADULT HEALTH (ELSA-BRASIL)
Alegre1, Mariangela de Azevedo Calabria1, Domenico Giugliano2, Alessandra de Amorim Passos1, Calumbi R. Alegre, Brazil, 8Federal Univ Bahia, ISC, Salvador, Brazil.

SP302 CURRENT STATUS OF HEMODIALYSIS PRESCRIPTION IN REGULAR HEMODIALYSIS PATIENTS IN EGYPT

SP303 CHANGES IN BODY MASS INDEX AND INCIDENT CHRONIC KIDNEY DISEASE GENERAL POPULATION: A COMMUNITY-BASED COHORT STUDY
Hae-Ryoung Yun, Young Su Joo, Shin-Wook Kang, College Medicine, Inst Kidney Disease Research, Yonsei Univ, Dep Internal Medicine, Seoul, Korea.

SP306 HIGHER PHTHALATE EXPOSURE MAY INCREASE RISK OF UROTHELIAL CANCER IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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SP307 BETA BLOCKER AND RENIN-ANGIOTENSIN SYSTEM INHIBITORS AS THE CAUSE OF HYPERKALEMIA; A CROSS SECTONAL STUDY
Kazuhio Okamura1, Sho Sasaki1, Masahide Fruto1, Makoto Hirakawa1, Masahiko Yawazawa2, Daisuke Uchida1, Yoshiko Saka1, Toshirou Raita1, Hikko Karwanzak1, Yoshihito Fujita1, Hiroki Nishikawa2, Iizuka Hosp, Dept Nephrology, Iizuka City, Japan, 3Iizuka Hosp, Clinical research support office, Iizuka City, Japan, 351 Mariana Schon, Medicine, Iizuka Hosp, Dept Nephrology and Hypertension, Dept Internal medicine, Yokohama City, Japan, 4Kawasaki Municipal Tama Hosp, Div Nephrology and Hypertension, Kawasaki City, Japan, 5Kagawa Municipal Hosp, Div Nephrology, Kagawa City, Japan, 5Kinawa Kuchu Hosp, Dept Dep Internal Medicine, Iizuka, Japan, 6Kuchu Rosai Hosp, Dept Nephrology, Nagoya City, Japan, 9Showa Univ Fujigaoka Hosp, Dept Nephrology, Yokohama City, Japan.

SP306 SURVIVAL WITH ESKD IN AN IRISH POPULATION 2002-2015

SP309 FACTORS ASSOCIATED WITH TREATMENT DISCONTINUANCES AMONG PATIENTS RECEIVING RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS
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SP310 REASONS FOR THE UNDERREPRESENTING AND UNDERTREATMENT OF CHRONIC KIDNEY DISEASE-ASSOCIATED PRURITUS
Giovanni Arisi1, Hugh C. Rayner2, Lamiece Hassan1, Sandro Mitra1, James O. Burton4, Caroline Sanders5, Sabine N. van der Veer1, 1Univ Manchester, Centre Health Informatics, Manchester, UK, 2Heart of England NHS Foundation Trust, Renal Medicine, Birmingham, UK, 3Manchester Academy Health Sciences Centre, Dept Renal Medicine, Manchester, UK, 4Univ Leicester, Dept Infection, Immunity & Inflammation, Leicester, UK, 5Univ Manchester, Social School Sciences, Manchester, UK

SP331 ASSOCIATION BETWEEN DIETARY PATTERNS, METABOLIC SYNDROME AND RENAL FUNCTION IN THE LONGITUDINAL STUDY OF ADULT HEALTH (ELSA-BRASIL)
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SP312 QUALITY OF STUDIES DEVELOPING PROGNOSTIC BIOMARKERS AND MODELS FOR END-STAGE RENAL DISEASE IN ACUTE CHRONIC KIDNEY DISEASE - A SYSTEMATIC REVIEW
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SP313 PREVALENCE OF CARDIO-RENAL RISK FACTORS IN URBAN & RURAL POPULATION - FINDINGS FROM A SCREENING PROGRAM IN BANGLADESH (BAN-CARE)
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SP314 ONE-YEAR MORTALITY OF PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION: PROGNOSTIC IMPACT OF CREATININE-BASED EQUATIONS TO ESTIMATE GLOMERULAR FILTRATION RATE
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SP315 ARCHITECT HEPATITIS C VIRUS (HCV) CORE ANTIGEN TEST: A HCV RNA SCREENING ALTERNATIVE IN END-STAGE RENAL DISEASE (ESRD) AND HEMODIALYSIS PATIENTS?
Rita Valerio Alves1, Rita M. Abrantes1, Hermann Goncalves1, Maria Leonor Goncalves2, Karina Lopes1, Flora Sofia1, Ana Vila Lobos1, 1Centro Hosp Médio Tejo, Nephrology, Torres Novas, Portugal, 2Centro Hosp Médio Tejo, Immunochemotherapy, Torres Novas, Portugal.

SP316 THE HIGHER MORTALITY IS ASSOCIATED WITH HEART VALVE DISEASE IN END STAGE KIDNEY DISEASE: A SINGLE CENTER EXPERIENCE
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SP317 ASSOCIATION BETWEEN TIME-UPDATED SYSTOLIC BLOOD PRESSURE AND THE INCIDENT CHRONIC KIDNEY DISEASE
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SP318 THE ADDITIVE INTERACTION BETWEEN CENTRAL OBESITY-RELATED LIPID DYSMETABOLISM AND INCREASED BLOOD PRESSURE ON IMPAIRED KIDNEY FUNCTION IN GENERAL POPULATION
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SP319 POLYPHARMACY AND TREATMENT ADHERENCE IN CHRONIC KIDNEY DISEASE PATIENTS
Gabriel Stefani1,2, Sorana Pescaru2, Liliana Gameaef1,2, Cristina Capusa1,2, Gabriel Miclescu1,2, 1Dr Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, Romania, 2Carol Davila Univ Medicine and Pharmacology, Nephrology, Bucharest, Romania.

SP320 CHRONIC KIDNEY DISEASE AND RELATIONSHIP BETWEEN INFLAMMATION, ALBUMINURIA AND CHOLESTEROLS IN PATIENTS WITH HYPERTENSION
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SP321 TIMING FOR RENAL REPLACEMENT THERAPY INITIATION: CHARACTERISTICS AND TRENDS IN A METROPOLITAN AREA IN THE SOUTHEAST OF BRAZIL
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SP322 ADIPONECTIN MODIFIES THE FGF23 RESPONSE TO VITAMIN D RECEPTOR ACTIVATION: A RANDOMIZED CLINICAL TRIAL
Belinda Spot1, Patrizia Pizzini1, Giovanni Tripoli1, Francesca Mallacarci1, Carmine Zoccali1, 1CNR-IFC, Clinical Epidemiology and Physiopathology Research Center on Chronic Kidney Disease and Hypertension, Reggio Calabria, Italy, 2Univrni Hosp, Nephrology and Renal Transplantation Unit, Reggio Calabria, Italy.

SP323 HIGH FIBRINOGEN LEVELS ARE INDEPENDENTLY ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE (CKD)
Nuri Baris Hasha1,2, Hideyuki Muka2, Zhimin Chen3, Bengt Lindholm2, Oluf Heinbürger2, Peter Barany2, Peter Stenvinke2, Abdul Rashid Qureshi2, 1Sisli Hamidiye Efkat Hosp, Dept Nephrology, Istanbul, Turkey, 2Karolinska Inst, Renal Medicine and Baxter Novum, Stockholm, Sweden, 31st Affiliated Hosp College Medicine, Zhejiang Univ, Kidney Disease Center, Hangzhou, China.

SP324 RATES OF HYPERKALEMIA AMONG INDIVIDUALS RECEIVING RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITORS
David T. Gilbertson1, Heng Yani1, Yi Peng1, Laura Horne2, Hairong Xu2, James B. Wetmore1, 1Chronic Disease Research Group, Minneapolis Medical Research Foundation, Minneapolis, MN, 2ASTRAZeneca, Medical Evidence and Observational Research, Gaithersburg, MD.

SP325 THE IMPACT OF DIALYSIS TREATMENT ON THE PSYCHOLOGICAL HEALTH OF YOUNG ADULTS: DATA FROM THE SPEAK STUDY
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SP326 CORONARY ARTERY DISEASE IN CHRONIC KIDNEY DISEASE: IS IT DIFFERENT?
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SP327 BASELINE CHARACTERISTICS OF THE AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE SUBCOHORT OF THE KOREAN COHORT STUDY FOR OUTCOMES IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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SP328 DO HEALTH DIFFERENCES BETWEEN SLOVAK DIALYZED ROMA AND NON-ROMA EXIST?
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SP329 COMMUNITY SCREENING FOR CHRONIC KIDNEY DISEASE RISK FACTORS IN GUINEA-BISSAU
Catarina Carvalho, Diaverum, Portugal, Sintra, Portugal.

SP330 THE IMPACT OF CHRONIC KIDNEY DISEASE ON QUALITY OF LIFE: FINDINGS FROM A SYSTEMATIC LITERATURE REVIEW
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Shota Tokuyama1, Masanori Fujiwara1, Fumihiko Sat01, Toshihiko Shimazaki1, Hirotoka Wate1, Aya Shiniku1, Ta- kumi Numazaki1, Yasunori Kawakita1, Kunika Kikumori2, Noriko Takayama3, Sota Kato3, Tomohiro Sugimoto4, Jinsei Manuyama5, 1Torii Pharmaceutical Co. Ltd., Clinical Research, Tokyo, Japan, 2Taiso Pharmaceutical Co. Ltd., Data Science, Tokyo, Japan, 3Taiso Pharmaceutical Co. Ltd., Pharmacology Laboratories, Tokyo, Japan, 4Taiso Pharma- ceutical Co. Ltd., Development Management, Tokyo, Japan.

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CIRCULATING FIBROBLAST GROWTH FACTOR-23 LEVELS ARE ASSOCIATED WITH AN INCREASED RISK OF ANAEMIA IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS
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SP333
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Tadao Akizawa1, Iain C Macdougall2, Jeffrey S Berns3, Thomas Bernhardt4, Meganui Tachuck5, Erik Gurov6, Kazuma Hiraoka7, 1Hokkaido Univ School of Medicine, Div Nephrology, Japan, 2King’s College Hosp, Hospital, Nephrology, London, UK, 3Hosp Univ Pennsylvania, Nephrology, Philadelphia, PA, 4Bayeta AG, Pharmaceuticals, Berlin, Germany, 5Bayeta Yakuhin Ltd, Medical Affairs, Osaka, Japan, 6Bayeta Yakuhin Ltd, Product development, Osaka, Japan.

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FERRIC CARBOXYMALTOSE vs. FERROSAL SULFATE FOR THE TREATMENT OF ANAEMIA IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE V: A PROSPECTIVE COMPARISON STUDY
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SP337
ASSOCIATION OF BODY COMPOSITION WITH HEMOGLOBIN CONCENTRATIONS IN PATIENTS WITH CHRONIC KIDNEY DISEASE
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Luís Belo1,2, Susana Rocha1,2, Maria João Valente1,2, Susana Coimbra1,3, Cristina Catalão1,2, Elsa Bronze-da Rocha1,2, Mária Carvalho1, Petronila Rocha-Pereira1,5, Maria do Sameiro-Fari1,6, José Gerardo Oliveira7,8, José Madureira1, João Carlos Fernandes10, Vasco Miranda11, Alice Santos-Silva12, 1UCIBIOREQUITE, DTB, Porto, Portugal, 2Fac Pharmucy, Univ Porto, Dept Biologics Sciences, Lab Biochemistry, Porto, Portugal, 3CEPUI, Inst Resesarch and Advanced Training Health Sciences and Technologies (INFACTS), Gandra, Portugal, 4Univ Fernanda Pessoa, UFP Energy, Environment and Health Research Unit (FP-ENAS), Porto, Portugal, 5Univ Beira Interior, Health Science Research Centre, Covilha, Portugal, 6Hemodialysis Clinic Felipas, CHP, Porto, Portugal, 8Fac Pharmucy, Univ Porto, Center Health Technology and Services Research (CINTESIS), Porto, Portugal, 9Netfroserve, Hemodialysis Clinic Barcelos, Barcelos, Portugal, 10Nefroserve, Hemodialysis Clinic Viana do Castelo, Viana do Castelo, Portugal, 11Hemodialysis Clinic Gondomar, CHG, Gondomar, Portugal.

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COMPARATIVE ANALYSIS BETWEEN ONLINE MIXED-DILUTION AND POST-DILUTION HEMODILUTIONAL FILTRATION ON ANAEMIA MANAGEMENT
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SP340
CONVENTIONAL INTRAUSIVE IRON TREATMENT DOES NOT INCREASE THE MORTALITY AND HOSPITALIZATION RATE IN PATIENTS WITH HEMODIALYSIS
Chun Sook Lim1, Hynju Ryu2, Jung Pyo Lee1, Yun Kyu Oh1, 1Seoul National Univ Boramae Medical Center, Dept Internal Medicine, Seoul, Korea, 2Seoul National Univ Hosp, Dept Internal Medicine, Seoul, Korea.

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Angelo Karaboyas1, Hal Morgenstern2, Ronald L. Pisoni1, Sandra Waechter3, Raymond Vanholder4, Stefan H. Ja- spentzakis1,5, Masaki Inaba6, Marsh M. Scoot7, Friedrich K. Portz8, Bruce M. Robinson9, 1An Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Univ Michigan, Epidemiology, Ann Arbor, MI, 3Vifor Pharma Ltd, Nephrology, Glattbrugg, Switzerland, 4Univ Hosp, Nephrology, Gent, Belgium, 5Sanydered Univ Hosp, Karolinska Inst, Stockholm, Sweden, 6Osaka City Univ, Metabolism, Endocrinology and Molecular Medicine, Osaka, Japan, 7Univ Ottawa, Div Nephrology, Ottawa, ON, Canada, 8Univ Michigan, Internal Medicine, Ann Arbor, MI.

SP342
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Stephan Saur1, Otto Arkossy2, Ulrich Moiss1, Peter Wabe3, Bernard Canaud4, Pedro Ponco5, 1Fresenius Medical Care Deutschland GmbH, Clinical & Therapeutical Governance, Bad Homburg, Germany, 2Fresenius Medical Care, Clinical and Therapeutical Governance, Bad Homburg, Germany, 3Fresenius Medical Care, Global Research and De- velopment, Bad Homburg, Germany, 4Fresenius Medical Care, Center Excellence Medical, Bad Homburg, Germany, 5Fresenius Medical Care, Nephrocare, Lisboa, Portugal.

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Angelo Karaboyas1, Hal Morgenstern2, Ronald L. Pisoni1, Sandra Waechter3, Raymond Vanholder4, Stefan H. Ja- spentzakis1,5, Masaki Inaba6, Marsh M. Scoot7, Friedrich K. Portz8, Bruce M. Robinson9, 1An Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Univ Michigan, Epidemiology, Ann Arbor, MI, 3Vifor Pharma Ltd, Nephrology, Glattbrugg, Switzerland, 4Univ Hosp, Nephrology, Gent, Belgium, 5Sanydered Univ Hosp, Karolinska Inst, Stockholm, Sweden, 6Osaka City Univ, Metabolism, Endocrinology and Molecular Medicine, Osaka, Japan, 7Univ Ottawa, Div Nephrology, Ottawa, ON, Canada, 8Univ Michigan, Internal Medicine, Ann Arbor, MI.

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Angelo Karaboyas1, Hal Morgenstern2, Ronald L. Pisoni1, Sandra Waechter3, Raymond Vanholder4, Stefan H. Ja- spentzakis1,5, Masaki Inaba6, Marsh M. Scoot7, Friedrich K. Portz8, Bruce M. Robinson9, 1An Research Collaborative for Health, DOPPS, Ann Arbor, MI, 2Univ Michigan, Epidemiology, Ann Arbor, MI, 3Vifor Pharma Ltd, Nephrology, Glattbrugg, Switzerland, 4Univ Hosp, Nephrology, Gent, Belgium, 5Sanydered Univ Hosp, Karolinska Inst, Stockholm, Sweden, 6Osaka City Univ, Metabolism, Endocrinology and Molecular Medicine, Osaka, Japan, 7Univ Ottawa, Div Nephrology, Ottawa, ON, Canada, 8Univ Michigan, Internal Medicine, Ann Arbor, MI.

SP345
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SP347  IMPACT OF ORAL ANTICOAGULANT AND ANTIPLATELET THERAPIES ON ANEMIA MANAGEMENT: EXPERIENCE OF NEPHROCARPE FRANCE
Charles Chazot1, Bernard Caunaud2, Claudio Ferrari3, Marzio Alunni3, Stefano Suard4, 1NephroCareFrance, Medical Direction, Fresnes, France, 2Fresnes Medical Care, Center Excellence Medical EMEA, Bad Homburg, Germany, 3Fresnes Medical Care, Care Value Information Services, Palazzo Pignano, Italy, 4Fresnes Medical Care, Medical, Therapeutical Governance, Bad Homburg, Germany.

SP348  ASSOCIATION OF NT-Pro-BNP WITH ANEMIA, INFLAMMATION AND KIDNEY FUNCTION IN PORTUGUESE DIALYSIS PATIENTS
Cristina Catarino1, Susana Rocha1, Susana Coimbra2,3, Célia Amorim4, Maria João Valente1, Petronila Rocha-Pereira2,5, Elza Bronze-da-Rocha1, José Gerardo Oliveira6,7, José Madureira8,9, João Carlos Fernandes1, Maria do Sameiro Fanão10, Vasco Miranda11, Luis Belo1, Alice Santos-Silva1, 1UCIBIO/REQUIMTE, Lab Biochemistry, Dept Biological Sciences, Fac Pharmacy, Univ Porto, Porto, Portugal, 2UCIBIO/REQUIMTE, DTB, Porto, Portugal, 3CESPU, Inst Research and Advanced Training Health Sciences and Technologies (INFACTS), Gandra PrD, Portugal, 4REQUIMTE/ LAQUV, Dept Applied Chemistry, Fac Pharmacy, Univ Porto, Porto, Portugal, 5UCIBIO/REQUIMTE, Health Science Research Centre, Univ Beira Interior, Covilhã, Portugal, 6Hemodialysis Clinic Porto, CHP, Porto, Portugal, 7Center Health Technology and Services Research (CINTESIS), Fac Medicine, Univ Porto, Porto, Portugal, 8NefroServe, Hemodialysis Clinic Barcelos, Barcelos, Portugal, 9NefroServe, Hemodialysis Clinic Viana do Castelo, Porto, Portugal, 10NefroServe. Clinic Felgueiras, Huf, Felgueiras, Portugal, 11NefroServe Clinic Gondomar, HCG, Gondomar, Portugal.

SP349  BASAL HEMOGLOBIN PRODUCTION AND REQUIRED DOSE OF ERYTHROPOIESIS-STIMULATING AGENTS IN HEMODIALYSIS PATIENTS WITH ANEMIA
Tadashi Kujii1, Tomoko Kanke2,1, Masahiro Nishihara3, Kazuhiko Shibata2, Hidehisa Satta3, Kiyotaka Imoto1,2,4, Sei-ichi Kawata2, Naoaki Koguchi1, Tetsuya Fujikawa5, 1Yokodai Central Clinic, Internal Medicine, Yokohama, Japan, 2Yokohama National Univ, Center Health Service Sciences, Yokohama, Japan, 3Yokohama Medical Center East, Internal Medicine, Tokyo, Japan.

SP350  RELATIONSHIP BETWEEN NEUTROPHIL−TO−LYMPHOCYTE RATIO AND ERYTHROPOIETIN RESISTANCE INDEX: A MULTICENTER STUDY
Francisco Valga1,2,1,2, Fernando Henriquez1,2,3,4, Angelita Caprotta5,6, Angela Salerno7,8, Gloria Anton1,2,3,4,1 Avericum Negrin, Nephrology, Las Palmas de Gran Canaria, Spain, 2Avericum Clinic, Nephrology, Santa Maria de la Salle Clinic, Palma de Mallorca, Spain, 3Son Espases Univ Hosp, Pharmacy, Palma de Mallorca, Spain, 4Polyclinica Miramar, Nephrology Dept, Palma de Mallorca, Spain, 5Ramón y Cajal Univ Hosp, Endocrinology Dept, Madrid, Spain.

SP351  PREVALENCE OF ANTI-ERYTHROPOIETIN ANTI BODY IN PREVALENT HEMODIALYSIS PATIENTS RECEIVING ERYTHROPOIETIN HORMONE
Emran I. Sarhan, Hussein S. Abi Alal, Shaimaa A. Zaki, Asmaa M. Mahmoud, Ain Shamms Univ, Nephrology, Cairo, Egypt.

SP352  ENDOGENOUS ERYTHROPOIETIN AND ITS RELATIONSHIP WITH IRON DEFICIENCY
Laura Sola1, Susana Gonzalez1, Juan C. Díaz1, Federico Yépez1,2, Maria N. Leyton1, Manuela Bello1, Kanina Parodi1, Ricardo Hermo2, Walter Allalron2,1 CASMU, Hemodialysis Unit, Montevideo, Uruguay, 2CASMU, Lab Dept, Montevideo, Uruguay.

SP353  FERRIC PYROPHOSPHATE CITRATE (TRIFERIC): EQUIVALENCE OF INTRAVENOUS AND DIALYSATE DELIVERY DURING HEMODIALYSIS
Raymond Pratt, Ajay Gupta, Rockwell Medical Inc, R&D, Wixom, MI.

SP354  PREDICTORS OF RENAL ANEMIA AND EPOETIN BIOSIMILAR THERAPY IN GERMAN HEMODIALYSIS PATIENTS
Adel Afifi, Walid A. Abdel Mohsen, Abeer H. Attallah, Cherry R. Kamel, Fac medicine, Nephrology, Cairo, Egypt.

SP355  THE TARGET HB CONTENT OF RETICULOCYTE (CHR) VALUE FOR EFFICIENT ANEMIA IMPROVEMENT IS LOW BY AVOIDING FERRITIN LEVEL AND MODERATE TRANSFERRIN SATURATION
Chie Ogawa1,2, Ken Tsuchiya3,2, Naohisa Tomosugu4,2, Fumiyoshi Kanda1, Kunimi Maeda1,2, 1Maeda Inst Renal Research, Internal Medicine, Kawasaki, Japan, 2Biomarker Society, Inc, Kawasaki, Japan, 3Tokyo Women’s Medical Univ, Blood Purification, Tokyo, Japan, 4Kanazawa Medical Univ, Div Systems Bioscience Drug Discovery Project Research Center, Ishikawa, Japan.

SP356  IMPACT OF AMILODIPINE ON IRON AND ERYTHROPOIETIN DOSES DURING ANEMIA TREATMENT OF HEMODIALYSIS PATIENTS
Natalia Stepanov1, Volodymyr Novakivsky2, Lyudmila Snisar3, Mykola Kolesnyk1, 1SI Inst Nephrology National Academy Medical Sciences, Nephrology and Dialysis, Kyiv, Ukraine, 2LLC Fresenius Medical care Ukraine Medical Centre Cherkasy city, Hemodialysis, Cherkasy, Ukraine.

SP357  THE COST-EFFECTIVENESS OF CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR ONCE MONTHLY VERSUS EPOETIN THRICE WEEKLY FOR ANEMIA MANAGEMENT IN CHRONIC HAEMODIALYSIS PATIENTS
Omar Maoujoud, Fac Medicine, Ibn Zohr Univ, Nephrology & Dialysis, Agadir, Morocco.

SP358  DOES FIBROBLAST GROWTH FACTOR FGFR3 PLAY A ROLE IN ANEMIA OF DIABETIC PATIENTS ON REGULAR HEMODIALYSIS?
Adel Alfi, Walid A. Abdel Mohsen, Abeer H. Attallah, Cherry R. Kamel, Fac medicine, Nephrology, Cairo, Egypt.

SP359  PARATHYROIDECTOMY (PTX) AND ANEMIC STATUS IN A COHORT OF ITALIAN DIALYSIS (D) PATIENTS
Sandro Mazzaferrro, on behalf of the Italian Study Group of Mineral Metabolism; Sapienza Univ, Dept. Cardiovascular, Respiratory and Geriatric Sciences, Rome, Italy.

SP360  WHITE CELL REGULATION OF HAEMATOPOIESIS IN ANAEMIC HAEMODIALYSIS PATIENTS. ROLE OF THE IL-6 AND KLOTHO.
Miguel Uriol1, Juan Robles2, Angel Garcia3, Soria Jimenez1, Sheila Cabello1, Antonio Corra3, Fatima Alvarezo1, Mario Luque3, 1Son Espases Univ Hosp, Pharmacy, Palma de Mallorca, Spain, 2Polyclinica Miramar, Nephrology Dept, Palma de Mallorca, Spain, 3Ramón y Cajal Univ Hosp, Endocrinology Dept, Madrid, Spain.

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Omar Maoujoud, Fac Medicine, Ibn Zohr Univ, Nephrology & Dialysis, Agadir, Morocco.

SP363  IMPACT OF AMILODIPINE ON IRON AND ERYTHROPOIETIN DOSES DURING ANEMIA TREATMENT OF HEMODIALYSIS PATIENTS
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SP364  THE COST-EFFECTIVENESS OF CONTINUOUS ERYTHROPOIETIN RECEPTOR ACTIVATOR ONCE MONTHLY VERSUS EPOETIN THRICE WEEKLY FOR ANEMIA MANAGEMENT IN CHRONIC HAEMODIALYSIS PATIENTS
Omar Maoujoud, Fac Medicine, Ibn Zohr Univ, Nephrology & Dialysis, Agadir, Morocco.
SP384 GERIATRIC NUTRITIONAL RISK INDEX: A SIMPLE NUTRITION SCREENING TOOL CORRELATES WITH UNIQUE HEALTH CONDITIONS IN NONDIALYSIS CKD PATIENTS
Ting-Yun Lin, Szu-Chun Hung, Taipei Tzu Chi Hosp, Nephrology, New Taipei City, Taiwan.

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SP386 OXIDATIVE STRESS IN CKD RELATED TO PARATHYROID HORMONE DYSREGULATION.
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Ana Conceiçao1,2,3,4, Luis Cristiano1, Janete Quehas Santos2,3, Flora Correia1,3,5, Manuel Pestana1,2,3,4, 1Centro Hosp São João, Servio Nefrology, Porto, Portugal, 23S Inst Investigação e Inovação Saúde, Nephrology and Infectious Diseases Research and Development Group, Porto, Portugal, 3INEB Inst Engenharia Biomédica, Nephrology and Infectious Diseases Research and Development Group, Porto, Portugal, 4Univ Porto, Fac Ciências Nutrição e Alimentação, Porto, Portugal.

SP389 POLYSULFONE FLAT SHEET MEMBRANES PREPARED WITH VITAMINE E AND LIPOIC ACID TO REDUCE OXIDATIVE STRESS IN DIALYSIS
Michaela Kohlová1,2, Célia Amorim2, Ana R.C. Duarte3, Alberto Araújo2-Pet, Solich1, Alice Santos-Silva4, Conceição Montenegro2, 1Fac Pharmacy Hradec Králové, Charles Univ, Dept Analytical Chemistry, Hradec Králové, Czech Republic, 2Fac Pharmacy, Univ Porto, REQUIMTE/LAQP, Dept Chemical Sciences, Porto, Portugal, 3SBE’s Research Group Biomaterials, Biodegradable and Biomimetics, Univ Minho, 3B’s Research Group, Guimarães, Portugal, 4Fac Pharmacy, Porto, REQUIMTE/UCBIO, Dept Biological Sciences, Porto, Portugal.

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SP391 NUTRITIONAL EVALUATION AMONG PATIENTS WITH CHRONIC KIDNEY DISEASE UNDER CONSERVATIVE TREATMENT IN A REFERENCE SERVICE IN NORTHEAST OF BRAZIL
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SP393 CHANGES IN FAT AND LEAN MASS AMONG STABLE HEMODYALYSIS PATIENTS
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Piero Ruggeroni1, Silvio Inzucchi2, Bernard Zinman3, Stefan Hante4, Audrey Koikla-Weber6, Maximilian von Eynatsch5, Christoph Werner1, 11st Ricerca Farmacologica Mario Negri, Clinical Research Center Rare Diseases Aldo e Cele David, 2nd Section, 32nd Section, Endocrinology, Yale Univ New Haven, CT, 4th Internal Medicine, 5th Internal Medicine, 6th Internal Medicine, Würzburg Univ Clinic, Würzburg, Germany.

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Charlotte Breib1, Clara Day2, Cormac Brenn3, Sandip Mitra4, James Grainger5, 1Nottingham Univ Hosp NHS Trust, Renal & Transplant unit, Nottingham, UK, 2Univ Hosp Birmingham NHS Foundation Trust, Renal unit, Birmingham, UK, 3Guy’s and St. Thomas’ NHS Foundation Trust, Kidney & Transplant unit, London, UK, 4Manchester Univ NHS Foundation Trust, Renal Medicine & Dialysis Unit, Manchester, UK, 5University of Sydney, Clinical Affairs, Alcester, UK.

SP475  
ROLE OF SUSTAINED LOW EFFICIENCY DIALYSIS (SLED) IN CRITICALLY ILL PATIENTS IN A TERTIARY REFERRAL HOSPITAL  
Alicia Molina Andújar, Jesús Zacarías Villarreal, Johanna Reinoso, Marc Xipell Font, Enrique Montagud Marrahí, Elena Goya, Hospital Sa Coma, Internal Medicine, Hospital Universitari Son Llàtzer, Hospital Universitari Son Llàtzer, Hospital Universitari Son Llàtzer, Hospital Universitari Son Llàtzer, Hospital Universitari Son Llàtzer.

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SP477  
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Emettly Wyong1,2, Veneta H Ong3,2, Deepa Remani1,2, Weng-Kin Wong1,2, Sabrina Wong-Peixin Haroon1,2, Titas Lau1,2, Huirong Nyeo4, Aranya Mukhopadhyay3,2, Bee-Hong Tan5, Homg-Chuey Chua1,2, Hospital Universiti Sains Malaysia, Dept Nephrology, University Hospital, University Hospital, Singapore, Singapore, 2National Univ Singapore, Dept Medicine, Yong Loo Lin School Medicine, Singapore, Singapore, 3National Univ Hosp, Div Respiratory and Critical Care Medicine, Univ Medici- ne Cluster, Singapore, 4National Univ Heart Centre, Dept Cardiology, Singapore, Singapore, 5National Univ Hosp, Dept Anaesthesiology, Singapore, Singapore.

SP478  
SUCCESSFUL TREATMENT OF FULMINANT MYOCARDITIS PRESENTING AS CARDIAC ARREST BY CONTINUOUS RENAL REPLACEMENT THERAPY(CRRT) COMBINED WITH VENO-ARTERIAL EXTRACORPOREAL MEMBRANE OXYGENATION (V-A ECMO): A CASE REPORT  
Wen Wen, First Affiliated Hosp Chongqing Medical Univ, Nephrology, Chongqing, China.

SP479  
MAGNETIC KINETICS IN DIALYSIS DURING AN OPTIMIZATION TO OPPORTIMIZE MAGNETIC KINESES IN DIALYSE  
Vahbyb Maheshwaran1, Peter Kotanko1,2, Stephan Thijssen1, Doris Fuertinger1, Jeroen P. Kooman1, Floris K. Hendk1,2, Frank M. van der Sande3, Ternal Research Instl, Research, New York, NY, 2Calmch School Medicine Mount Sinai, Dept Nephrology, New York, NY, 3Univ Maastricht, Fac Health, Medicine and Life Sciences, Maastricht, Netherlands.

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A MID-TERM REPORT OF HD TREATMENTS WITH THE NEW DIALYZERS WITH MEDIUM CUT-OFF MEMBRANE (MCO THERANOVA®)  
Vincenzo Cantaluppo1, Gabriele Donati2, Giuseppe Grandaliano3, Antonio Laquaniti4, Ugo Tegani5, 1Novara Univ Hosp, Nephrology and Renal Transplantation Unit, Novara, Italy, 2Univ Orsola Hosp, Hemodialysis and Renal Transplantation Unit, Bologna, Italy, 3Azienda Osp Univ Osp Riuniti Foggia, Nephrology and Dialysis Unit, Foggia, Italy, 4Papardo Hosp, Nephrology and Dialysis Unit, Messina, Italy, 5SASTI Rodengo, Nephrology and Dialysis Unit, Castel- gnatone, Italy.

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Maake K. Gelder1, var1, Gérard A. P. Kort2, Dényt H. Hazenbrink1, Koen R. D. Vaessen3, Jaap A. Joles1, Karin G.P., van den Bergh1, 1UMC Utrecht, Nephrology & Hypertension, Utrecht, Netherlands, 2UMC Utrecht, Radiology, Utrecht, Netherlands, 3Univ Utrecht, Central Lab Animal Research Facility, Utrecht, Netherlands.

SP482  
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Nikolaus A. Bazaev, DAO ZITC, Dept medical systems, Moscow, Zelenograd, Russian Federation.

SP483  
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Mohammad Farid1, Ali Asadinejad2, 1Iranian Consortium, Research & Developement, Tehran, Iran, 2Iranian Consortium, Research & Developement, Tehran, Iran.

SP484  
SUPPLEMENTATION OF FOLIC ACID IN CHRONIC HEMODIALYSIS PATIENTS: THERAPEUTIC ADEQUACY AND DIALYTIC REMOVAL.  
Sara Belcastro, Chiara Gonzi, Cristina Silvestri, Francescaramona Festuccia, Simona Barberi, Giorgio Punzo, Paolo Menb, Claudia Fior, Sant’Andrea Hosp, Nephrology, Rome, Italy.

SP485  
MIDDLE CUT OFF (MCO) DIALYZERS IN PATIENTS WITH MULTIPLE MYELOMA - REMOVAL OF LIGHT CHAINS WITH HDX-THERAPY  
Sebastian Koball, Silvius Frimmel, Michael Hinz, Steffen Mitzner, Univ Rostock, Internal Medicine Nephrology, Rostock, Germany.

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Shigeru Otsubo1, Kei Eguchi2, Michio Mineshima2, Ken Tsuchiya3, Kosaku Nittou4, Toshi Sangerjaya Clinic, Blood Purification, Tokyo, Japan, 2Tokyo Women’s Medical Univ, Clinical Engineering, Tokyo, Japan, 3Tokyo Women’s Medical Univ, Blood Purification, Kidney Center, Tokyo, Japan, 4Tokyo Women’s Medical Univ, Medicine, Kidney Center, Tokyo, Japan.
SP489
DEPENDENCY OF EQUIVALENT RENAL UREA CLEARANCE (EKR) VALUE ON TOTAL DIALYSIS TIME AND DIALYSIS FREQUENCY PER WEEK IN INTENSIVE DIALYSIS THERAPIES
Michio Mineshima, Tokyo Women's Medical Univ, Clinical Engineering, Tokyo, Japan.

SP490
MID-TERM EVALUATION OF THE NEW MEDIUM CUT-OFF FILTER (THERANOV A) ON REMOVAL EFFICIENCY AND QUALITY OF LIFE

SP491
ON-LINE MIXED HEMODIALFILTRATION - A 5-YEARS COHORT STUDY ON EFFICIENCY AND PATIENTS SURVIVAL IN A DIALYSIS CENTRE NETWORK IN ITALY (NEPHROCARE)
Luciano A. Pedrini, Italian NephroCare Study Group on HDF, NephroCare-ASST Bergamo-Est, Nephrology and Dialysis, Serenate, Italy.

SP492
EFFECTS OF DECREASING DIALYSIS FLUID FLOW RATE ON DIALYSIS EFFICACY AND INTERDIALYTIC WEIGHT GAIN IN CHRONIC PATIENTS WITH HEMODIALYSIS - FLUGAIN Study
Alejandra Molano Triviño1,2, Benjamin Wancjer Meid1, Gustavo Guzman3, Alberto Yunez Luqueta3, Johnny Beltrán4, GAIN IN CHRONIC PATIENTS WITH HEMODIALYSIS - FLUGAIN Study

SP493
EFFECTS OF DECREASING DIALYSIS FLUID FLOW RATE ON DIALYSIS EFFICACY AND INTERDIALYTIC WEIGHT GAIN IN CHRONIC PATIENTS WITH HEMODIALYSIS - FLUGAIN Study
Alejandra Molano Triviño1,2, Benjamin Wancjer Meid1, Gustavo Guzman3, Alberto Yunez Luqueta3, Johnny Beltrán4, GAIN IN CHRONIC PATIENTS WITH HEMODIALYSIS - FLUGAIN Study

SP494
THE KINETICS AND ROLE OF CARNITINE FRACTIONS IN PATIENTS UNDERGOING PERITONEAL DIALYSIS Sakuya Ito1, Yusuke Kaida1, Tomofumi Moriya1, Goh Kodama1, Yuka Kurokawa1, Kyoko Tashiro2, Takahiro Ioku-chi2, Kei Fukami1, 1Kurume Univ School Medicine, Div Nephrology, Kurume-shi, Japan, 2Kurume Univ School Medicine, Research Inst Medical Mass Spectrometry, Kurume-shi, Japan.

SP495
SHORTER TIME BETWEEN SYMPTOMS ONSET AND ANTIBIOTICS ADMINISTRATION IMPROVING OUTCOMES OF PERITONEAL DIALYSIS PERITONITIS Pei-Yu Wu1, Yi-Chun Tsai2, Wei-Lin Hsu3, Wei-Chen Chen3, Yi-Wen Chiu2, 1Kaohsiung Medical Univ Hosp, 2Kaohsiung Medical Univ, 3Kaohsiung Medical Univ Hosp, Kaohsiung, Taiwan.

SP496
THE KINETICS AND ROLE OF CARNITINE FRACTIONS IN PATIENTS UNDERGOING PERITONEAL DIALYSIS Sakuya Ito1, Yusuke Kaida1, Tomofumi Moriya1, Goh Kodama1, Yuka Kurokawa1, Kyoko Tashiro2, Takahiro Ioku-chi2, Kei Fukami1, 1Kurume Univ School Medicine, Div Nephrology, Kurume-shi, Japan, 2Kurume Univ School Medicine, Research Inst Medical Mass Spectrometry, Kurume-shi, Japan.

SP497
THE KINETICS AND ROLE OF CARNITINE FRACTIONS IN PATIENTS UNDERGOING PERITONEAL DIALYSIS Sakuya Ito1, Yusuke Kaida1, Tomofumi Moriya1, Goh Kodama1, Yuka Kurokawa1, Kyoko Tashiro2, Takahiro Ioku-chi2, Kei Fukami1, 1Kurume Univ School Medicine, Div Nephrology, Kurume-shi, Japan, 2Kurume Univ School Medicine, Research Inst Medical Mass Spectrometry, Kurume-shi, Japan.

SP498
COMPARISON OF QUALITY OF LIFE IN PATIENTS UNDERGOING HEMODIALYSIS AND PERITONEAL DIALYSIS. Menta Roji (Moli), Saimir Seferi, Erjola Likaj, Vlmita Cadi, Myftar Barbullushi, UHC Mother Tereza, Unit Nephrology Dialysis Transplantation, Tirana, Albania.

SP499
NEGATIVE CORRELATION BETWEEN URINE EXCRETION AND DIALYSATE REMOVAL OF SODIUM IN PERITONEAL DIALYSIS PATIENTS Allen Yan Lun Li1, Si Hui Tan2, Vida Efthebea Tropico Floredilza2, Lee Ying Yoeh1, 1Khoo Teck Puat Hosp, Medicine, Singapore, 2Khoo Teck Puat Hosp, Nursing, Singapore, Singapore.

SP500
EFFECT OF INTRAPERITONEAL PRESSURE ON ULTRAFILTRATION OF PERITONEAL EQUILIBRATION TEST 4HOUR/3.86% GLUCOSE. Vicente Perez-Diaz1,2, Maria Jose Fernandez-Reyes3, Alfonso Perez-Escudero4, Luisa Sanchez-Garcia5, Astrid Rodriguez-Gomez2, Carmen Felipe-Fernandez6, Sandra Sanz-Ballestero1,2, Esther Hernandez-Garcia7, Victoria Oveido-Gomez2, Alicia Sobrino-Perez1, 1Hosp Clinico Univ Valladolid, Nephrology, Valladolid, Spain, 2Univ Valladolid, Medica, Toxicologia y Dermatologia, Valladolid, Spain, 3Complejo Asistencial Segovia, Nefrologia, Segovia, Spain, 4Massachusetts Inst Technology, Physics, Cambridge, MA, 5Hosp Univ Rio Hortega, Nefrologia, Valladolid, Spain, 6Hosp Nuestra Señora de Sonsoles, Nefrologia, Avila, Spain, 7Hosp Rio Carrion, Nefrologia, Palencia, Spain.

SP501
LONGITUDINAL INCREASING OF SMALL-MOLECULE SOLUTE TRANSPORT RATE IS ASSOCIATED WITH MORTALITY AND TECHNIQUE FAILURE IN PERITONEAL DIALYSIS PATIENTS Tae-Lim1, Jingyuan Xie2, Xiaomin Huang2, Chunyan Zhang2, Li Yang2, Tian Xu2, Xiaolu Li2, Hong Ren2, Nan Chen2, 1Inst Nephrology, School Medicine, Shanghai Jiaotong Univ, Dept Nephrology, Shanghai, China, 2Ruijin Hosp, Shanghai, China, 3Massachusetts Inst Technology, Physics, Cambridge, MA.
SATURDAY, MAY 26

SP502 REMOTE MANAGEMENT FOR PERITONEAL DIALYSIS: PERSPECTIVES ON EFFECTS ON CARE Laïla Subramaniam1, Tony Cuttia2, Rosalind Kirk3, Rachel Perinman4,5, Keni Cavanaugh4, Isaak Teitelbaum7, Jeffrey Penfield, James Slied9, Bruce Robinson5, Ronald Piccioni9, “Arbor Research Collaborative for Health, Patient Centered Research, Ann Arbor, MI. 5Arbor Research Collaborative for Health, Research Policy & Practice, Ann Arbor, MI., 3Kirk Consultants, Qualitative Research, Edinburgh, UK. 4University of Michigan, Nephrology, Ann Arbor, MI, 5Arbor Research Collaborative for Health, DOPPS, Ann Arbor, MI, 6University of Medical Center, Nephrology, Nashville, TN, 7Univ Colorado, Medicine, Aurora, CO. 8Ill. Michael’s Hosp, Div nephrology Dept medicine, Toronto, ON, Canada, 9Baxter Healthcare Corporation, Renal Div, Deerfield, IL.

SP503 AUTOMATED PERITONEAL DIALYSIS IS ASSOCIATED WITH REDUCED INCIDENCE OF PERITONITIS WITHIN 3 YEARS AFTER STARTING PERITONEAL DIALYSIS. Malika Kolokub1, Kazuki Minamoto1, Fumitaka Fukata1, Masaru Matsui2, Miko Tagawa2, Kazumasa Hamano3, Kazuhiro Tsuruya2, 1Nara Prefecture General Medical Center, Dept Nephrology, Nara, Japan, 2Nara Prefecture General Medical Center, Dept Nephrology and Hypertension, 1st Dept Medicine, Nara, Japan, 3Nara Prefecture Seiwa Medical Center, Dept Nephrology, Nara, Japan.

SP504 PERITONEAL DIALYSIS AS FIRST CHOICE DIALYSIS MODALITY: EFFECTS OF A COMPREHENSIVE PREDIALYSIS PATIENT EDUCATIONAL PROGRAM Evangelos Papachristou1, Eudoxia Avramopoulou1, Ioannis Kehagias2, Theodoros Ntirinias1, 1Nara Prefecture General Medical Center, Dept Nephrology, Nara, Japan, 2Nara Medical Univ, Dept Medicine, Nara, Japan.

SP505 EXPLORING THE DIAGNOSTIC ACCURACY OF BP MONITORING TECHNIQUES IN PERITONEAL DIALYSIS PATIENTS Vasiliis Vaisos1, Paragios I. Georganos1, Maria Antoniou1, Eleftherios Papagianni2, Pantelis E. Zebekakis1, Vasiliis Liakopoulos1, 1AHEPA Univ Hosp, Section Nephrology and Hypertension, 1st Dept Medicine, Thessaloniki, Greece, 2University Hospital of Patras, Div nephrology, Patras, Georgia.

SP506 THE ASSOCIATION OF DYSLIPIDEMIA WITH INTRA-PERITONEAL INFLAMMATION & PERITONEAL DIALYSIS TECHNIQUE SURVIVAL Olga Burdeynya, Natalia Stepanova, Victoria Driyanova, SI Inst Nephrology National Academy Medical Sciences, Nephrology and Dialysis, Kyiv, Ukraine.


SP508 DEVELOPMENT, IMPLEMENTATION AND EFFECTIVENESS OF A PROTOTYPE INTRAVENOUS CARBOXYMALTOSE IRON IN PERITONEAL DIALYSIS PATIENTS Jose Portoios1, Jin Joo Cha1, Ho Jun Lee2, Young Sun Kang2, Jee Young Han3, Dae Ryong Cha2, 1Korea Univ Ansan Hosp, Internal Medicine, 2Korea Univ Guro Hosp, PD Unit, 3Korea Univ Ubung Hosp, Internal Medicine, Jeju, Korea.

SP509 THE RELATIONSHIP OF HYPOTHYROIDISM AND PERITONEAL PROTEIN EXCRETION IN PATIENTS RECEIVING PD. Zhoua1, Ji, Mengli2, Xinyu Li3, Yangyang Liu4, 1Zhongnan Hosp Wuhan, Div Nephrology, 2Xi’an Jiaotong University School of Medicine, 3Nanjing Zhongda Hospital, 4Zhejiang Univ School of Medicine, China.

SP510 SODIUM RESTRICTED DIET DURING CONSERVATIVE THERAPY IN PATIENTS WITH END-STAGE RENAL DISEASE (ESRD) MAY RESCUE RESIDUAL RENAL FUNCTION (RRF) FOR THE FIRST YEAR AFTER STARTING PERITONEAL DIALYSIS (PD). Tetsuaki Hiramat1, Masashi Mizumo2, Sumioi Nomori1, Fumiko Sakata2, Yasuhiro Suzuki2, Shoichi Manymasa3, Ito Yasuhiko4, Satoshi Gouchi1, ’Nagoya Univ Hosp, Dept Clinical Engineering, Nagoya, Japan. 2Nagoya Univ Hosp, Dept Renal Replacement Therapy, Nagoya, Japan. 3Nagoya Univ Hosp, Dept Renal Nephrology, Nagoya, Japan. 44th Medical Univ, Nephrology and Rheumatology, Nagakute, Japan.

SP511 IMPACT OF DIABETIC KIDNEY DISEASE ON CLINICAL OUTCOME IN PATIENTS ON CONTINUOUS AMBULATORY PERITONEAL DIALYSIS Shoou Hu1, Ming Peiz, Bo Yang2, Hongtao Yang2, Tianjin Univ Traditional Chinese Medicine, Chinese Traditional Internal Medicine, Tianjin, China, 2First Teaching Hosp Tianjin Univ Traditional Chinese Medicine, Div Nephrology, Tianjin, China.

SP512 ALDOSTERONE BREAKTHROUGH PHENOMENON IN PERITONEAL DIALYSIS PATIENTS Marios Papasotiriou1, Theodoros Ninias1, Georgia Georgopoulou1, Evangelos Papachristou1, Lamprini Baltai1, Vasiliki Georgopoulou1, Dimitrios Apostolopoulos2, Pantelitsa Kalliakmani1, Dimitrios S. Goumenos1, 1Univ Hosp Patras, Nephrology, Patras, Greece. 2Univ Hosp Patras, Nuclear Medicine, Patras, Greece.

SP513 LONGITUDINAL STUDY ON ASSOCIATION OF SOCIO-ECONOMIC STATUS WITH PROTEIN ENERGY WASTING, BODY COMPOSITION AND PERITONITIS IN PERITONEAL DIALYSIS PATIENTS Anita Saxena1, Suman L. Lakhota1, Amit Gupta1, Bimla Ran1, Jai Kishun1, 1Sanjay Gandhi Post Graduate Inst Medical Sciences, Nephrology, Lucknow, India, 2Rushing College, Surgery, Lucknow, India. 3Mai Shapo College Nursing, Obstetrics and Gynaec, Taran Tarn, Amritsar, India, 4Sanjay Gandhi Post Graduate Inst Medical Sciences, Biostatistics, Lucknow, India.

SP514 THE EFFECT OF PERITONEAL DIALYSIS MODALITY SELECTION AND NEW DIALYSIS SOLUTIONS ON PATIENTS SURVIVAL Marios Theodoris1, Stylianos Panagouso1, Konstantia Kantartz1, Despoina Chatzimidri1, Eleftherios Papagianni2, Pantelis E. Zebekakis1, Vasiliis Liakopoulos1, 1AHEPA Univ Hosp, Section Nephrology and Hypertension, 1st Dept Medicine, Thessaloniki, Greece, 2University Hospital of Patras, Div nephrology, Patras, Surgery, Patras, Greece.

SP515 TRENDS IN OUTCOMES FOR AN AUTOMATED PERITONEAL DIALYSIS PROGRAM WITH AND WITHOUT REMOTE MANAGEMENT IN COLOMBIA Mauricio Sanabria1, Alfonso Bunch2, Fabiola Aldana3, Suarez Adriana3, Jasmin Vesga3, Jorge Fernandez2, Angela Rivero4, 1RTS Colombia, Research Dept, Bogota, Colombia, 2RTS Colombia, Medical Dept, Colombia, 3RTS Colombia, Research Dept, Colombia, 4RTS Global, Medical Dept, Deerfield, IL.

SP516 STANDARD OF CARE IN PD UNITS IN SERBIA: QUESTIONNAIRE DATA. Nada Dimkovic1, Zdenka Marjanovic2, Jelena Aleksic3, Jasmina Radijevic4, Biljana Kecovici5, Jasmina Vukalic6, Branimir Amici7, Momir Prokopovic8, Mirjana Manaschi9, Branimir HavaZlic10, Biljana Seger11, Jasmina Bogdanovic12, Ana Muskovic13, Vanja Rangelov14, Dragana Stankovic Toskovic15, Svetlana Zikic16, Svaca Stanimirov17, 1Djevenza Univ Medical Center, Clinical Dept Nephrology, Belgrade, Serbia, 2Djevenza Univ Medical Center, Clinical Dept Renal Diseases, Belgrade, Serbia, 3Djevenza Univ Medical Center, Clinical Dept Renal Diseases, Belgrade, Serbia, 4Dialysis Center, PD Unit, Nis, Serbia, 5Dialysis Center,PD Unit, Kacak, Serbia, 6Dialysis Center,PD Unit, Cacak, Serbia, 7Dialysis Center, PD Unit, Krusevac, Serbia, 8Dialysis Center, PD Unit, Leskovac, Serbia, 9Dialysis Center, PD Unit, Pancevo, Serbia, 10Dialysis Center, PD Unit, Zajece, Serbia, 11Dialysis Center, PD Unit, Pozarevac, Serbia, 12Dialysis Center, PD Unit, Valjevo, Serbia, 13Dialysis Center,PD Unit, Sombor, Serbia, 14Dialysis Center,PD Unit, Uzice, Serbia, 15Dialysis Center, PD Unit, Sabac, Serbia, 16Dialysis Center,PD Unit, Zajece, Serbia, 17Dialysis Center,PD Unit, Vranje, Serbia.

SP517 RELATIONSHIP OF HYPOPTHYROIDISM AND PERITONEAL PROTEIN EXCRETION IN PATIENTS RECEIVING PERITONEAL DIALYSIS. Ji Young Kim, Miyeon Kim, Hye Mi Seo, Hyun Woo Kim, Jeju National Univ Hosp, Dept Internal Medicine, Jeju, Korea.

SP518 IS HYPOMAGNESEMIA A RISK FACTOR FOR ATHEROSCLEROSIS IN PERITONEAL DIALYSIS PATIENTS? Merita Rocio (Mota), Nereida Spaltia, Olta Qurku, Saimir Seferi, Myftar Barbulushi, UHC Mother Tereza, Univ Nephrology Dialysis Transplantation, Tirana, Albania.

SP519 CLINICAL FEATURES OF RECURRENT DRAINGAGE REQUIRING ASCITES IN PATIENTS WHO REMOVED PERITONEAL DIALYSIS CATHETER Jin Joo Cha1, Ho Jun Lee2, Young Sun Kang2, Jeey Young Han3, Dae Ryong Cha2, KReva Univ Ansan Hosp, Internal Medicine, Ansan City, Korea. 2Korea Univ Ansan Hosp, Nephrology, Ansan City, Korea, 3Shina Univ College Medicine, Pathology, Incheon, Korea.

SP520 PATIENTS WHO BENEFIT FROM A NOVEL CONNECTION DEVICE IN PERITONEAL DIALYSIS (PD) Stephanie Seger1, Sandra Neumann2, 1Kantonsspital Aarau, Nephrology, Aarau, Switzerland, 2Peripal Research and Development, Zürich, Switzerland.
SP522 EFFICIENCY OF THE DEVELOPMENT OF PERITONEAL DIALYSIS. COST SAVINGS AND NECESSARY RESOURCES
Rafael Alvarez Lipe, Ana Berri Wennekers, Pilar Martín Azara, Amalia Perona Caro, Patricia Vernet Perna, Hilda Villa-fuere Ledesma, Alba Martínez Buirilo, Jose Esteban Ruiz Laiglesia, Beatriz Bergasa Liberal, Univ Hosp Lozano Blesa, Nephrology, Zaragoza, Spain.

SP523 OUR EXPERIENCE IN MODIFIED LAPAROSCOPIC PERITONEAL CATHETER PLACEMENT WITH INTRAABDOMI-NAL FIXATION.
Regina Gershkovich, Nana Peleg, Yakov Slobodkin, Noa Berar-Yanay, Hillel Yaffe Medical Center, Nephrology, Hadera, Israel.

SP524 DEVELOPMENT OF A NOVEL CONNECTION DEVICE FOR PATIENTS ON PERITONEAL DIALYSIS (PD)
Stephan Segerer1, Sandra Neumann2, Stephan Hess3, 1Kantonsspital Aarau, Nephrology, Aarau, Switzerland, 2Peripal Medicine, Internal Medicine, Daegu, Korea, 2Keimyung Univ Kidney Inst, Internal Medicine, Daegu, Korea.

SP525 MICROBIOLOGICAL PROFILE OF PERITONITIS IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS Karthika R. Melemadathil, Arun V. Ashok, Sreealatha Melemadathil, Government Medical College, Kozhikode, Dept Nephrology, Kozhikode, India.

SP526 TREATMENT WITH PCSK9 INHIBITORS IN PERITONEAL DIALYSIS
Nuria Aresté-Fosalba, Irene Díaz-Díez, Kamila Klimek, Miguel Ángel Ramírez-López, Mercedes Salgueira-Lazo, Hosp Virgen Macarena, Nephrology, Seville, Spain.

SP527 BIOMARKERS IN PERITONEAL DIALYSIS - CAN CA125 PREDICT OUTCOMES?

SP528 CLINICAL MANIFESTATIONS RISK FACTORS AND PROGNOSIS OF ENCAPSULATED PERITONEAL SCLEROSIS
Yener Koc1, Tamer Basturk2, Tamer Sakas1, Feyza Bayrakdar Caglayan1, Nuri Baris Hasba1, Elbis Ahbap1, Mustafa Se-vinc1, Ayse Sinangil3, Zuhal Atan Ucar4, Perin Nazif1, Mahmut Islam1, Abdulkadir Unsal2, 1Sisli Hamidiye Etfal Training Vener Koc1, Taner Basturk2, Tamer Sakas1, Feyza Bayrakdar Caglayan1, Nuri Baris Hasba, Elbis Ahbap1, Mustafa Sevin1, Ayse Sinangil3, Zuhal Atan Ucar4, Perin Nazif1, Mahmut Islam1, Abdulkadir Unsal. 1Sisli Hamidiye Etfal Training and Research Hosp, Nephrology, Istanbul, Turkey, 25Aglik Bilmeli Univ, Internal Medicine/Nephrology, Istanbul, Turkey, 3Istanbul Bilim Univ, Internal Medicine/Nephrology, Istanbul, Turkey, 4Omer Halisdemir Univ, Nephrology, Nigde, Turkey.

SP529 PERITONEAL ULTRAFILTRATION WITH A STABLE GLUCOSE CONCENTRATION USING THE CARRY LIFE® UF SYSTEM

SP530 COMPARISON OF CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD) VERSUS AUTOMATED PERITO-NEAL DIALYSIS (APD) CONSIDERING TREATMENT ADEQUACY, ANEMIA, INFLAMMATION AND MINERAL BONE DISEASE
Masa Knehtl1, Eva Jakopin2, Martin Hren3, Nina Hojs1, Sebastian Bevc1, Robert Ekar4, Radovan Hojs1, 1Univ Medical Centre, Dept Nephrology, Clinic Internal Medicine, Fac Medicine, Univ Maribor, Maribor, Slovenia, 2Univ Medical Centre, Dept Nephrology, Clinic Internal Medicine, Maribor, Slovenia, 3Univ Medical Centre, Dept Dialysis, Clinic Internal Medicine, Maribor, Slovenia, 4Univ Medical Centre, Dept Dialysis, Clinic Internal Medicine, Fac Medicine, Univ Maribor, Maribor, Slovenia.

SP531 CLINICAL CHARACTERISTICS OF PATIENTS WHO MAINTAINED LONG TERM PERITONEAL DIALYSIS
Ha Yeon Park1, Woo Yeong Park1,2, Kyubok Jin1,2, Sung Bae Park1,2, Seungyeup Ham1,2, 1Keimyung Univ School Medicine, Internal Medicine, Daegu, Korea, 2Keimyung Univ Kidney Inst, Internal Medicine, Daegu, Korea.
DIALYSIS. CARDIOVASCULAR COMPLICATIONS 2

SP535 CORONARY ANGIOGRAPHY PROFILE AT INITIATION OF HEMODIALYSIS AMONG INDIAN PATIENTS WITH END STAGE RENAL DISEASE
Kiran Kumar1, Surendra Babu2, Sree Bhushan Raju2, 1Vinchini Hosp, Nephrology, Hyderabad, India, 2NIMS, Nephrology, Hyderabad, India.

SP536 CORONARY ARTERIAL CALCIFICATION, ABDOMINAL AORTIC CALCIFICATION, AND PULSE WAVE VELOCITY IN DIALYSIS PATIENTS.
Karin Levy-Schouboe1, Ditte Hansen2, Marie Frimodt-Moeller3, Hanne Elming4, Carsten Toftager Larsen4, Peter Marcmand1, 1Univ Hosp Zealand, Dept Medicine, Roskilde, Denmark, 2Herlev Hosp, Dept Nephrology, Herlev, Copenhagen, Denmark, 3Steno Diabetes Center Copenhagen, Gentofte, Copenhagen, Denmark, 4Univ Hosp Zealand, Dept Cardiology, Roskilde-Koege, Denmark.

SP537 HYPERURICEMIA AND LEFT VENTRICULAR HYPERTROPHY: ANOTHER RELATIONSHIP IN HEMODIALYSIS PATIENTS

SP538 ASSOCIATION BETWEEN TRIMETHYLAMINE OXIDE AND CARDIOVASCULAR EVENTS IN HEMODIALYSIS PATIENTS
Ming Wang, Xiao Yang, Chao Gao, Xiao Fei, Hangzhou First People’s Hosp, Nephrology, Hangzhou, China.

SP539 GASTRIC INHIBITORY POLYPEPTIDE (GIP) AS A NOVEL INDICATOR OF EARLY MORPHOLOGICAL CHANGES IN RADIAL ARTERIES OF CKD STAGE 5 PATIENTS
Katarzyna Kranzowska1, Marcin Gajda2, Paulina Dumnicka3, Barbara Skudrzyk4, Krzysztof Batko1, Jan A. Litwin2, Wladyslaw Sulowicz1, 1Jagellonian Univ Medical College, Dept Nephrology, Krakow, Poland, 2Jagellonian Univ Medical College, Dept Histology, Krakow, Poland, 3Jagellonian Univ Medical College, Dept Medical Diagnostics, Krakow, Poland, 4Washington Univ School Medicine, Div Nephrology and Kidney Center, Kobe, Japan.

SP540 THE FGF23 - KLOTHO AXIS AND VASCULAR CALCIFICATION IN DIALYSIS PATIENTS
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SP541 THE TREATMENT AND CONTROL OF HYPERTENSION IN HEMODIALYSIS PATIENTS WITH HEART FAILURE - PRELIMINARY RESULTS
Piotr Skonieczny1, Zbigniew Hetkau2, Klaudia Piechowska2, Marek Karowiec2, Monika Michalczuk2, Marta Ksiazek2, Bartosz Pastorka, Przemyslaw Rudkowski3, Leszek Tylicki2, Alicja Delpaka-Slucin1, 1Medical Univ Gdansk, Dept Nephrology, Transplantology and Internal Medicine, Dept Physiology, Gdansk, Poland, 2Medical Univ Gdansk, Dept Internal Medicine, Gdansk, Poland.

SP542 LOWER SERUM MAGNESIUM (SMG) IS A STRONG PREDICTOR OF LEFT VENTRICULAR HYPERTROPHY (LVH) AND PATTERNS OF LV REMODELING IN PATIENTS WITH STAGE 5 CHRONIC KIDNEY DISEASE (CKD)
Eleftheria-Kleio Demitriazaki1, Ioannis E. Giamalis1, Kalliopi L. Raptopoulou1, Despina Hatzihiotis4, Dimitris Makridis1, Ourania Tsotras1, Olga Bala4, Evangelia Dounousi1, 1Hippokration Hosp, Nephrology, Thessaloniki, Greece, 2Hippokration Hosp, Radiology, Thessaloniki, Greece.

SP543 THE RELATIONSHIP BETWEEN NON-TRANSFERRIN BOUND IRON (NTBI) AND IRON UTILIZATION FOR ERYTHROPOIESIS IN MAINTENANCE HEMODIALYSIS PATIENTS.
Takahiro Kuragano, Arthoshi Kida, Mana Yahiro, Masayoshi Nanami, Yukiko Hasuoke, Takeshi Nakashima, Hyogo College Medicine, Dept Internal Medicine Division Kidney and Dialysis, Nishinomiya, Japan.

SP544 FAR INFRARED THERAPY IMPROVES ANKLE BRACHIAL INDEX IN HEMODIALYSIS PATIENTS WITH PERIPHERAL ARTERY DISEASE
Chin-Ching Lin, Taipei Veterans General Hosp, Div Nephrology, Dept Medicine, Taipei, Taiwan.

SP545 THE EFFECTS OF DURATION OF HEMODIALYSIS ON THE PARAMETERS OF CENTRAL & PERIPHERAL HEMODYNAMICS IN PATIENTS WITH END STAGE RENAL DISEASE
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SP546 PREDICTORS OF INTRADIALYTIC HYPERTENSION IN CHRONIC END STAGE RENAL DIALYSIS PATIENTS IN A TERTIARY HOSPITAL IN DAVAO CITY
Kirbe A. Labarcon, Maria Theresa L. Bad-Ang, Southern Philippines Medical Center, Internal Medicine, Davao City, Philippines.

SP547 44 HOURS AMBULATORY BLOOD PRESSURE MONITORING CHARACTERISTICS AND CORRELATION WITH HEMODIALYSIS BLOOD PRESSURES MEASURES
K Furaz1, E Grussz2, G Bariti3, E Perez4, 1De La Flor1, 2Nbensaide1, 3Rmartin1, 4FRIAT, Nephrology, Móstoles, Madrid, Spain, 2Hospital Alcorcón, Nephrology, Alcorcón, Madrid, Spain, 3Hospital La Princesa, Nephrology, Madrid, Spain, 4Hospital Alcorcón, Statistics, Alcorcón, Madrid, Spain.

SP548 COMPARISON OF THE EFFECTS OF LANTHANUM CARBONATE AND CALCIUM CARBONATE ON THE PROGRESSION OF VALVULAR CALCIFICATION AFTER INITIATION OF MAINTENANCE HEMODIALYSIS
Kentaro Watanabe, Hideki Fuji, Shuhei Watanabe, Kinshiko Goto, Koji Kono, Shunsuke Goto, Shinya Nishi, Kobe Univ Graduate School Medicine, Div Nephrology and Kidney Center, Kobe, Japan.

SP549 WEEKLY VARIABILITY OF BLOOD PRESSURE IN HEMODIALYSIS PATIENTS IN MULTICENTER OF VARIOUS DI STRICTS IN JAPAN.
Munekazu Ryuizaki1, Hidekono Nakamoto2, Emi Kobayashi1, Koji Hosoya1, Motoaki Komatsu1, Yuki Hibino1, Seichi Yasuda1, Saiseikai Dialysis Collaborate Research Association, 1Tokyo Saiseikai Central Hosp, Nephrology, Tokyo, Japan, 2Saitama Medical Univ, General Medicine, Saitama, Japan.

SP550 EFFECT OF COMET SCORE ON SURVIVAL AMONG CHRONIC HEMODIALYSIS PATIENTS IN OKINAWA, JAPAN
Monkuri Nishihira1,2, Shogo Taro1, Shion Tamayose1, Takayuki Adachi1, Shigetomo Terukura1, Tatsuki Kikumura1, Kyuotsu Nagayama1, Masato Oroku1, Kunihito Shimoji1, Kyuotsu Tokuyama1, Yoshiki Shimizu1, Kunioish Isekki1, 1Tomishiro Central Hosp, Dept Nephrology, Tomigusuku-City Okinawa, Japan, 2Masuko Memorial Hosp, Dept Nephrology, Nagoya-City Aichi, Japan, 3Tokuyama Clinic, Dept Nephrology, Urasoe-City Okinawa, Japan.

SP551 RELATIONSHIP BETWEEN PULMONARY HYPERTENSION AND PERIPHERAL VASCULAR CALCIFICATION SCORE IN PLAIN XRAY OF HEMODIALYSIS PATIENTS
Nooshin Dalili, Chronic Kidney Disease Research Center (CKDRC), Dept Nephrology, Labbafinejad Hosp, Shahid Beheshti Univ Medical Sciences, Nephrology, Tehran, Iran.

SP552 RISKS AND BENEFITS OF ORAL ANTICOAGULATION THERAPY IN HEMODIALYSIS PATIENTS.
Giuseppe Blerato, Alice Guerini, Massimo Torreggiani, Marco Colucci, Grazia Bonelli, Davide Caltuciu, Vittoria Esposito, Alice Mariotto, Ciro Esposito, ICS Magueri s.p.a., Unit Nephrology and Dialysis, Pavia, Italy.

SP553 A MATHEMATICAL MODEL TO ANTICIPATE THE BNP LEVEL IN HEMODIALYSIS PATIENTS
Maxime Touruz1, Pascal Sens1, Catherine Maheas1, Anne-Lyne Langlois1, Kamal Moubarak1, Sophie Laplanche1, Christophe Ridel1, Marc Lavielle3, TARA, servis Dialysse et Apheresè Thérapeutique, Paris, France, 2Hôp Saint-Joseph, Lab Biologie Médicale, Paris, France, 3Coele Polytechnique, INRIA, Saday, France.

SP554 HYPERURICEMIA AND CARDIOVASCULAR MORTALITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE WHO CONTINUE WITH HEMODIALYSIS.
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Andrey Vatalin1, Natalie Fomin1, Vadim Stepovans1, Daria Terpuy1, Ewgeni Stragul1, Zurab Kardanashivili, Aleksei Zulkarnaev, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, Russian Federation.

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Emanuela Cata1, Valentina Demel1, Valeria Colombino1, Bianca Covella1, Andrea Sofonie1, Baz Mohammed1, Francesco Cinquantini2, Helene Loubiere3, Jean M. Audubrand4, Giorgia B. Piccoli1, 1Centre Hosp Le Mans, Néphrologie, Le Mans, France, 2Centre Hosp Le Mans, Imagerie Médicale, Le Mans, France, 3Centre Hosp Le Mans, Chirurgie Vasculaire, Le Mans, France, 4Centre Hosp Le Mans, Rehabilitation Medicin, Le Mans, France.

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THE EFFECT OF HEMODIALYSIS ADEQUACY ON VENTRICULAR REPOLARIZATION IN END-STAGE KIDNEY DISEASE PATIENTS
Bahram Hashemi1, Engin Onar1, Saima Piyadasa2, Biulet Kaya2, Fatma Uluku Adam2, Serkan Besli1, Suleyman Kalayci1, Furuzan Kokturk3, 1Bulent Ecevit Univ, Cardiology, Zonguldak, Turkey, 2Cukurova Univ, Nephrology, Adana, Turkey, 3Bulent Ecevit Univ, Biostathistics, Zonguldak, Turkey.

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Anna Bulatovic1, Petar Djuric1, Jelena Tosic1, Aleksandar Jankovic1, Jovan Popovic1, Svetlana Jelic2, Katarina Ili3, Teodora Belic Zivkovic2, Nada Dimkovic1, 1Vesuvia Univ Medical Center, Nephrology and Dialysis, Belgrade, Serbia, 2School Medicine, Belgrade Univ, Endocrinology, Belgrade, Serbia, 3Zvezdara Univ Med Center, Lab Diagnostics, Belgrade, Serbia.

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Nicola Gidt1, Daniele Ricci2, Angela Maria Marin1, Annalisa Gonnella1, Olga Ferrare1, Olga Randon1, Anna Grill1, Elisabetta Bassi1, Elisa Feyles2, Stefano Maffe2, 1Nephrology Unit, Medicine, Asti, Italy, 2Anatomy Unit, Medicine, Asti, Italy.

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Hong joo Lee, Seoul Red Cross Hosp, nephrology, Seoul, Korea.
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Luciano De Paola1, Marco Vatramo2, Giordano Placida3, Pietro Gangemi4, Giuseppina D’Onofrio1, Cinzia Donato1, Ra- mona Nicotera1, Giuseppe Cippolino1, Angela Rosa Pinozzi1, 1A.O Pugliese-Ciaccio, Nephrology, Catanzaro, Italy, 2A.O Pugliese-Ciaccio, Cardiology, Catanzaro, Italy, 3Univ Camerino (UNICAM), Pharmacy, Camerino (MC), Italy, 4A.O Pugliese-Ciaccio, Lab medicine and pathobiology, Catanzaro, Italy.

SP577 VASCULAR STRUCTURE AND FUNCTION ABNORMALITIES IN CKD, HAEMODIALYSIS AND KIDNEY TRAN- SPLANT PATIENTS AND IMPACT OF TRADITIONAL AND NON-TRADITIONAL RISK FACTORS
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SP578 HIGHER MEAN AMBULATORY BLOOD PRESSURE CORRELATES WITH MORTALITY IN HEMODIALYSIS PATIENTS
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SP579 PROGNOSTIC VALUE OF CYCLOPHILIN A WITH VASCULAR EVENTS IN DIALYSIS PATIENTS
Shiyoung Park, Yang Wook Kim, Bong Soo Park, Yoo Jin Lee, Haeundae Paik Hosp, Internal medicine, Busan, Korea.

SP580 KLOTHO AND VGEF DID NOT PREDICT PRIMARY ARTERIOVENOUS FISTULA PATENCY BUT VENOUS DISTENSIBILITY
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SP581 GRACZ FISTULA BY THE NEPHROLOGIST HAS GOOD OUTCOME
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SP582 ARTERIOVENOUS THROMBOSIS AND MEAN PLATELET VOLUME ASSOCIATION IN ROUTINE HEMODIALYSIS PATIENTS
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SP583 PLACEMENT OF TRANSLUMBAR LONG-TERM HEMODIALYSIS CATHETER - A SINGLE CENTER EXPERIENCE
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SP584 CARDIAC OUTPUT AND ACCESS FLOW MEASUREMENTS AS USEFUL TOOLS FOR MANAGEMENT OF CHRONIC HEMODIALYSIS PATIENTS
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SP585 SALVAGE OF TUNNELED CUFFED DIALYSIS CATHETERS IN CATHETER ASSOCIATED BACTEREMIA: A NATIONAL SURVEY

SP586 ECHOCOSONOGRAPHIC PARAMETERS AND SUCCESSFUL CREATION OF VASCULAR ACCESS FOR HEMODIALYSIS
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SP588 PATHOHOISTIOLOGIC CHANGES IN ARTERIOVENOUS FISTULA IN PATIENTS WITH CHRONIC KIDNEY DISEASE
Vladimir Pusheshtii, Dejanor Petar, Irena Rambabova-Bushjetikj, Ninoslav Ivanovski, Univ Clinic nephrology, Dept creation vascular access, Skopje, F.Y.R. of Macedonia.

SP589 EFFECT OF SILVER MEDICATIONS ON BUTTONHOLE INCANNULATION SITES AND PERITONEAL DIALYSIS EXIT SITES
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SP590 VASCULAR ACCESS IN PATIENTS AFTER KIDNEY TRANSPLANTATION
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SP591 VASCULAR ACCESS FLOW IN PATIENTS AFTER KIDNEY TRANSPLANTATION
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Satoshi Masuyama1, Aki Wadiya1, Atsuyuki Tozyuma1, Sachio Kajiyama1, Jum Namakura1, Ryota Haga1, Katsuyuki Nagatoya1, Takashi Namakura2, Atsushi Yamauchi1, Taoka Rosai Hosp, Nephrology, Sakai, Japan, 2Taoka Rosai Hosp, Vascular Surgery, Sakai, Japan.

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Fabiana D. Camero, Hosp Israelita Albert Einstein, Centro Diálise, São Paulo, Brazil.

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Mohamed Amine Rahil, Bachir Ben Nacer Hosp, Interventional Nephrology and Dialysis Unit, Biskra, Algeria.

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Kyotshi Ikeda, Ikeda Vascular Access Hemodialysis and Internal Medicine Clinic, Fukuoka-ken, Japan.

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SP642 ASSOCIATION OF OVERHYDRATION AND MUSCLE WASTING MEASURED BY BIOELECTRICAL IMPEDANCE ANALYSIS AND MORTALITY IN MAINTAINED HD PATIENTS
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SP643 CANONICAL CORRELATION BETWEEN MEDICAL PSYCHOSOCIAL FACTORS AND QUALITY OF LIFE IN MAINTAINED HD PATIENTS
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SP644 EFFECT OF CHRONIC INADEQUATE HEMODIALYSIS ON PATIENT SURVIVAL
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SP645 A RETROSPECTIVE ANALYSIS OF ETIOLOGY AND OUTCOMES OF REFRACTORY CAPDPERITONITIS IN A TERTIARY CARE CENTER FROM NORTH INDIA.
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S7079 ELEVATED URINARY EXTRACELLULAR VESICLE EXCRETION IN PATIENTS WITH DELAYED GRAFT FUNCTION AFTER DECEASED KIDNEY TRANSPLANTATION
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S7102 RISK PREDICTION MODEL FOR DELAYED GRAFT FUNCTION IN A COHORT OF BRAZILIAN KIDNEY TRANSPLANTATION FROM DECEASED DONORS: WHAT YOU SEE IS NOT WHAT YOU GET!
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Michał Gniekiewicz1, Magdalena Czerwińska1, Jolanta Gozdowska1, Anna Sadowska1, Dorota M. Czerwińska1, Jolanta Gozdowska1, Anna Sadowska1, Dorota M. Czerwińska1, 1Medical Univ Gdańsk, Dept Internal Medicine, Gdańsk, Poland, 2Medical Univ Gdańsk, Dept Transplantation Medicine, Gdańsk, Poland, 3Royal Free Hosp, Nephrology and Dialysis Unit, London, 4Royal Free Hosp, Transplantology and Internal Disease, London, 5Royal Free Hosp, Transplantology and Internal Disease, London.

S715 POST-TRANSPLANT DIABETES MELLITUS IN FIRST 2 YEARS AFTER KIDNEY TRANSPLANTATION - PREVALENCE, METABOLIC CONTROL, IMPACT ON RECIPIENT AND GRAFT SURVIVAL
Natalie Otto, Thomas Schachtner, Petra Reineke, Charite Universitätsmedizin Berlin, Nephrology, Berlin, Germany.
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P BACTERIAL URINARY TRACT INFECTION AND ANTIBIOTIC SUSCEPTIBILITY PATTERN IN RENAL TRANSPLANT RECIPIENTS
Boshra Hasanzamani, Maryam Miri Ghale Novi, Mahin Ghorban Sabbagh, Kidney Transplantation Complications Research Center, Mashhad Univ Medical Sciences, Mashhad, Iran, Internal medicine Ghaem Hosp, Mashhad, Iran.

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Moataz M. Fathy, Medical College Cairo Univ, Nephrology and Internal Medicine, Cairo, Egypt.

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Silviu Rajochnicova Bloudikova, Karolina Machalikova, Ondrej Viklicky, Inst Clinical and Experimental Medicine, Dept Nephrology Transplant Center, Prague, Czech Republic.

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Ewa Wazna, Joanna Pazik, Agnieszka Perkowski-Plasianska, Magdalena Durlik, Transplantation Inst, Dept Transplantation Medicine, Nephrology and Internal Medicine, Warsaw, Poland.

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Armando Coca, Ana Lucia Valencia, Cristina Ferrer, Pablo Gonzalez, Miriam Martinez, Maria Jesus Rollan, Alicia Mendiola, Hosp Clínico Univ, Nephrology, Valladolid, Spain.

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Ana Medrano1, Nuno Moreira Fonseca1, Ana Marta Nobre2, Ana Penha2, Paulino Pereira2, Americo Martinez2, Eduardo Barroso2, Ana Carina Ferreira1, Patricia Cotovio1, Fernando Caeiro1, Cecilia Silva1, Inês Aires1, Francisco Remédio1, Anaibal Ferreras1, Fernando Nolasco1, 1Hosp Curry Cabral - CHLC, Nephrology, Lisbon, Portugal, 2Hosp Curry Cabral - CHLC, Surgery, Lisbon, Portugal.

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INCIDENCE OF CONTRAST INDUCED NEPHROPATHY IN KIDNEY TRANSPLANT PATIENTS.
Sara Afonso Ramos1, Carlos Jiménez Martín1, Maria Ovidia López Oliva1, Maria Elena Gonzalez Garcia1, Maria José Santana Valero1, Antonio Santiago Hernandez2, Rafael Selgas Guilez1, 1La Paz Univ Hosp, Nephrology, Madrid, Spain, 2A La Paz Univ Hosp, Radiology, Madrid, Spain.

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RELATIONSHIP OF SERUM BICARBONATE LEVELS WITH 1-YEAR GRAFT FUNCTION IN KIDNEY TRANSPLANT RECIPIENTS
Anna Wiegang1, Nicole Graff2, Marco Bonani1, Diana Frey3, Rudolf P. Wüthrich1, Niüfar Moheddi1, 1Univ Hosp Zürich, Div Nephrology, Zurich, Switzerland, 2Graf Biosstatistika, Winterthur, Switzerland, 3Univ Hosp Zürich, Div Rheumatology, Zurich, Switzerland.

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Jessica Ugarte华夏, Francisco Corell Velesa2, Juan Carlos López Debogado2, Juan Carlos Hernández Díaz3, Nuria Esforzado3, 1Clinic Hosp Barcelona, Nefrología, Barcelona, Spain, 2Belvitge Hosp Barcelona, Intensive Unit Care, Barcelona, Spain, 3Regional General Hosp No1 José Maria Morelos Y Pavor, Nefrología, Chihuahua, Mexico.

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Kumar Jayant, Imperial College London, Surgery, London, UK.

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Flavio Vincenti1, Sindhu Chandran1, David M. Wrojeczewska1, Chung Y. Leung1, Erica C. Tavera1, Zhili Tang3, Jun Shi1, 1Univ California, San Francisco, Kidney Transplant, San Francisco, CA, 2Massachusetts General Hospital, Nephrology, Boston, MA, 3Univ California, San Francisco, Transplant Surgery, San Francisco, CA.

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Christof Aigner1,2, Georg Böhmig1, Farsad Eskandary1, Martina Gaggl1, Renate Kain2, Raute Sunder-Plassmann3, Zoltan Prohaska4, Alice Schmidt1, Gere Sunder-Plassmann1, 1Medical Univ Vienna, Div Nephrology and Dialysis, Vienna, Austria, 2Medichal Univ Vienna, Clinical Inst Pathology, Vienna, Austria, 3Medical Univ Vienna, Dept Lab Medicine, Vienna, Austria, 4Stemmelweiss Univ, Research Lab, Illid Dept Internal Medicine, Budapest, Hungary.

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Alexey Zulkarnaev, Andrey Vatazan, Alexandr Kildushchewsky, Veronika Fedukina, Alexandr Faenko, Moscow Regional Research and Clinical Inst, Surgical Dept transplantation and dialysis, Moscow, Russian Federation.

SP732
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Ming Sun1, Sebastian Dollf2, Andreas Kribben1, Anja Gaeckeler1, Hans Rohr2, Johannes Kort1, Alexandra Brinkhoff1, Monika Lindemann3, Oliver Witzke2, Benjamin Wildle1, 1Univ Hosp Essen, Univ Duisburg-Essen, Dept Nephrology, Essen, Germany, 2Univ Hosp Essen, Univ Duisburg-Essen, Dept Nephrology, Essen, Germany, 3Univ Hosp Essen, Univ Duisburg-Essen, Inst Transfusion Medicine, Essen, Germany.

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Sourabh Sharma, Debabrata Mukherjee, Army Hosp Research and Referral, Nephrology and Transplantation, Delhi, India.

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Hamane H. Jegersen1, Ivar Eid2, Trond Jensen3, Anders Asberg3, Jens Boilevad4, Kristin Godang4, Anders Hertug4, Jessica Ugalde Altamirano1, Vicente Francisco Corell, Vaclav Czarniak1, 1Univ California, San Francisco, Kidney Transplant, San Francisco, CA, 2Medical Univ Vienna, Clinical Inst Pathology, Vienna, Austria, 3Medical Univ Vienna, Dept Lab Medicine, Vienna, Austria, 4Stemmelweiss Univ, Research Lab, Munich, Munich.

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Janka Elégvölgyi1, Eva Honsova2, Tomas Rohal1, Iva Kratochvilova3, Petra Hrubà1, Ondrej Viklicky1, 1IKEM, Transplant Lab, Prague, Czech Republic, 2A La Paz Univ Hosp, Nephrology, Madrid, Spain, 3Regional General Hosp No1 José Maria Morelos Y Pavor, Nefrología, Chihuahua, Mexico.

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Posters
REJECTION THE ACCURACY OF 99mTc-DTPA SCINTIGRAPHY IN THE EVALUATION OF ACUTE TUBULAR NECROSIS AND

Sin Man Li, Wing Shan Lai, United Christian Hosp, Pharmacy Dept, Kowloon, Hong Kong.

PERIOD

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COMBINATION OF CALCINEURIN INHIBITORS AND mTOR INHIBITORS FOLLOWING KIDNEY TRANSPLANTATION IN COMPARISON WITH MYCOPHENOLATE: EXPERIENCE FROM A REAL-LIFE SETTING
David Cuclieri, Ignacio Revuelta, M. Jose Ricart, Frederic Cofan, Vicens Torregrosa, Pedro Ventura-Aguilar, Erika De Sousa, Frederic Oppenheimer, Fritz Diekmann, Hosp Clinic, Renal Transplant Unit, Barcelona, Spain.

HIGH PREVALENCE OF SUPPRESSED ANDRENAL CORTICAL FUNCTION IN KIDNEY TRANSPLANTED PATIENTS DURING LOW-DOSE PREDNISONE THErapy
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DUAL INDUCTION WITH ANTI-THYMOCYTE GLOBULIN(ATG) AND RITUXIMAB(RTX) IN SENSITIZED KIDNEY TRANSPLANTATION(PATIENTS)
Jin M. Kong1, Joon H. Jeong2, Chul S. Yoon1, Eun J. Whang1, Sung H. Son3, Hyuk Y. Kwon3, 1Hanseo Hospital, Nephrology, Busan, Korea, 2Hanseo Hosp, Surgery, Busan, Korea, 3Hanseo Hosp, Nephrology, Busan, Korea.

NATIVE NEPHRECTOMY RELATIVE TO KIDNEY TRANSPLANTATION IN PATIENTS WITH END STAGE POLYCYSTIC KIDNEY DISEASE
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EFFICACY OF EVEROLIMUS CONVERSION FROM MYCOPHENOLATE MOFETIL FOR GANCICLOVIR-RESISTANT CYTOMEGALOVIRUS INFECTION IN RENAL TRANSPLANT RECIPIENTS
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OUTCOMES OF ABO INCOMPATIBLE KIDNEY TRANSPLANTATION IN DEVELOPING COUNTRY
Himanshu V. Patete1, Vivek B. Kate1, Pankaj Shah1, Diyesh Engineer1, Sushil Chauhan1, Nilav Shah1, Mayank Shah1, Harendra Singh1, Aruna Vanikar2, Hargovind Trivedi1, 1IKDRC-Its Ahmedabad, Nephrology, Ahmedabad, India, 2IKDRC-ITS, Pathology, Ahmedabad, India

RECURRENT AND DE NOVO IDIOPATIC FSGS AFTER RENAL TRANSPLANTATION TREATED WITH RITUXIMAB
Katarzyna Nowarska1, Miroslaw Banaski1, Hanna Augustyniak-Bartosik1, Piotr Donizy2, Katarzyna Koscielska-Kaspzak3, Dorota Kamisinska1, Magdalena Krajewska1, Okawia Mazanowska1, Katarzyna Madziarska1, Agnieszka Sas1, Pawel Chudzinski, Agnieszka Halin2, Agnieszka Halin2, Maria Boryta-Kur1, Marian Klipper1, 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 Vascular, General and Transplant Surgery, Wrocław, Poland.

THE ROLE OF CYP3A45 GENOTYPE AND TACROLIMUS MONITORING IN STABLE KIDNEY TRANSPLANTATIONS.
Massimo Baraldo1, Gian Luigi Adamo2, Elia Righi2, Patrizia Tulissi2, Ciotilde Vallone2, Umberto Baccarani2, Giuseppe Damante1, Andrea Risaliti2, Domenico Montaroni2, 1Academic Univ Hosp, Dept Medicine, Udine, Italy, 2Academic Univ Hosp, Dept Kidney & Liver Transplantation, Udine, Italy.

OUTCOMES OF MYCOPHENOLATE MONOTHERAPY FOR HUMAN LEUKOCYTE ANTIGEN (HLA)-IDENTICAL SINGLE LIVING KIDNEY TRANSPLANTATION
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CHARGE OF LONG NON-CODING RNA, MGA3>AS1, IN PATIENTS BEFORE AND AFTER KIDNEY TRANSPLANTATION
Subagni Nagarajah1, Marianne Rasmussen2, Martin Tepel1, 1Univ Sourthern Denmark, Inst Molecular Medicine, Odense, Denmark, 2Univ of Southern Denmark, Inst Molecular Medicine, Odense, Denmark.

HLA DESENSITIZATION USING RITUXIMAB/ IMMUNOADSORPTION BEFORE KIDNEY TRANSPLANTATION

OPTIMAL MODALITY OF RENAL REPLACEMENT THERAPY IN ELDERLY POPULATION:TRANSPLANT VERSES PERITONEAL DIALYSIS
Anupma Kaul1, Manas Behera1, Dharmendra Bhaduria1, Narayan Prasad1, Prabhakar Misha2, Amit Gupta1, R K, Sharma1, 1Sanjay Gandhi Post Graduate Inst Med Sciences, Nephrology, Lucknow, India, 2Sanjay Gandhi Post Graduate Inst Med Sciences, Biostatistics and Health Informatics, Lucknow, India.

EFFECTIVE STRATEGY FOR CHRONIC ANTIBODY-MEDIATED REJECTION IN KIDNEY TRANSPLANTATION RECIPIENTS
Woo Yeong Park1,2, Ha Yeon Park1, Sang Mok Yeo1, Seong Sik Kang1,2, Kyubok Jin1,2, Sung Bae Park1,2, Eun J. Whang3, Joon H. Jeong2, Chul S. Yoon2, Eun J. Whang3, 1Hanseo Hospital, Nephrology, Busan, Korea, 2Hanseo Hosp, Surgery, Busan, Korea, 3Hanseo Hosp, Nephrology, Busan, Korea.

IMPROVEMENT OF LUNG FUNCTIONS IN KIDNEY TRANSPLANT RECIPIENTS: PRELIMINARY RESULTS
Woo Yeong Park1,2, Ha Yeon Park1, Sang Mok Yeo1, Seong Sik Kang1,2, Kyubok Jin1,2, Sung Bae Park1,2, Eun J. Whang3, Joon H. Jeong2, Chul S. Yoon2, Eun J. Whang3, 1Hanseo Hospital, Nephrology, Busan, Korea, 2Hanseo Hosp, Surgery, Busan, Korea, 3Hanseo Hosp, Nephrology, Busan, Korea.

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HISTORY OF RENAL AND OCULAR FINDINGS IN PRIMARY HYPEROXALURIA: FROM OXALIS ACETOSELLA TO THE MULBERRY CALCULUS, CKD, RETINOPATHY AND SYSTEMIC OXALOSIS
Davide Vigiano1, Francesca Simonelli2, Giovambattista Capasso3, Natascia De Santoro4, Univ Molise, Dept Medicine and Health Sciences, Campobasso, Italy, 2Univ Campania L.Vanvitelli, Eye Clinic, 3Univ Campania, Dept Cardiothoracic Sciences, Naples, Italy, 4Univ Campania, Nephrology, Naples, Italy.

SP772
JOSEP TRUETA I RASPALL (1897-1977): THE EXCELLENT HISTORY OF THE RENAL CIRCULATION
Enrico Favaro, Osp San Giacomo Apostolo, Castelfranco Veneto, Nephrology-Dialysis, Castelfranco Veneto, Italy.

SP773
ARTHUR CECIL ALPORT - HIS INPUT INTO THE KNOWLEDGE ON THE NEPHROLOGICAL HEREDITARY DISEASES
Anna Bednarek1,2, Andrzej Woliński2, 1Medical Univ, Dept Nephrology, Lublin, Poland, 2Diaverum Chodźki Dialysis Clinic, Lublin, Poland.

SP774
HISTORY OF HEPARIN USE IN NEPHROLOGY
Maria Ivanova1, Olga Vetchinnikova2, Alexey Zulkarnaev2, 1First Moscow State Medical Univ by I.M. Sechenov, Medical Fac, Moscow, Russian Federation, 2Moscow Regional Research and Clinical Inst, Dept Surgical and Dialysis, Moscow, Russian Federation.

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HISTORY OF THE MYSTERY OF NATURE AND THE TREATMENT OF HYPERTENSION
Danijela Tasic1, Sorja Radenkovic2, Dijana Stojanovic3, Vladimir Bojanci2, Branka Mitić4, Zorica Dimijinjević4, Stevan Glagojvic1, Katarina Tasic1, 1Univ Nis, Clinic nephrology, Nis, Serbia, 2Fac Medicine, Inst pathology, Nis, Serbia, 3Medical Fac, Clinic nephrology, Nis, Serbia, 4Medical Fac, Dept Pharmacy, Nis, Serbia.

SP776
RELATIVELY UNKNOWN ‘NEPHROLOGISTS’ BETWEEN 1st-14th CENTURY
Vincenzo Savica1, Giovanni Duro2, Thanos Diamandopoulou3, Guido Bellinghieri1, 1National Research Council, Palermo-Messina, A. Monroy Inst Biomedicine and Molecular Immunology, Messina, Italy, 2A Monroy Inst Biomedicine and Molecular Immunology, National Research Council, Palermo, Italy, 3Laurus Foundation History Nephrology, Athens, Greece, 4Univ Messina, Nephrology, Messina, Italy.

SP777
FIRST PAPERS ON THE DIAGNOSIS OF THE DISEASE ACCORDING TO CHANGE IN URINE IN MEDIEVAL SERBIA, 16TH CENTURY
Vladimir Sakac, Clinical Centre Vojvodina, Clinic Nephrology, Dept Nephrology, Novi Sad, Serbia.

SP778
GREAT PRECURSORS OF NEPHROLOGY IN POLAND
Janusz Ostrowski1,2,3, Przemyslaw Rutkowski4,5,6, Boleslaw Rutkowski5,2, 1Centre Postgraduate Medical Education, Dept History Medicine, Warsaw, Poland, 2Polish Society Nephrology, Historical Section Polish Society Nephrology, Warsaw, Poland, 3Diaverum, Dialysis Unit Diaverum, Włocławek, Poland, 4Medical Univ Gdańsk, Dept General Nurse- ry, Gdańsk, Poland, 5Medical Univ Gdańsk, Dept Nephrology, Transplantation and Internal Medicine, Gdańsk, Poland, 6Diaverum, Dialysis Unit Diaverum, Gdańsk, Poland.

SP779
CONTRIBUTION OF PROFESSOR ANTONIO BARAT IN EARLY SPANISH NEPHROPATHOLOGY
Belén Marrón1, Antonio Barat2, Esmeralda Castillo3, Marta Jiménez-Arroyo4, Alberto Ortiz3, 1Diaverum Renal Services, Home Therapies, Madrid, Spain, 2Fundación Jiménez Díaz, Pathology, Madrid, Spain, 3Fundación Jiménez Díaz, Nephrology and Hypertension, Madrid, Spain, 4Fundación Conchita Rábago de Jiménez Díaz, Madrid, Spain.

SP780
PROFESSOR LUIS HERNANDO: PIONEER OF SPANISH NEPHROLOGY
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PATIENT EDUCATION RESEARCH AND TRAINING IN NEPHROLOGY

SP784
A PILOT RENAL TASTER DAY: ATTRACTION JUNIOR DOCTORS TO A CAREER IN NEPHROLOGY
Jemima Scott1,2, lain Smith1, Arjai Menon1,1North Bristol NHS Trust, Richard Bright Renal Unit, Bristol, UK, 2Univ Bristol. School Social & Community Medicine, Bristol, UK.

SP785
INTEGRATION OF ADVANCE CARE PLANNING INTO STANDARD DIALYSIS CARE
Barbara Szonowska, Marcela Znojova, Eva Czokolyova, Marketa Dvorakova, Vladimir Polakovic, General Fac Hosp Prague, Dept Internal Medicine Stahrov, Prague, Czech Republic.

SP786
HEALTH LITERACY IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGES 3-5
Unve E. Stomer1,2, Lasse G. Goransson2,3, Astrid K. Wahlå, Kristin H. Uristå1. 1Univ Stavanger, Fac Health Science, Stavanger, Norway, 2Stavanger Univ Hosp, Dept Nephrology, Stavanger, Norway, 3Univ Bergen, Fac Medicine, Bergen, Norway, 4Univ Oslo, Fac Medicine, Oslo, Norway.

SP787
EVALUATION OF THE ROUTINE USE OF DECISION MAKING TOOLS IN CKD G4-G5 IN AN INTERNATIONAL SETTING DURING 35 MONTHS
Belén Marrón1, Fernando Pereira2, Janusz Ostrowski3, Delia Timofte4, Marietta Tórik5, Michael Roesch6, Claudia Martin7, Pawel Kochman3, Dan Munteanu7, Jörgen Hegbrant9, on behalf of the Peritoneal Dialysis-DMT Diaverum Group, 1Diaverum, Home Therapies, Madrid, Spain, 2Diaverum, Health Economics, Madrid, Spain, 3Diaverum, Wloclawek Clinic, Wloclawek, Poland, 4Diaverum, Sema Clinic, Bucharest, Romania, 5Diaverum, Rokus Clinic, Budapest, Hungary, 6Diaverum, Schulkrete, Hamburg, Germany, 7Diaverum, Barracas Clinic, Buenos Aires, Argentina, 8Diaverum, Fundeni Clinic, Bucharest, Romania, 9Diaverum, Medical Office, Lund, Sweden.

SP788
RENAI PROJHECT: ENHANCING PATIENTS EDUCATION AND SELF-MONITORING THROUGH TECHNOLOGY IN THE DIGITAL ERA
Geraldo Bezerra da Silva Junior, Juliana Gomes Ramalho de Oliveira, Bruno Praca Barbosa, Ariana Amorim de Paula, Marilia Giro Nobre Faleh, Wanderson de Almeida Pereira, Camila Soldon Braga, Alexandre Cavalcante Teixeira, Matheus Holanda Pinheiro de Albuquerque, Ronaldo Almeida de Freitas Filho, Renan Lima Alencar, Jose Evunic Vasconcelos Filho, Univ Fortaleza, Health Sciences and Technology Center, Fortaleza, Brazil.

SP789
TWITTER BASED CONFERENCES - AN ONLINE LEARNING TOOL FOR NEPHROLOGISTS
Anvind Corjeevaran1, Maheshka Vankalakunt2, Gerima Agapan3, Tejas Desai4,5, 1Bangalore Hosp, Nephrology, Bangalore, India, 2Manipal Hosp, Pathology, Bangalore, India, 3Max Super Specialty Hosp, Vashi, Nephrology, New Delhi, India, 4NOD Analytics, Nephrology, Charlotte, NC, 5International Society of Nephrology, Nephrology, Brussels, Belgium.

SP790
IMPACT OF DECISION MAKING TOOLS ON HIGHER PERITONEAL DIALYSIS CHOICE AND TAKE-ON IS RELATED TO CENTER EXPERIENCE IN AN INTERNATIONAL SETTING
Belén Marrón1, Janusz Ostrowski2, Marietta Tórik3, Delia Timofte4, Michael Roesch5, Claudia Martin6, Ignacio de León-Ponce de León7, Pawel Kochman3, Dan Munteanu7, Jörgen Hegbrant9, on behalf of the Peritoneal Dialysis-DMTs Diaverum Group, 1Diaverum, Renal Services, Madrid, Spain, 2Diaverum, Wloclawek Clinic, Wloclawek, Poland, 3Diaverum, Rokus Clinic, Budapest, Hungary, 4Diaverum, Sema Clinic, Bucharest, Romania, 5Diaverum, Rokus Clinic, Hamburg, Germany, 6Diaverum, Barracas Clinic, Buenos Aires, Argentina, 7Diaverum, Statistics-IT, Madrid, Spain, 8Diaverum, Bajcsy Clinic, Budapest, Hungary, 9Diaverum, Fundeni Clinic, Bucharest, Romania, 10Diaverum, Medical Office, Lund, Sweden.

SP791
ABILITY TO PERFORM DAILY LIFE ACTIVITIES AND LEARNING NEEDS OF PATIENTS WITH KIDNEY TRANSPLANTATION
Seda Pehlivan1, Nursel Vatansever1, Iknu Arslan2, Abdulmecit Yildiz2, Alparslan Ersoy3, 1Uzluq Univ, Fac Health Sciences, Dept Nursing, Bursa, Turkey, 2Ukadag Univ, School Medicine, Health Practice and Research Center, Dept Organ Transplant. Bursa, Turkey, 3Ukadag Univ, School Medicine, Dept Nephrology, Bursa, Turkey.

SP792
HEALTH LITERACY AND ITS ASSOCIATION WITH CLINICAL DATA OF HUNGARIAN PATIENTS LIVING WITH CHRONIC KIDNEY DISEASE
Ágnes Hars1, Oroszla Papp-Zipernovszky2, Mátra Csaba2, Eszter T. Dobosné1, Kálmán Polner1, 1St. Margit Hosp, Nephrology Dept, Budapest, Hungary, 2Univ Szeged, Dept Psychology, Szeged, Hungary.
REGISTRY POSTERS

POSTER AREA

REG 1

REG 2

REG 3

REG 4

REFERENCES

Posters

Scientific Programme

DAY AT A GLANCE

08:00 - 09:30 Symposia
The diagnosis of Heart Failure in End Stage Kidney Disease (ESKD): a lingering dilemma 326
IgA nephropathy: from genes to therapeutic controversies 326
Post transplantation diabetes mellitus - relation to obesity and new options/challenges 327
AKI biomarkers and risk factors 327
ERA-EDTA & ESH 328
Pregnancy, CKD and hypertension 329
Interstitial fibrosis and mechanisms of CKD progression 329
Free Communications + Mini Lectures
Nutrition in CKD 330
Vascular access 331
Peritoneal dialysis 333

09:45 - 10:30 Plenary Lecture Marcello Tonelli
Epidemiology of kidney disease 335

10:45 - 12:15 Symposia
New methods of anaemia management in CKD patients 335
Risk profiling in renal transplant patients 336
Rituximab in immune mediated glomerular diseases: one drug does not fit all 336
Controversy: too much nephrology? 337
Lessons from International Databases (in collaboration with ISPD) 337
APOL1 impact in kidney disease 338
Free Communications + Mini Lectures
Renal development and cystic diseases 339
Acid-base balance and uric acid 340
Diabetes basic research 342
Paediatric nephrology 343

12:30 - 14:00 Special session
Nephrology Pearls 345
CONGRESS HALL A1

Symposium 5.8

The diagnosis of Heart Failure in End Stage Kidney Disease (ESKD): a lingering dilemma

Chairs: Petar Kes, Zagreb, Croatia
Claudio Ronco, Vicenza, Italy

Acute and chronic heart-kidney interactions
Claudio Ronco, Vicenza, Italy

The new Heart Failure Classification - why Nephrologists are important in the real world setting
Vincent Brandenburg, Aachen, Germany

Nephrilysin inhibition in heart failure and CKD - a double-edged sword?
Richard Haynes, Oxford, United Kingdom

CONGRESS HALL A2

Symposium 3.2

IgA nephropathy: from genes to therapeutic controversies

Chairs: Jürgen Floege, Aachen, Germany
Renato Monteiro, Paris, France

From genetics to pathophysiology
Jan Novak, Birmingham, U.S.A.

Towards pathology-based therapy? Towards a personalized therapy in IgAN
Rosanna Coppo, Turin, Italy

From experimental models to new treatment options in humans
Renato Monteiro, Paris, France

New and next therapeutic approaches
Jürgen Floege, Aachen, Germany

AUDITORIUM 10-11-12

Symposium 7.4

Post transplantation diabetes mellitus - relation to obesity and new options/challenges

Chairs: Mads Hornum, Copenhagen, Denmark
Esteban Porrini, La Laguna (Tenerife), Spain

Peripheral or central resistance - pre and post transplant factors in PTDM
Morten Buus Jørgensen, Copenhagen, Denmark

Insulin secretion and immunosuppression related pathogenesis of PTDM
Trond Jenssen, Oslo, Norway

New gastrointestinal hormones for glucose control in obesity and type 2 diabetes - any role in diabetes after transplantation?
Tina Vilsbøll, Gentofte, Denmark

Clinical evolution of PTDM
Esteban Porrini, La Laguna (Tenerife), Spain

C1-M1-2

Symposium 9.1

AKI biomarkers and risk factors

Chairs: Jolanta Małyszko, Warsaw, Poland
Mehmet Sukru Sever, Istanbul, Turkey

Novel biomarkers for prediction/detection of AKI
Danilo Fliser, Homburg/Saar, Germany

Leukocyte integrin CD11b in ischemic AKI
M. Amin Arnaout, Boston, U.S.A.

NETs and histones, new players in AKI and AKI-related remote organ injury
Hans-Joachim Anders, Munich, Germany

Biomarkers for early detection and prognosis of AKI
Raymond Vanholder, Ghent, Belgium
Scientific Programme

**Joint Symposium ERA-EDTA & ESH (European Society of Hypertension)**

Chairs: Konstantinos P. Tsioufis, Athens, Greece
       Carmine Zoccali, Reggio Calabria, Italy

Current status of RDN for hypertension treatment
Konstantinos P. Tsioufis, Athens, Greece

Resistant hypertension: an update
Andrzej Januszewicz, Warsaw, Poland

Poor adherence to medications in hypertension and in CKD
Peter J. Blankestijn, Utrecht, The Netherlands

The BP targets in CKD in the post-SPRINT era
Danilo Fliser, Homburg/Saar, Germany

**Pregnancy, CKD and hypertension**

Chairs: Jacob Alexander Lykke, Copenhagen, Denmark
       Elisabeth R. Mathiesen, Copenhagen, Denmark

The role of antihypertensive treatment in pregnant women with diabetic nephropathy
Elisabeth R. Mathiesen, Copenhagen, Denmark

The role of home blood pressure measurements in pregnancy complicated by hypertension
Marianne Vestgaard, Copenhagen, Denmark

Preconception cardiovascular risk factors for gestational hypertension and preeclampsia
Jacob Alexander Lykke, Copenhagen, Denmark

Preeclampsia - does it predict kidney and cardiovascular disease in the future
Per-Henrik Groop, Helsinki, Finland

Complement activation in kidneys; more than just a signature of IgG deposition
Cees Van Kooten, Leiden, The Netherlands

**Interstitial fibrosis and mechanisms of CKD progression**

Chairs: Peter Boor, Aachen, Germany
       Alberto Ortiz, Madrid, Spain

New concepts in the pathogenesis of interstitial fibrosis
Peter Boor, Aachen, Germany

Are there early biomarkers of interstitial fibrosis?
Christos Chatziantoniou, Paris, France

The role of hypoxia in the progression of polycystic kidney disease
Kai-Uwe Eckardt, Berlin, Germany

Interstitial fibrosis in kidney transplant recipients
Marian Klinger, Wroclaw, Poland
**Nutrition in CKD**

Chairs: Denis Fouque, Lyon, France
Pablo Molina, Valencia, Spain

**FREE COMMUNICATIONS**

SuO001

HYPOPROTEIC DIET SUPPLEMENTED WITH KETOANALOGUES - EFFECTS ON PROTEINURIA IN PATIENTS WITH DIABETIC KIDNEY DISEASE

Liliana Garneata1,2, Tudor Simionescu1, Alexandra Stancu1, Paula Luca1, Ioana Nicolae1, Gabriel Mircescu1, 1Dr Carol Davila Teaching Hosp Nephrology, Nephrology, Bucharest, Romania, 2Carol Davila Univ Medicine and Pharmacy, Dept Internal Medicine and Nephrology, Bucharest, Romania.

SuO002

SINGLE VERSUS MULTIPLE 24-HOUR URINE COLLECTIONS FOR ESTIMATION OF LONG-TERM POTASSIUM INTAKE AND THE ASSOCIATED RENAL RISK

Rik H.G. Olde Engberink1, Hessel Peters-Sengers1, Bert-Jan H. van den Born2, Liffert Vogt1, 1Academic Medical Center, Vascular Medicine, Amsterdam, Netherlands, 2Academic Medical Center, Vascular Medicine, Amsterdam, Netherlands.

SuO003

INDOXYL SULFATE AND P-CRESYL SULFATE PROMOTE VASCULAR CALCIFICATION BY GLUCOSE-MEDIATED ACTIVATION OF INFLAMMATION AND COAGULATION PATHWAYS

Britt Opdebeeck1, Stuart Maudeley2,3, Abdelkrim Azmi2, Annelies De Man3, Wout De Leen4, Bjorn Meijers5,6, Anja Verhulst5,6, Pieter Evenepoel5,6, Patrick D’Haese1, Ellen Neven1, 1Univ Antwerp, Biomedical Sciences, Wilrijk, Belgium, 2Univ Antwerp, Lab Pathophysiology, Wilrijk, Belgium, 3KU Leuven, Chemistry, Leuven, Belgium, 4KU Leuven, Lab Nephrology, Leuven, Belgium, 5KU Leuven, Translational Neurobiology Group, Wilrijk, Belgium, 6KU Leuven, Lab Nephrology, Leuven, Belgium.

SuO004

GUT MICROBIOTA COMPOSITION AND FRAILTY IN ELDERLY PATIENTS WITH CHRONIC KIDNEY DISEASE

Elisabetta Margiotta1, Lara Caldirola2, Simone Vettoretti3, Maria Antonia Emilia Meneghini3, Francesca Zannoni3, Francesco Miragoli4, Maria Luisa Callegari4, Piergiorgio Messa3, 1Policlinico Osp Maggiore Milano, Unit Nephrology and Dialysis, Milan, Italy, 2Fondazione IRCCS Policlinico Osp Maggiore, Unit Nephrology, Milan, Italy, 3IRCCS Fondazione Policlinico Osp Maggiore, Unit Nephrology, Milan, Italy, 4Univ Cattolica Sacro Cuore, Centro Ricerche Biotecnologiche, Cremona, Italy.

SuO005

SPOT URINE SODIUM MEASUREMENTS IN THE FIRST MORNING VOID DO NOT ACCURATELY ESTIMATE DIETARY SODIUM INTAKE IN CHRONIC KIDNEY DISEASE


**SUNDAY, MAY 27**

**FREE COMMUNICATIONS**

**PREVENTION OF TUNNELED CUFFED CATHETER DYSFUNCTION WITH PROPHYLACTIC USE OF TAUROLIDINE LOCKING SOLUTION CONTAINING UROKINASE: A PROSPECTIVE AND RANDOMIZED PLACEBO-CONTROLLED TRIAL**

Florence Bonkain1, Freya Van Hulle1, Jean-Claude Stolear2, Philippe Madhoun2, Philippe Durieu2, Catalano Concetta3, Mandelina Allamani3,1, Dominique Vandervelde4, Serge Treille5, Amaryllis Van Craenenbroeck6, Marie-Madeleine Coutenye6, Wim Van Biesen7, Annemie Dhondt7, Mark Libertals3, Christian Tielemans1, Karl Martin Wissing3,1, 1Univ Ziekenhuis Brussel, Nephrology, Brussels, Belgium, 2Centre Hosp Wallonie Picarde Site IMC Tournai, Nephrology, Tournai, Belgium, 3Centre Hosp Univ Brugmann, Nephrology, Brussels, Belgium, 4Hop Iris-Sud site Joseph Bracops, Nephrology, Brussels, Belgium, 5Centre Hosp Univ Charleroi, Nephrology, Charleroi, Belgium, 6Univ Ziekenhuis Antwerp, Nephrology, Edegem, Belgium, 7Ghent Univ Hosp, Nephrology, Ghent, Belgium, 8Hop Iris-Sud, site Ixelles, Nephrology, Brussels, Belgium.

**INFLUENCE OF ARTERIO VENOUS ACCESS PLACEMENT ON RENAL FUNCTION DECLINE**

Ulrika Hahn Lundström1, Ulf Hedlin2, Alessandro Gasparini3, Fergus Caskey4, Juan-Jesus Carrero-Roig5, Marie Evans1, 1Karolinska Inst, CLINTEC, Stockholm, Sweden, 2Karolinska Inst, Dep Molecular Medicine and Surgery, Stockholm, Sweden, 3Univ Leicester, Dep Health Sciences, Leicester, UK, 4Univ Bristol, UK Renal Registry, Bristol, UK, 5Karolinska Inst, Dep Medical Epidemiology and Biostatistics, Stockholm, Sweden.

**STANDARDISED OUTCOMES IN NEPHROLOGY (SONG): ESTABLISHING A CORE VASCULAR ACCESS OUTCOME MEASURE FOR TRIALS IN HAEMODIALYSIS**

Andrea K. Viecelli1, Allison Tong2, Angela Ju2, Benedicte Sautenet3, Emma O’Lone2, Jonathan C. Craig2, Martin Howell2, Nicole Evangelidis2, Carmel M. Hawley1, 1Univ Queensland, School Medicine, Brisbane, Australia, 2Univ Sydney, Sydney School Public Health, Sydney, Australia, 3Tour’s Hosp, Dept Nephrology and Clinical Immunology, Tours, France.

**EFFICACY OF BRACHIAL ARTERY SUPERFICIALIZATION AS AN ALTERNATIVE WAY FOR VASCULAR ACCESS IN PATIENTS WITH MAINTENANCE HEMODIALYSIS**

Masaaki Murakami1,2, Takao Okawa1, Kei Myanaka3, Satoshi Haranoue4, Kotoo Suemitsu5, Kengo Kajiwara6, Masahito Miyamoto7, Hideki Inoue2, Shina Sueki8,7, Hiroshi Nihei9, Satoko Suemitsu10, Kiyoshi Mori1, Noriko Mori1, Masashi Mukoyama2, Shinzo Saito4, 1Kansai Rosai Hosp, Nephrology, Amagasaki, Japan, 2Kumamoto Medical Center, Nephrology, Kumamoto, Japan, 3Kumamoto City Hosp, Nephrology, Kumamoto, Japan, 4Japanese Red Cross Kumamoto Hosp, Nephrology, Kumamoto, Japan, 5Kansai Rosai Hosp, Nephrology, Amagasaki, Japan, 6Kumamoto Medical Center, Nephrology, Kumamoto, Japan, 7Yokohama Daiichi Hosp, Vascular access center, Yokohama, Japan, 8ST Mariana Univ, School Medicine Hosp, Nephrology, Kawasaki, Japan, 9Toho Univ Omori Medical Center, Urology, Oota, Japan, 10Kinki Central Hosp, Nephrology, Itami, Japan.
Scientific Programme

SuO010
THE ROLE OF NEUROMUSCULAR ELECTROSTIMULATION IN RADIOCEPHALIC FISTULA MATURATION PROCESS AND HEMODIALYSIS PARAMETERS
Vincent Esteve Sino1, Irati Tapia González1, Sandra Rubio Paez1, Pilar Estruga Caballero1, Lucia Inés Martín Ramirez2, Montse Yeste Campos2, Manel Ramírez de Arellano Serna1. 1Hosp Terrassa, Consorci Sanitari Terrassa (CST), Nephrology, Terrassa, Spain, 2Hosp Terrassa, Consorci Sanitari Terrassa (CST), Vascular Surgery, Terrassa, Spain.

SuO011
DOPPLER ULTRASOUND VS TRANSONIC FOR ACCESS BLOOD FLOW BASED SURVEILLANCE. POST-HOC ANALYSIS FROM METTRO TRIAL. NCT02111655.
Ines Aragoncillo1, Silvia Caldes, Soraya Abad, Yesika Amezquita2, Almudena Vega1, Antonio Cirugeda2, Juan Manuel Lopez Gomez1, Nicolas Macias1, Tania Linares3, Ana Garcia Prieto1, Cristina Moratilla4, Cristina Fernandez, Jose Lufo1, 1Gregorio Marañon Hosp, Nephrology, Madrid, Spain, 2Hosp Infanta Sofia, Nephrology, Madrid, Spain, 3Hosp Doce de Cotubre, Nephrology, Madrid, Spain, 4Clinica Fuensanta, Nephrology, Madrid, Spain, 5Hospital Clínico, Statistics and Epidemiology, Madrid, Spain.

Scientific Programme

C1-M0
Free Communication Session 32 + Mini Lecture

Peritoneal dialysis

Chairs: Raymond Krediet, Amsterdam, The Netherlands
Jens Schmidt Iversen, Copenhagen, Denmark

Mini lecture
Clinical implications of peritoneal transport physiology
Olof Heimbürger, Stockholm, Sweden

FREE COMMUNICATIONS

SuO012
PHASE I CLINICAL TRIAL OF ADMINISTRATION OF ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IN PERITONEAL DIALYSIS PATIENTS
Soroosh Shekarchian1, Sudabeh Alatabi2, Iraj Najafi3, Reza Moghadasi4, Gholamreza Pourmand2, Nasser Aghdami1, 1Royan Inst Stem Cell Biology and Technology, Dept Regenerative Medicine, Tehran, Iran, 2Sina Hosp, Urology Research Center, Tehran, Iran, 3Shariati Hosp, Urology Research Center, Tehran, Iran, 4Royan Inst Stem Cell Biology and Technology, Dept Stem Cells and Developmental Biology, Tehran, Iran.

SuO013
ALANYL-GLUTAMINE IN PERITONEAL DIALYSIS FLUIDS IMPROVES PERITONEAL HEALTH AND SYSTEMIC INFLAMMATION: A DOUBLE-BLINDED RANDOMIZED CROSSOVER TRIAL
Andreas Vychytil1, Rebecca Herzog2, Paul Probst1, Werner Ribitsch3, Karl Lhotta4, Veronika Machold-Fabrizi5, Martin Wiersholzer6, Michaela Kaufmann7, Hermann Salmoher8, Martin Windpessl9, Franz König10, Alexander Rosenkranz3, Rainer Oberbauer1, Klaus Kratochwill2, Christoph Aufricht1, 1Medical Univ Vienna, Dept Internal Medicine III, Vienna, Austria, 2Medical Univ Vienna, Christain Doppler Lab Molecular Stress Research Peritoneal Dialysis, Vienna, Austria, 3Medical Univ Graz, Clinical Div Nephrology, Dept Internal Medicine, Graz, Austria, 4Feldkirch Academic Teaching Hosp, Dept Nephrology and Dialysis, Feldkirch, Austria, 5Wilhelminenspital, Div Nephrology and Dialysis, Dept Medicine VI, Vienna, Austria, 6Universitat Hosp St. Poelten, Dept Internal Medicine I, St. Poelten, Austria, 7Oeiras Clinic, Dept Nephrology and Dialysis, Odense, Denmark, 8Paracelsus Medical Univ, Dept Medicine I, Salzburg, Austria, 9Klinikum Wels-Grieskirchen, Dept Internal Medicine I, Wels, Austria, 10Medical Univ Vienna, Inst Medical Statistics, Vienna, Austria, 11Medical Univ Vienna, Pediatric Nephrology and Gastroenterology, Vienna, Austria.

SuO014
PERITONEAL DIALYSIS WITH THE NEW PORTABLE CARRY LIFE® SYSTEM
Ola Samuelsson1, Lena Heijdenberg1, Charlotte de Leon2, Nina Meinander Q. Meinander2, Eva Persson2, Lars Wramner2, 1Sahlgrenska Univ Hosp, Dept Nephrology, Gothenburg, Sweden, 2Triomed AB, Clinical, Lund, Sweden.
SuO015
VS-01 - A PROMISING INTRAPERITONEAL TREATMENT TO MANAGE HEPATIC ENCEPHALOPATHY AND RENAL FAILURE IN CIRRHOTIC PATIENTS

Vincent Forster¹, Valentina Agostoni², Giovanna Giacalone², Soohyeon Lee², Meriam Kabbaj¹, Christina R. Bosio³, Melanie Tremblay³, Christopher F. Rose³, Jean-Christophe Leroux², 1Versantis, AG, Zurich, Switzerland, 2ETH Zurich, Dept Chemistry and Applied Biosciences, Zurich, Switzerland, 3Univ Montreal, Centre Hosp Univ Montreal, Montreal, QC, Canada.

SuO016
THE INFLUENCE OF ALANYL-GLUTAMINE ON THE PERITONEAL PROTEOME IN A CHRONIC RAT MODEL OF PERITONEAL DIALYSIS

Klaus Kratochwill¹,², Michael Boehm², Rebecca Herzog²,¹, Christoph Aufricht², 1Medical Univ Vienna, Christian Doppler Lab Molecular Stress Research in Peritoneal Dialysis, Vienna, Austria, 2Medical Univ Vienna, Paediatric Nephrology, Vienna, Austria.

SuO016A
FIVE YEAR LONGITUDINAL FOLLOW-UP OF PERITONEAL MEMBRANE TRANSPORT DURING TREATMENT WITH A CONVENTIONAL AND A BIOLCOMATIBLE PD SOLUTION

Raymond T. Krediet, Anouk T.N. van Diepen, Deirisa Lopes Baretto, Annemieke M. Coester, Dirk G. Struijik, Academic Medical Centre Univ Amsterdam, Nephrology, Amsterdam, Netherlands.

CONGRESS HALL A1
09:45 - 10:30

Plenary Lecture 4

Chairs: Annette Bruchfeld, Stockholm, Sweden
Ivan Rychlik, Prague, Czech Republic

Epidemiology of kidney disease
Marcello Tonelli, Calgary, Canada

CONGRESS HALL A1
10:45-12:15

Symposium 5.4

New methods of anaemia management in CKD patients

Chairs: Kai-Uwe Eckardt, Berlin, Germany
Iain C. Macdougall, London, United Kingdom

PHIs – safety and efficacy - results from recent clinical trials
David Wheeler, London, United Kingdom

Iron supplementation in CKD patients – what is the optimal dose and optimal route of administration in 2018?
Iain C. Macdougall, London, United Kingdom

Mechanisms of hypertension induced by erythropoietin and related agents
Michal Nowicki, Lodz, Poland

What is the future of rHuEPO?
Francesco Locatelli, Lecco, Italy
**Risk profiling in renal transplant patients**

Chairs: Alan G. Jardine, Glasgow, United Kingdom  
George Reusz, Budapest, Hungary

- Metabolic risk profile in kidney transplant candidates and in kidney transplant recipients  
  Umberto Maggiore, Parma, Italy
- CV risk in potential renal transplant recipients  
  Alan G. Jardine, Glasgow, United Kingdom
- Nocturnal hypertension and renal function loss in renal transplant patients  
  George Reusz, Budapest, Hungary

**Rituximab in immune mediated glomerular diseases: one drug does not fit all**

Chairs: Fernando Fervenza, Rochester, U.S.A.  
David Jayne, Cambridge, United Kingdom

- Anti-B cell targeted therapy: mechanism and efficacy in minimal change disease and focal segmental glomerulosclerosis  
  Annette Bruchfeld, Stockholm, Sweden
- Rituximab in idiopathic membranous nephropathy  
  Pierre Ronco, Paris, France
- Rituximab in IgA nephropathy  
  Fernando Fervenza, Rochester, U.S.A.
- Rituximab in ANCA vasculitis  
  David Jayne, Cambridge, United Kingdom

**Controversy: too much Nephrology?**

Chairs: Friedo W. Dekker, Leiden, The Netherlands  
Carmine Zoccali, Reggio Calabria, Italy

- The CKD epidemics is overated  
  Pierre Delanaye, Liège, Belgium
- The CKD epidemics is real and concerning  
  Ron T. Gansevoort, Groningen, The Netherlands

**Lessons from International Databases (in collaboration with ISPD)**

Chair: Simon Davies, Stoke-on-Trent, United Kingdom

Standardised Outcomes in Nephrology: Peritoneal Dialysis  
Karine Manera, Sydney, Australia

Achieving optimal catheter function. Early insights from PDOPPS and UK-Catheter Study  
Martin Wilkie, Sheffield, United Kingdom

An update from the IPDN (International Paediatric Dialysis Network)  
Franz Schaefer, Heidelberg, Germany
CONGRESS HALL A3

Symposium 1.3

**APOL1 impact in kidney disease**

Chairs: Barry I. Freedman, Winston-Salem, U.S.A.
Moin Saleem, Bristol, United Kingdom

Pathogenic roles of lipoproteins and apolipoproteins in kidney diseases
Arnold Von Eckardstein, Zurich, Switzerland

The APOL1-associated spectrum of chronic kidney disease
Barry I. Freedman, Winston-Salem, U.S.A.

A mouse model of APOL1-associated kidney disease
Moin Saleem, Bristol, United Kingdom

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C1-M3

**Free Communication Session 33 + Mini Lecture**

**Renal development and cystic diseases**

Chairs: Iain Bressendorff, Copenhagen, Denmark
Albert Ong, Sheffield, United Kingdom

Mini lecture
Economics of ADPKD: cost-effectiveness of medical treatment?
Jonathan G. Fox, Glasgow, United Kingdom

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**FREE COMMUNICATIONS**

SuO017
PRECLINICAL EVALUATION OF RGLS4326 FOR THE TREATMENT OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASES
Tania Valencia1, Annelie Schairer1, Kara Kersjes1, Jian Li1, Scott Davis1, Andrea Flaten2, Vishal Patel2, Edmund Lee1, 1Regulus Therapeutics, Biology, San Diego, CA, 2Univ Texas Southwestern Medical Center, Dept Internal Medicine and Div Nephrology, Dallas, TX.

SuO018
AN AUTOMATED HIGH CONTENT SCREENING PLATFORM FOR IDENTIFICATION OF CYSTIC KIDNEY DISEASE-MODIFYING SUBSTANCES IN ZEBRAFISH
Gunjan Pandey1, Jens H. Westhoff1, Franz Schaefer1, Jochen Gehrig2, 1Dept Pediatrics, Univ Heidelberg, Heidelberg, Germany, 2ACQUIFER/DITABIS, Digital Biomedical Imaging Systems AG, Pforzheim, Germany.

SuO019
REDUCED β-CATENIN LEVELS DURING KIDNEY DEVELOPMENT DISTURB RENAL MORPHOLOGY AND KIDNEY FUNCTION IN THE ADULT
Stefan Rudloff1,2, Andrea Karolin1,2, Delphine Lambert1,2, Uyen Huynh-Do1,2, 1Univ Hosp Bern, Div Nephrology and Hypertension, Bern, Switzerland, 2Univ Bern, Dept Biomedical Research, Bern, Switzerland.

SuO020
OPTIMAL ROUTE OF DIPHTHERIA TOXIN ADMINISTRATION TO ELIMINATE NATIVE NEPHRON PROGENITOR CELLS IN VIVO FOR KIDNEY REGENERATION
Shohei Fukunaga, Shuichiro Yamanaka, Toshinari Fujimoto, Susumu Tajiri, Taketo Uchiyama, Kei Matsumoto, Takashi Yokoo, Jikei Univ School medicine, Div nephrology and hypertension, Dept internal medicine, Minato-ku, Tokyo, Japan.

SuO021
CYST DEVELOPMENT AND RENAL CANCER IN GLYCOGEN STORAGE DISEASE TYPE 1
Monteillet Laure1, Gjorgieva Monika1, Calderaro Julien2, Silva Marine1, Mithieux Gilles1, Rajas Fabienne1, 1INSERM, Univ Lyon1, U1213 Nutrition, Diabetes and Brain, Lyon, France, 2INSERM, Univ Paris Descartes, Univ Paris Diderot, Univ Paris 13, Labex Immuno-Oncology, UMR-1162, Paris, France.
FREE COMMUNICATIONS

SuO0022
SERUM URIC ACID & DECLINE IN RENAL FUNCTION &gt; THE ARAGON WORKERS’ HEALTH STUDY COHORT
Hilda Mercedes Villafuerte Ledesma1, Pablo Javier Iligo Gill, Ignacio Gimenez Lopez2, Montserrat Leon Latre2, Rafael Alvarez Lipe1, Jose Maria Pena Porta1, Alba Martinez Burillo1, 1Lozano Blesa Univ Clinical Hosp, Nephrology, Zaragoza, Spain, 2Aragon Health Sciences Inst (IACS), Cardiovascular Research Unit, Zaragoza, Spain.

SuO023
DYNAMIC NMR SPECTROSCOPY IN THE FOLLOW-UP OF ACUTE AND CHRONIC HYPOTONIC BRAIN EDEMA
Marta Tejedor1, Lorena Cusso2, Angel Nava3, Alexander Rojo3, Giovanna Martin3, Clara Uson3, Javier Soto3, Maria Angeles Gonzalez-Nicolas4, Alberto Tejedor4, 1Hosp Infanta Elena, Valdemoro, Madrid, Spain, 2Hosp Univ Gregorio Maranon, Image medica, Madrid, Spain, 3Univ Complutense, Fac Medicina, Madrid, Spain, 4Hosp Univ Gregorio Maranon, Nephrology, Madrid, Spain.

SuO024
ACID URIC LEVEL AND PRO INFLAMMATORY CYTOKINES IN A COMMUNITY POPULATION
Desiree Luis Rodriguez1, Ernesto Martin Nunez2, Javier Donate Corea2, Nayar Perez Delgado3, Carolina Hernandez Carballay, Anabel Rodriguez Munoz1, Michelle Froment Blunt, Carmen Mora Fernandez, 1Univ Hosp Nuestra Senorita Candelaria, Nephrology Dept, Santa Cruz de Tenerife, Spain, 2Univ Hosp Nuestra Senorita Candelaria, Research Unit, Santa Cruz de Tenerife, Spain, 3Univ Hosp Nuestra Senorita Candelaria, Clinical analysis Dept, Santa Cruz de Tenerife, Spain, 4Univ Hosp Nuestra Senorita Candelaria, Internal Medicine Dept, Santa Cruz de Tenerife, Spain, 5Univ Hosp Nuestra Senorita Candelaria, Nephrology Dept and Research Unit, Santa Cruz de Tenerife, Spain.

SuO0025
ASQ Travel Grant (see page 32) SuO025
FEBUXOSTAT IMPROVES GFR AND BP IN NON-DIABETIC ADULTS WITH CKD 2-3: 6 YEARS TREATMENT AND FOLLOW-UP
Dmytro D. Ivanov1, Mariia D. Ivanova2, Tetjana B. Bevenko1, Shupyk National Medical Academy Postgraduate Education, nephrology and RRT, Kiev, Ukraine, 2National Medical Univ named by A.A. Bogomolets, Pathomorphology, Kiev, Ukraine.

SuO026
THE RENAL RESERVE IS COMPOSED OF AN EARLY ADH-DEPENDENT PHASE AND A LATE ADH-INDEPENDENT PHASE
Pietro Anastasi1, Davide Viggiano2, Giovambattista Capasso1, Natale G. De Santo3, 1Univ Campania L. Vanvitelli, Dept Cardiothoracic Sciences, Naples, Italy, 2Univ Molise, Dept Medicine and Health Sciences, Campobasso, Italy, 3Univ Campania, Nephrology, Naples, Italy.
Diabetes basic research

Chairs: Mads Hornum, Copenhagen, Denmark  
Rolf A.K. Stahl, Hamburg, Germany

FREE COMMUNICATIONS

- SuO028  
EPICALCATECHIN-3-GALLATE ATTENUATES RENAL DAMAGE VIA REVERSING OF KLOTHO DNA HYPERMETHYLATION IN DIABETIC DB/DB MICE AND HK-2 CELLS
Xiu Hong Yang, Fudan Univ, Shanghai Medical College, Shanghai, China.

- SuO030  
FK506 ATTENUATES BONE LOSS IN DIABETIC RATS VIA PROMOTING OSTEOBLAST DIFFERENTIATION BUT INHIBITING ADIPOCYTE DIFFERENTIATION
Lihua Ni, Rining Tang, Lini Lv, Sisi Wang, Kaiyun Song, Liting Wang, Meng Zuo, Bicheng Liu, Inst nephrology, Zhongda Hosp, Southeast Univ School Medicine, Nanjing, Jiangsu Province, China.

- SuO031  
DISRUPTION OF CELLULAR CHOLESTEROL HOMEOSTASIS INDUCED BY GUT MICROBIOTA DYSBIOSIS ACCELERATES INTERSTITIAL INJURY IN DIABETIC NEPHROPATHY
Ze Bo Hu, Kun Ling Ma, Yang Zhang, Gui Hua Wang, Jian Lu, Pei Pei Chen, Chen Chen Lu, Bi Cheng Liu, Inst Nephrology, Southeast Univ, Renal Dept, Nan Jing City, China.

Paediatric nephrology

Chairs: Elena Levetchenko, Leuven, Belgium  
Rezan Topaloglu, Ankara, Turkey

FREE COMMUNICATIONS

- SuO034  
EFFICACY AND SAFETY OF PROTOCOL BIOPSIES FOR SURVEILLANCE OF PEDIATRIC RENAL TRANSPLANT RECIPIENTS
Giulia Fregonese, Germana Longo, Elisa Benetti, Davide Meneghesso, Mattia Parolin, Enrico Vidal, Andrea Carraro, Susanna Negrisolo, Luisa Murer, Univ Hosp Padova, Pediatric Nephrology, Dialysis and Transplant Unit, Women’s and Children’s Health Dept, Padova, Italy.

SuO035  
PEPTIDE BIOMARKER SIGNATURES IN STEROID-RESISTANT NEPHROTIC SYNDROME
Petra Zürbig1, Fatih Ozaltin2, Ali Anarat3, Dusan Paripovic4,5, Alev Yilmaz6, Salim Caliskan7, Augustina Jankauskienė8, Agnes Trautmann9, Harald Mischak1,10, Franz Schaefer9, 1mosaiques diagnostics GmbH, R&D, Hannover, Germany, 2Hacettepe Univ Fac Medicine, Dept Pediatric Nephrology, Ankara, Turkey, 3Cukurova Universitesi, Pediatric Nephrology Dept, Adana, Turkey, 4Univ Belgrade, School Medicine, Belgrade, Serbia, 5Univ Children’s Hosp, Dept Nephrology, Belgrade, Serbia, 6Univ Istanbul, Istanbul Medical Fac, Dept Pediatric Nephrology, Istanbul, Turkey, 7Istanbul Univ, Dept Pediatric Nephrology, Istanbul, Turkey, 8Vilnius Univ Children’s Hosp, Dept Pediatric Nephrology, Vilnius, Lithuania, 9Center Pediatrics and Adolescent Medicine, Heidelberg Univ Hosp, Div Pediatric Nephrology, Heidelberg, Germany, 10Univ Glasgow, Inst Cardiovascular and Medical Sciences, Glasgow, UK.

SuO036  
APOL1 RISK VARIANTS (G1 AND G2) ARE ASSOCIATED WITH RENAL DISEASE IN HIV INFECTED CHILDREN THAN IN APPARENTLY HEALTHY CHILDREN FROM CENTRAL AFRICA
Pepe M. Ekuwu1,2, Dieunuermi K. Betukumesu2, Agathe B. Nkoy2, Michel N. Alon2, Francois B. Lepira3, Bert Lamberts Van Den Heuvel4, Elena Levchenko1, 1KU Leuven, Dept Development and Regeneration, Leuven, Belgium, 2Univ Kinshasa, Pediatrics, Kinshasa, Congo, 3Univ Kinshasa, Internal Medicine/ Nephrology, Kinshasa, Congo.

SuO037  
LONG-TERM OUTCOME IN NEPHROGENIC DIABETES INCIDIDUS
Sonia Sharma1, William van’t Hof2, Robert Kleta3, DG Bichet4, Detlef Bockenhauer5,6, 1Max & PSRI HOSP, Paediatric Nephrology, New Delhi, India, 2Great Ormond Street Hosp Children NHS Foundation Trust, Paediatric Nephrology, London, UK, 3UCL Centre Nephrology and Great Ormond Street, Paediatric Nephrology, London, UK, 4Dept Medicine, Pharmacology and Physiology, Univ Montréal, Medicine, Canada, QC, 5UCL Centre Nephrology, Paediatric Nephrology, London, UK.
**SuO038**

SERUM KLOTHO IS CORRELATED TO CARDIOVASCULAR COMPLICATIONS OF CHRONIC KIDNEY DISEASE IN CHILDREN

Magdalena Okarska-Napierała¹, Piotr Skrzypczyk², Radosław Pietrzak³, Anna Stelmaszczyk-Emmel⁴, Elżbieta Górska⁴, Bożena Werner⁴, Małgorzata Parączyk-Tomaszewska². ¹Medical Univ Warsaw, Dept Pediatrics with Observational Unit, Warsaw, Poland, ²Medical Univ Warsaw, Dept Pediatrics and Nephrology, Warsaw, Poland, ³Medical Univ Warsaw, Dept Pediatric Cardiology and General Pediatrics, Warsaw, Poland, ⁴Medical Univ Warsaw, Dept Lab Diagnostics and Clinical Immunology Developmental Age, Warsaw, Poland.

**SuO039**

THE ROLE OF CONTINUOUS ANTIBIOTIC PROPHYLAXIS IN MILD ISOLATED HYDRONEPHROSIS: A RANDOMIZED CONTROL TRIAL

Pornpimol Rianthavorn, Suratsawadi Phithaklimnuwong, Fac Medicine, Chulalongkorn Univ, Pediatrics, Pathumwan, Thailand.

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**CONGRESS HALL A1**

**12:30 - 14:00**

**Special Session**

**Nephrology Pearls**

**Chair:** Henrik Birn, Aarhus, Denmark

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

- Basic Science and Translational Nephrology
  - Paola Romagnani, Florence, Italy

- Epidemiology and Clinical Nephrology
  - Ziad Massy, Paris, France

- ESRD and Dialysis (HD, PD)
  - Peter J. Blankestijn, Utrecht, The Netherlands

- Kidney Transplantation
  - Daniel Abramowicz, Antwerp, Belgium

- Hypertension and Diabetes
  - Peter Rossing, Gentofte, Denmark
## Industry Sponsored Symposia

### INDUSTRY SPONSORED SYMPOSIA

**Friday, May 25, 2018**

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**Saturday, May 26, 2018**

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<td>C1-M0 Amicus Therapeutics</td>
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Diabetic Kidney Disease: Exploring mechanisms and outcomes of SGLT2 inhibition

Chair: Colin Baigent, Oxford, United Kingdom

SGLT2 inhibition in Kidney Disease: What are the key lessons from the EMPA-REG OUTCOME trial?
Christoph Wanner, Würzburg, Germany

Understanding CKD & SGLT2 inhibition: What are the key mechanisms for benefit?
Per-Henrik Groop, Helsinki, Finland

Addressing the remaining questions on SGLT2 & CKD: A review of new outcome trials
Colin Baigent, Oxford, United Kingdom

Controversies surrounding RAASI treatment and hyperkalaemia in cardio-renal patients

Chair: John Cunningham, London, United Kingdom

Pathophysiology of recurrent hyperkalaemia
Biff F. Palmer, Dallas, U.S.A.

RAASI benefits in slowing down kidney function decline
Laurent Juillard, Lyon, France

New treatment options in hyperkalaemia management
Bertram Pitt, Ann Arbor, U.S.A.

Round-table discussion with Q&A as time allows, and Close (All)
John Cunningham, London, United Kingdom

PACE-CME, funded by an unrestricted educational grant from BOEHRINGER INGELHEIM/LILLY

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
Industry Sponsored Symposia

Friday, May 25, 2018
Auditorium 10-11-12
13:15-14:45

**Expanded Haemodialysis: A Step Closer To Natural Kidneys**

Chair: Claudio Ronco, Vicenza, Italy

Middle molecules: State of the art  
Ziad Massy, Paris, France

Inflammation, heart disease, and large middle molecules: What is the evidence?  
Peter Stenvinkel, Stockholm, Sweden

Expanded Haemodialysis: Translating innovation into clinical solutions  
Claudio Ronco, Vicenza, Italy

Panel discussion and Q&A

Organised by BAXTER HEALTHCARE

**High-volume HDF: Time to shift the renal replacement paradigm and improve patient outcomes**

Chairs: Andrew Davenport, London, United Kingdom  
Peter Blankestijn, Utrecht, The Netherlands

What is the evidence for improved outcomes with high-volume HDF  
Peter Blankestijn, Utrecht, The Netherlands

How to successfully prescribe, implement and achieve high-volume HDF  
Francisco Maduell, Barcelona, Spain

What did we learn about high-volume HDF in high risk patient populations  
Martin Kuhlmann, Berlin, Germany

Organised by FRESENIUS MEDICAL CARE
Industry Sponsored Symposia

Friday, May 25, 2018
Auditorium 15
13:15-14:45

Recent advances in pathophysiology and management of CKD-MBD

Chair: Marianne Rix, Copenhagen, Denmark

New insights into the role of FGF-23 in CKD-MBD and beyond
Marc Vervloet, Amsterdam, The Netherlands

Management of secondary hyperparathyroidism with injectable etelcalcetide
Markus Ketteler, Coburg, Germany

Organised by AMGEN EUROPE

Industry Sponsored Symposia

Friday, May 25, 2018
Congress Hall A3
13:15-14:45

Preventive role of Water in Kidney Pathologies

Chair: Louise Moist, London, Canada

Plasma copeptin as predictor of Cardio-renal disease: population-based prospective cohort studies and a mendelian randomization approach
Sofia Enhörning, Malmö, Sweden

Prevention of Recurrent Acute Uncomplicated Cystitis by Increasing Daily Water in Premenopausal Women: A prospective Randomized Controlled Study
Mariacristina Vecchio, Palaiseau, France

Increase water intake in first stage CKD patients: results of a Randomized Controlled Trial
William F. Clark, London, Canada

Organised by DANONE NUTRICIA RESEARCH
Industry Sponsored Symposia

Friday, May 25, 2018
C1-M3
13:15-14:45

**SGLT2 inhibitors of today for the renal patient of tomorrow – does the future look bright?**

Chair: Mark Cooper, Victoria, Australia

Let's meet the renal patient of today – A changing profile for the future?  
Mark Cooper, Victoria, Australia

SGLT2 inhibitors for our renal patients of today and tomorrow – Does the future look bright?  
David Wheeler, London, United Kingdom

Bringing the pieces together – Understanding the mechanisms of SGLT2 inhibitors  
Peter Rossing, Gentofte, Denmark

Supported by an unrestricted educational grant by ASTRAZENECA PHARMACEUTICALS LP

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**Fabry Disease: From Innovative Diagnosis to sensible therapeutic objectives**

Chair: Christoph Wanner, Würzburg, Germany

Hidden Fabry Disease in ESRD Patients with unknown diagnosis and suggestive signs of Fabry  
Giuseppe Castellano, Bari, Italy

Therapeutic goals in Fabry disease: European expert consensus recommendations based on current clinical evidence  
Alberto Ortiz, Madrid, Spain

Fabry disease under ERT: new insights in efficacy of different dosages  
Malte Lenders, Münster, Germany

Organised by SANOFI GENZYME
Hepatitis C: To Treat or Not to Treat?

Chair: Annette Bruchfeld, Stockholm, Sweden

Chair's Welcome & Opening Remarks
Annette Bruchfeld, Stockholm, Sweden

To Treat or Not to Treat: Benefit to the Patient
Paul Martin, Miami, U.S.A.

To Treat or Not to Treat: Benefit to the Nephrologist
Michel Jadoul, Brussels, Belgium

What's Working: Models of Care
Kevin Chan, Boston, U.S.A.

Questions & Answers / Closing Remarks
Faculty

Organised by MSD

Epigenetics in CKD & CVD: A potential breakthrough therapy?

Chairs: Vincent Brandenburg, Aachen, Germany
Kamyar Kalantar-Zadeh, Irvine, U.S.A.

Cardiovascular disease in diabetes and CKD & residual risk: The promise of epigenetics
Erik Stroes, Amsterdam, The Netherlands

Epigenetics in CKD: Rationale for BET inhibition, an emerging therapeutic mechanism in renal disease and CVD
Louise Nordfors, Stockholm, Sweden

A clinical view on BET inhibition in CKD & CVD: Understanding recent data and future perspectives
Kamyar Kalantar-Zadeh, Irvine, U.S.A.

PACE-CME, funded by an unrestricted educational grant from RESVERLOGIX
Industry Sponsored Symposia

Friday, May 25, 2018
C1-M3
18:45-19:45

**Monitoring early acute tubular kidney injury with the NGAL assay**

Chair: **Nick Selby**, Nottingham, United Kingdom

The value of NGAL testing in cardiac surgery
**Olaf Stanger**, Erding, Germany

NGAL guided diagnosis of acute kidney injury
**Christian Albert**, Potsdam, Germany

Organised by **SIEMENS HEALTHINEERS**

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Industry Sponsored Symposia

Friday, May 25, 2018
C1-M0
18:45-19:45

**Expert Forum - Kidney Transplantation**

Chairs: **Devinder Singh Rana**, New Delhi, India
        **Sankaran Sundar**, Bangalore, India
        **Anil Kumar Bhalla**, New Delhi, India
        **Sanjeev Gulati**, New Delhi, India
        **Abhay Sadre**, Pune, India

Induction agents in kidney transplant
**Raj Kumar Sharma**, Lucknow, India

ATLG usage in India - a single centre experience
**Ashwani Gupta**, New Delhi, India

Approach to ABOi kidney transplant - How we do
**Sishir Gang**, Nadiad, India

Supported by an unrestricted educational grant by **ZYDUS TRANS-IMMUNE (A DIVISION OF CADILA HEALTHCARE)**
Industry Sponsored Symposia

Saturday, May 26, 2018
C1-M3
09:45-10:45

**Apheresis: New intervention strategies**

Chair: **Antonio Santoro**, Bologna, Italy

- Desensitization in AB0 incompatible kidney transplant candidates in order to achieve good long-term outcome
  - **Lionel Rostaing**, Grenoble, France

- Rheopheresis in peripheral artery disease: a therapeutic opportunity
  - **Alfonso Ramunni**, Bari, Italy

- Lipid Apheresis and PCSK9-Antibodies: Complementary or Competitive?
  - **Christoph Wanner**, Würzburg, Germany

Organised by **ASAHI KASEI MEDICAL EUROPE**

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Industry Sponsored Symposia

Saturday, May 26, 2018
C1-M4
09:45-10:45

**Up to Speed with Rapid Disease Progression in ADPKD**

Chair: **Thomas Benzing**, Cologne, Germany

- Welcome and introduction
  - **Thomas Benzing**, Cologne, Germany

- The ERA-EDTA guidelines in clinical practice
  - **Roser Torra**, Barcelona, Spain

- Identifying patients with ADPKD at risk of worsening renal function - The German Experience
  - **Roman-Ulrich Müller**, Cologne, Germany

- Clinical scenarios - a practical approach
  - **Yannick Le Meur**, Brest, France

- Questions, summary and close
  - **Thomas Benzing** (all Faculty will be involved), Cologne, Germany

Organised by **OTSUKA PHARMACEUTICAL EUROPE**
Industry Sponsored Symposia

Saturday, May 26, 2018 09:45-10:45
C1-M0

Long term evidence in CKD: common and uncommon conditions

Chair: Mario Cozzolino, Milan, Italy

Welcome and introduction
Mario Cozzolino, Milan, Italy

Experience and long-term safety data of phosphate binders
Alastair Hutchison, Manchester, United Kingdom

Uncommon: Fabry disease and its treatment
Olivier Devuyst, Zurich, Switzerland

How do we follow up our Fabry patients?
Trond Jenssen, Oslo, Norway

Q&A and close

Organised by SHIRE INTERNATIONAL

Industry Sponsored Symposia

Saturday, May 26, 2018 13:15-14:45
Congress Hall A2

The evolving face of CKD-MBD: can an increased understanding lead to improvements in treatment?

Chair: Tilman Drüke, Amiens, France

Welcome
Tilman Drüke, Amiens, France

Understanding the complexity of CKD-MBD
Pieter Evenepoel, Leuven, Belgium

Using our understanding of the evolution of SHPT to choose the right target at the right time
David Goldsmith, London, United Kingdom

Balancing theoretical targets with practical considerations for phosphate management
Mario Cozzolino, Milan, Italy

Organised by VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA
**Industry Sponsored Symposia**

**Novel Applications of Remote Patient Management (RPM) to Improve Outcomes in Peritoneal Dialysis**

Chair: James Heaf, Roskilde, Denmark

- Identification of catheter dysfunction using automated peritoneal dialysis cycler-embedded remote patient management: Impact on the success of therapy
  
  Valérie Jotterand Drepper, Geneva, Switzerland

- Potential role of remote patient management in the early detection of peritonitis
  
  Ramón Paniagua, Mexico City, Mexico

- Clinic efficiencies afforded using remote patient management in the peritoneal dialysis unit
  
  Carlo Crepaldi, Vicenza, Italy

Panel discussion and Q&A

Organised by **BAXTER HEALTHCARE**

**Thrombotic microangiopathy: Navigating the storm**

Chair: Hermann Haller, Hannover, Germany

- Clinical perspectives
  
  1) Assessment of TMA: a clinical storm
  2) Differential diagnosis: which way is the wind blowing?
  3) Treatment and monitoring: is there calm after the storm?

Fadi Fakhouri, Nantes, France

Neil Sheerin, Newcastle upon Tyne, United Kingdom

Hermann Haller, Hannover, Germany

Interactive discussion

Organised by **ALEXION PHARMACEUTICALS**
Industry Sponsored Symposia

Challenges in dialysis

Saturday, May 26, 2018      13:15-14:45
Auditorium 15

Chair: Martin Kuhlmann, Berlin, Germany

Malnutrition in dialysis – under-recognized and under-treated problem?
Denis Fouque, Lyon, France

Single-needle indications and requirements today
Raymond Vanholder, Ghent, Belgium

Hemodialysis in the elderly – a challenge in the 21st century
Giuliano Brunori, Trento, Italy

Organised by B. BRAUN AVITUM

Innovations in CKD: Can K⁺ Binders and HIF Stabilisers Improve Mr Andersen’s Life?

Saturday, May 26, 2018      13:15-14:45
Congress Hall A3

Chair: Biff Palmer, Dallas, U.S.A.

Chair’s introduction: Let’s Meet Mr Andersen
Biff Palmer, Dallas, U.S.A.

Is there new hope for managing Mr Andersen’s hyperkalaemia?
Roberto Pecoits-Filho, Curitiba, Brazil

Can we treat Mr Andersen’s anaemia without increasing cardiovascular risk?
Iain Macdougall, London, United Kingdom

Will these innovations improve Mr Andersen’s and other patients’ lives?
Faculty

Supported by an unrestricted educational grant by ASTRAZENECA PHARMACEUTICALS LP
Industry Sponsored Symposia

Saturday, May 26, 2018
C1-M3
13:15-14:45

Clinical Considerations of Plasma Exchange

Chair: Jan T. Kielstein, Braunschweig, Germany

Centrifugal Therapeutic Plasma Exchange (TPE) vs. membrane TPE
Jan T. Kielstein, Braunschweig, Germany

Anticoagulant management in therapeutic plasma exchange
Miguel Lozano, Barcelona, Spain

Vascular Access: multiple options and single needle
Paolo Malvezzi, Grenoble, France

Organised by TERUMO BCT

Complex Patients May Be Better Treated with Frequent HD: A Review and Comparison of Published Evidence and Recent European Experience

Chair: Mari Vilpakka, Lahti, Finland

Prescribing frequent HD: addressing unmet needs in dialysis
Allan Collins, Minneapolis, U.S.A.

Managing hemodynamic instability: improving blood pressure, cardiac stability and intra-dialytic tolerability
Natalie Borman, Portsmouth, United Kingdom

Managing complex cases: prescribing improved outcomes with obese and pregnant patients
Maxence Ficheux, Caen, France

More frequent home HD and palliative care: is it time for a paradigm shift?
Sunita Nair, Shrewsbury, United Kingdom

Organised by NXSTAGE MEDICAL
Targeting intestinal phosphate absorption - A new therapeutic approach for control of hyperphosphatemia

Chair: Markus Ketteler, Coburg, Germany

New insights in the physiological and pharmacological modulation of intestinal phosphate absorption
Carsten Wagner, Zurich, Switzerland

Results of the NOPHOS study-Combination of nicotinamide & phosphate binders: A new approach for the treatment of therapy resistant hyperphosphatemia in patients with end stage renal disease
Andrzej Więcek, Katowice, Poland

Organised by MEDICE ARZNEIMITTEL PÜTTER

Recent advances in the diagnosis, treatment and follow-up of renal involvement in Fabry disease

Chair: Ulla Feldt-Rasmussen, Copenhagen, Denmark

Overview of migalastat ▼ phase three clinical trials with an emphasis on renal data
Daniel Bichet, Montreal, Canada

Quantitative unbiased electron microscopic morphometric methods in evaluating kidney pathology in Fabry disease
Behzad Najafian, Seattle, U.S.A.

The role of renal biopsies in the diagnosis and follow-up of Fabry disease
Camilla Tøndel, Bergen, Norway

Organised by AMICUS THERAPEUTICS