

Belgian Society of Nephrology

Hybrid Annual Meeting | Living Tomorrow

Tuesday May 24, 2022

Preliminary program

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12h00—13h20 Lunch | Registration

13h20—13h30 Welcome by the president | Prof. dr. K. Claes

Translational Research

CHAIR: *** | ***

13h30—13h40 Active immunological participation and metabolic shutdown of kidney structural cells during kidney transplant rejection.

E. Van Loon, J. Callemeyn, B. Lamarthée, P. Koshy, A. Franken, T. Van Brussel, D. Lambrechts, A. Senev, T. Vauvet, M. Naesens

13h40—13h50 Chronic kidney disease induces endotoxin-related activation of the innate immune system.

S. Dejongh, M. Lauriola, P. Evenepoel, R. Farré, B. Meijers

13h50—14h00 Clinical validation of automated urinary chemokine assays for non-invasive detection of kidney transplant rejection: a prospective cohort study.

E. Van Loon, C. Tinel, H. de Loor, X. Bossuyt, J. Callemeyn, M. Coemans, K. De Vusser, V. Sauvaget, J. Olivre, P. Koshy, D. Kuypers, B. Sprangers, A. Van Craenenbroeck, T. Vauvet, D. Anglicheau, M. Naesens

Experimental Research

CHAIR: *** | ***

14h00—14h10 Contralateral Nephrectomy AFTER AKI leads to Full functional recovery by stimulating epithelial progenitor proliferation whilst inhibitinG enDocycling-related hypertrophy.

L. Moonen, E. Lazzeri, A.J. Peired, C. Conte, P. D'Haese, P. Romagnani, B. Vervaet

14h10—14h20 The potential of CTNS-mRNA based gene replacement therapy to treat nephropathic cystinosis.

T. Bondue, S. Princiero Berlingero, S. Cairoli, B.M. Goffredo, R. Gijsbers, L. van den Heuvel, R. Brock, E. Levchenko

14h20—14h30 Chronic dehydration induces injury pathways, but does not mimic histopathology of Chronic Interstitial Nephritis in Agricultural Communities in rats.

G. Schreurs, S. Maudsley, C. Nast, M. Praet, S. Da Silva Fernandes, P. D'Haese, M. De Broe, B. Vervaet

14h30—14h40 The Effect of Protein Intake on the Tubular Handling of the Uremic Retention Solute Indoxyl Sulfate.

M. Lauriola, S. Dejongh, R. Farré, K. Verbeke, B. Meijers

14h40—14h50 Recovering impaired cell adhesion in cystinosis podocytes: a new therapeutic strategy?

S. Princiero Berlingero, S. Tassinari, T. Bondue, M. Fransen, B. Bussolati, L. van den Heuvel, E. Levchenko

Mini oral presentations | Part I

CHAIR: *** | ***

14h50—14h53 Dietary advanced glycation end products in an elderly population with diabetic nephropathy: an exploratory investigation.

M. Steenbeke, I. De Decker, S. Marchand, G. Glorieux, W. Van Biesen, B. Lapauw, J. Delanghe, M. Speeckaert

14h53—14h56 Cyclosporine A and Paraquat induce lysosomal deacidification in proximal tubular cells in vitro.

S. da Silva Fernandes, D. Polling, G. Schreurs, M. de Broe, B. Vervaet

14h56—14h59 Cell-free hemoglobin as a possible contributing factor in Apolipoprotein L1-mediated sickle cell nephropathy.

O. C. Adebayo, C. Cheng, P. Ekulu, L. Van den Heuvel, E. Levchenko, V. Labarque

14h59—15h02 Characterization of the impact of kidney-centered radiotherapy in mice.

S. GU, L. Poma, B. Khbouz, F. Jouret

15h02—15h05 Gemcitabine-induced thrombotic microangiopathy treated with eculizumab: a case report.

L. Van den Eeckhaut, H. Hannon, M. Schurgers, K. Claes

15h05—15h08 Concordance between histopathological and nephrological diagnoses in biopsied native kidney disease in Flemish children.

D. Deleersnijder, N. Knops, M. Couttenye, A. De Vriese, T. Dejagere, J. De Meester, A. Dendooven, M. Helbert, R. Hellemans, S. Karamaria, P. Koshy, W. Laurens, E. Lerut, E. Levchenko, B Mae, R. Mael, G. Meeus, L. Pipeleers, D. Trouet, A. Van Craenenbroeck, K. Van Hoeck, S. Van Laecke, J. Vande Walle, B Sprangers on behalf of the FCGG collaborative group.

15h08—15h11 Using Routinely Collected Data to Define the Optimal Timing to Initiate Renal Replacement Therapy in AKI Patients.

P. Morzywołek, J. Steen, S. Vansteelandt, J. Decruyenaere, W. Van Biesen

15h11—16h00 BREAK + possibility to 'meet' the sponsors

Belgian Society of Nephrology

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16h00—16h30 Keynote lecture

CHAIR: *** | ***

What should we know about the last eGFR equations without "race"?

Prof. dr. Pierre Delanaye / Université de Liège

Case Reports

CHAIR: *** | ***

- 16h30—16h40 Underneath pruritus: a rare case of severe bullous pemphigoid secondary to catheter placement in hemodialysis.
L. Jacobs, F. Feoli, P. Bruderer, S. Top, I. Grozdev, E. Cubilier, J. Nortier, F. Collart
- 16h40—16h50 Atypical hemolytic uremic syndrome occurring after booster injection with mRNA-1273 Moderna vaccine.
K. Claes, I. Geerts, W. Lemahieu, A. Wilmer, D. Kuypers, P. Koshy, S. Ombelet

Clinical Research

CHAIR: *** | ***

- 16h50—17h00 Optimised anticoagulation strategy in prolonged haemodialysis.
F. Vanommeslaeghe, R. Thielemans, I. Josipovic, F. De Somer, K. Devreese, M. Boone, W. Van Biesen, S. Eloot
- 17h00—17h10 ILLUMINATE-C, a single-arm, phase 3 study of lumasiran in patients with primary hyperoxaluria type 1 and CKD3b-5, including those on hemodialysis.
A. Devresse, M. Michael, J. Groothoff, H. Shasha-Lavsky, J. Lieske, Y. Frishberg, E. Simkova, A.L. Sellier-Leclerc, F. Guebre-Egziabher, S.A. Bakkaloglu, C. Mourani, R. Saqan, R. Singer, R. Willey, B. Habtemariam, I. Bhan, T. McGregor, D. Magen
- 17h10—17h20 eGFR equations in young ADPKD patients: one or the other?
P. Schellekens, M. Verjans, A. Dachy, P. Janssens, S. De Rechter, L. Breysem, K. Allegaert, B. Bammens, R. Vennekens, P. Vermeersch, H. Pottel, D. Mekahli
- 17h20—17h30 Definition of acute kidney injury in obese COVID-19 patients, adjust to be ideal?
J. Dillemans, H. Schaubroeck, W. Vandenbergh, E. Hoste
- 17h30—17h40 Worldwide current trends for the diagnosis of children with autosomal dominant polycystic kidney disease: feedback from the ADPedKD Registry.
A. Dachy, S. De Rechter, ADPedKD consortium, D. Mekahli

Mini oral presentations | Part II

CHAIR: *** | ***

- 17h40—17h43 Benchmarking evidence on optimal timing of RRT based on routinely collected health data by comparing RCTs and their observational emulations: a long and winding road.
J. Steen, S. Vansteelandt, J. Decruyenaere, W. Van Biesen
- 17h43—17h46 Seroconversion rate after primary vaccination with two doses of BNT162b2 versus mRNA-1273 in solid organ transplant recipients: a systematic review and meta-analysis.
A Verleye, V. Wijtviert, S. Abrams, R. Hellemans, R. Bougrea, A. Massart, L. Pipeleers, K.M. Wissing, K. Ariën, B. De Winter, P. Van Damme, D. Abramowicz, K. Ledeganck
- 17h46—17h49 Follow-up of acute kidney injury in critical COVID-19 patients: a single-centre retrospective analysis.
E. Acx, H. Schaubroeck, W. Vandenbergh, E. Hoste
- 17h49—17h52 Is Pulmonary Congestion related to Cardiac Markers in Hemodialysis?
S. Kaysi, B. Pacha, A. Oullai, J. Nortier, F. Collart
- 17h52—17h55 Comparison of clinical performance of Vectorflow and Glidepath symmetric-tip hemodialysis catheters: a single-center, randomized trial.
P. Braet, K. De Vusser, G. Maleux
- 17h55—17h58 Two phase III trials evaluating crovalimab in patients with atypica haemolytic uraemic syndrome (aHUS): commute-a and commute-p.
K. Claes, N. Sheerin, L. Greenbaum, S. Ito, C. Loirat, S. Maruyama, M. Zhao, K. Benkali, C. Pieterse, M. Shah, A. Sostelly, S. Sreckovic, F. Fakhouri
- 17h58—18h01 Multifactorial benefit of the patient partnership during the clinical follow-up of patients with chronic kidney disease.
A. Schreyers, A. Néron, A. Le Moine, J. Nortier

18h01—18h10 Closing remarks | awards and farewell

18h10—18h25 General Assembly BVN-SBN members