

## Programma 81<sup>e</sup> wetenschappelijke symposium van de NfN

### Datum

Vrijdag, 5 oktober 2007

### Locatie

Hubrecht Laboratorium, Utrecht

### Programma

**09.30-10.00**    **Ontvangst met koffie en thee**

10.00-10.30    **Is transplantaatrejectie te voorspellen met cellulaire assays?**

Prof. dr. R.J.M. ten Berge, Dept. of Internal Medicine, AMC, Amsterdam

10.30-10.42    **O1. An early biomarker of acute rejection after renal transplantation detectable in urine**

*S. Marieke van Ham<sup>1</sup>, Merel C M Strik<sup>1</sup>, Kirstin M Heutinck<sup>2</sup>, Tineke Jorritsma<sup>1</sup>, Ester Remmerswaal<sup>2</sup>, Si-La Yong<sup>2</sup>, Ineke JM ten Berge<sup>3</sup>, Ajda T Rowshani<sup>3</sup>*

<sup>1</sup> Sanquin Research at CLB, <sup>2</sup> AMC, Experimental Immunology, <sup>3</sup> AMC, Nephrology

10.42-10.54    **O2. Mutations in the gene encoding the basal body protein RPGRIP1L, a novel nephrocystin-4 interactor, cause Joubert syndrome**

*H.H. Arts<sup>1</sup>, D. Doherty<sup>2</sup>, S.E.C. van Beersum<sup>1</sup>, M. Paris<sup>2</sup>, S.J.F. Letteboer<sup>1</sup>, N.T. Gordon<sup>2</sup>, T.A. Peters<sup>1</sup>, T. Märker<sup>3</sup>, U. Wolfrum<sup>3</sup>, I.A. Glass<sup>2</sup>, R. Roepman<sup>1</sup>, N.V.A.M. Knoers<sup>3</sup>*

<sup>1</sup> Radboud University, Nijmegen, <sup>2</sup> University of Washington, Seattle, <sup>3</sup> Johannes Gutenberg University, Mainz

10.54-11.06    **O3. A cyclophosphamide-based treatment strategy reduces the risk of ESRD in patients with idiopathic Membranous Nephropathy. A Nationwide Survey in the Netherlands**

*J.M.Hofstra<sup>1</sup>, F.Th. de Charro<sup>2</sup>, J.F.M.Wetzels<sup>1</sup>*

<sup>1</sup> UMCN St Radboud, Nijmegen, <sup>2</sup> RENINE, Rotterdam

11.06-11.18    **O4. Beta-2-microglobulin is superior to N-acetyl-beta-glucosaminidase in predicting prognosis in idiopathic membranous nephropathy**

*J.M.Hofstra<sup>1</sup>, J.K.J. Deegens<sup>1</sup>, J.L.Willems<sup>2</sup>, J.F.M.Wetzels<sup>1</sup>*

<sup>1</sup> Nierziekten, UMCN St Radboud, Nijmegen, <sup>2</sup> Klinische chemie, UMCN St Radboud

11.18-11.30    **O5. Systemically administered hematopoietic stem cells migrate to ischemic damaged kidney independent of the SDF-1alpha/CXCR4-axis**

*I. Stroo, G. Stokman, G.J. Teske, S. Florquin, J.C. Leemans*

Dept. Pathology, AMC Amsterdam

11.42-11.54    **O6. Depletion of NO availability during experimental chronic kidney disease causes permanent cardiac dysfunction**

*L.G. Bongartz<sup>1</sup>, S. Snoeijs<sup>1</sup>, M.C. Verhaar<sup>2</sup>, C.A. Gaillard<sup>3</sup>, B. Braam<sup>4</sup>, P.A.*

*Doevendans<sup>5</sup>, M.J. Cramer<sup>5</sup>, J.A. Joles<sup>1</sup>*

<sup>1</sup> Nephrology & Hypertension, UMC Utrecht, <sup>2</sup> Vascular Medicine, UMC Utrecht,

<sup>3</sup> Nephrology, Meander Med. Center, <sup>4</sup> Nephrology, Univ. Alberta, Edmonton, CA,

<sup>5</sup> Cardiology, HLI, UMC Utrecht

11.54-12.06    **O7. Long-term adaptation of renal function is preserved after kidney donation in older donors**

*M. Rook, H. Tent, C. Vrijman, S. Hofker, W. v. Son, J. Homan v.d. Heide, R. Ploeg, G. Navis*

Univ. Medical Center Groningen

12.06-13.30 Lunch en gelegenheid voor het bekijken van de posters

13.00-13.20 Simultane postersessies A-D

#### Postersessie A

Voorzitters: F. Visser, J. Nauta

##### **P1. Is actigraphy a valid alternative to PSG for sleep measures in hemodialysis patients?**

*BCP Koch<sup>1</sup>, EC Hagen<sup>2</sup>, JE Nagtegaal<sup>1</sup>, JBS Boringa<sup>3</sup>, GA Kerkhof<sup>4</sup>, PM ter Wee<sup>5</sup>*

<sup>1</sup> Clinical Pharmacy, Meander MC, <sup>2</sup> Internal Medicine, Meander MC, <sup>3</sup> Neurology, Meander MC, <sup>4</sup> Psychology, UvA, <sup>5</sup> Nephrology, VUmc

##### **P2. Influence of the preceding dwell time on the peritoneal equilibration test with 3.86% glucose in automated peritoneal dialysis**

*T.T. Cnossen<sup>1</sup>, C.H. Beerenhout<sup>2</sup>, C.J.A.M. Konings<sup>3</sup>, J.P. Kooman<sup>1</sup>, W. Smit<sup>4</sup>*

<sup>1</sup> University Hospital Maastricht, <sup>2</sup> Maxima Medical Centre Veldhoven, <sup>3</sup> Catharina Hospital Eindhoven, <sup>4</sup> Dianet Dialysis Centre Amsterdam

##### **P3. A new and cost-effective strategy to implement the K-DOQI guidelines on CKD-MBD at the hemodialysis unit**

*B. van Dam, Y.W.J. Sijpkens, A.J. Rabelink*

Leiden University Medical Center

##### **P4. Design of the ICD2 study: A prospective randomized controlled trial to evaluate the prevention of sudden cardiac death using implantable cardioverter defibrillators in dialysis patients.**

*B. van Dam<sup>1</sup>, J.C. Lekkerkerker<sup>2</sup>, J.J. Bax<sup>2</sup>, M. van Buren<sup>3</sup>, L. van Erven<sup>2</sup>, H. Putter<sup>4</sup>, A.J. Rabelink<sup>1</sup>, M.J. Schali<sup>2</sup>, W. Jukema<sup>2</sup>*

<sup>1</sup> Department of Nephrology, LUMC, <sup>2</sup> Department of Cardiology, LUMC, <sup>3</sup> Haga Hospital, The Hague, <sup>4</sup> Department of Medical Statistics, LUMC

#### Postersessie B

Voorzitters: I. Stroo, J. van der Vlag

##### **P5. Anemia is an independent predictor of death-censored graft loss in kidney transplant recipients**

*G Monteferrante, SJ Sinkeler, MA Seelen, JJ H van der Heide, GJ Navis*

Nephrology department UMCG

##### **P6. Kidney transplant patients with ATN have low numbers of circulating CD34+ cells compared to complication-free patients**

*M. Boersema<sup>1</sup>, M. Slagman<sup>1</sup>, M.J.A. van Luyn<sup>1</sup>, M.C. Harmsen<sup>1</sup>, W. van Son<sup>2</sup>, E. Popa<sup>1</sup>*

<sup>1</sup> Medical Biology Section, UMCG, Groningen, <sup>2</sup> Dept. of Nephrology, UMCG, Groningen

##### **P7. Differences in DNA methylation between rat strains after renal ischemia-reperfusion injury**

*J.Kamilic<sup>1</sup>, R. Korstanje<sup>1</sup>, M. Karim<sup>2</sup>, S. Stenveld<sup>1</sup>, G. Navis<sup>4</sup>, H. van Goor<sup>1</sup>, T. Ekstrom<sup>2</sup>, M. Schalling<sup>3</sup>*

<sup>1</sup> Pathology and Laboratory Medicine, UMCG, <sup>2</sup> Clinical Neuroscience, Karolinska Inst., <sup>3</sup> Molecular Medicine, Karolinska Inst., <sup>4</sup> Nephrology Department, UMCG

#### Postersessie C

Voorzitters: L. Bongartz, L. Hilbrands

##### **P8. Can mass screening for albuminuria identify subjects at increased risk of need for renal replacement therapy?**

*M. van der Velde<sup>1</sup>, S. Beukema<sup>1</sup>, F.Th. de Charro<sup>2</sup>, S.J.L. Bakker<sup>1</sup>, D. de Zeeuw<sup>1</sup>, P.E. de Jong<sup>1</sup>, R.T. Gansevoort<sup>1</sup>*

<sup>1</sup> UMC Groningen, the Netherlands, <sup>2</sup> RENINE, Rotterdam, the Netherlands

##### **P9. High protein intake in the general population is associated with increased risk for cardiovascular events, but not with a decline in renal function.**

*N. Halbesma, S.J.L. Bakker, D.F. Jansen, R.P. Stolk, D. de Zeeuw, P.E. de Jong, R.T. Gansevoort*

UMCG, Groningen, The Netherlands

**P10. Baseline albuminuria predicts the efficacy of antihypertensives in prevention of cardiovascular events**

*C. Boersma<sup>1</sup>, M.J. Postma<sup>1</sup>, S.T. Visser<sup>1</sup>, J. Atthobari<sup>1</sup>, P.E. de Jong<sup>2</sup>, L.T.W. de Jong-van den Berg<sup>1</sup>, R.T. Gansevoort<sup>2</sup>*

<sup>1</sup> University of Groningen, <sup>2</sup> University Medical Center Groningen

**Postersessie D**

Voorzitters: E. Augustus, H. van Goor

**P11. Dendritic Cells in ANCA-associated Vasculitis**

*B. Wilde<sup>1,2</sup>, P. van Paassen<sup>1</sup>, J. Damoiseaux<sup>1</sup>, P. Heerings-Rewinkel<sup>1</sup>, H. van Rie<sup>1</sup>, O. Witzke<sup>2</sup>, J.W. Cohen Tervaert<sup>1</sup>*

<sup>1</sup> Dept. of Clinical and Experimental Immunology, University Hospital Maastricht, The Netherlands, <sup>2</sup> Department of Nephrology, University Hospital Essen, Germany

**P12. The renal transcriptome in spontaneously hypertensive rats from birth to old age: the search for transcription factor candidates for each phase of development**

*S. Wesseling<sup>1</sup>, J.A. Joles<sup>1</sup>, M.P. Koeners<sup>1</sup>, H.A. Koomans<sup>1</sup>, B. Braam<sup>2</sup>*

<sup>1</sup> UMC Utrecht, <sup>2</sup> University of Alberta Hospital

**P13. SIGIRR does not suppress TLR-mediated renal inflammation and dysfunction following early ischemia/reperfusion injury**

*W.P.C. Pulskens<sup>1</sup>, G.J.D. Teske<sup>1</sup>, A. Mantovan<sup>2</sup>, S. Florquin<sup>1</sup>, J.C. Leemans<sup>1</sup>*

<sup>1</sup> Dept. of Pathology, AMC Amsterdam, <sup>2</sup> Mario Negri Institute, Milan, Italy

13.30-13.35 **Mededelingen NIER**

13.35-14.05 **Positron emission tomography: principles and applications**

Prof. dr. A.A. Lammertsma, Dept. of Nuclear Medicine, VUMC, Amsterdam

14.05-14.17 **O8. Myocardial perfusion falls during hemodialysis**

*J.J. Dasselaaar, R.H.J.A. Start, M. Knip, J. Pruijm, R.A. Tio, P.E. de Jong, R.M. Huisman, C.F.M. Franssen*

University Medical Center Groningen

14.17-14.29 **O9. Complement activation by tubular cells is mediated by properdin binding**

*E.M. Gaarkeuken, M.A. Siezenga, C. van Kooten, T.J. Rabelink, M.R. Daha, S.P. Berger*

Leiden University Medical Center

14.29-14.41 **O10. Simultaneous assessment of Extracellular Volume and Glomerular Filtration Rate by the constant infusion method of 125I-iothalamate**

*F.W. Visser, J.H.J. Muntinga, R.A. Dierckx, G.J. Navis*

University Medical Centre Groningen

14.41-14.53 **O11. A Novel high efficient bio-assay to monitor microbiological purity of dialysis fluids.**

*G. Glorieux<sup>1</sup>, E. Schepers<sup>1</sup>, R. Schindler<sup>2</sup>, F. Verbeke<sup>1</sup>, N. Lameire<sup>1</sup>, R. Vanholder<sup>1</sup>*

<sup>1</sup> Univ Hospital Gent, Renal Div., Belgium, <sup>2</sup> Charité-Virchow-Klinik, Berlin, Germany

14.53-15.05 **O12. Histological examination of kidneys from old non-heart-beating donors before implantation**

*M.G.J. Snoeijs<sup>1</sup>, W.A. Buurman<sup>1</sup>, M.H. Christiaans<sup>2</sup>, J.P. Van Hooff<sup>2</sup>, R.J. van Suylen<sup>3</sup>, R. Goldschmeding<sup>4</sup>, L.W.E. van Heurn<sup>1</sup>, C.J. Peutz-Kootstra<sup>3</sup>*

<sup>1</sup> Dept of Surgery, Maastricht, <sup>2</sup> Dept of Nephrology, Maastricht, <sup>3</sup> Dept of Pathology, Maastricht, <sup>4</sup> Dept of Pathology, Utrecht

- 15.05-15.17 **O13. Immunological monitoring of renal transplant recipients to predict acute allograft rejection following the discontinuation of tacrolimus.**  
*E. Kreijveld, H. Koenen, B. v. Cranenbroek, E. v. Rijssen, I. Joosten, L. Hilbrands*  
Radboud Univ. Nijmegen Medical Center
- 15.17-15.20 **Uitreiking prijs voor beste presentatie**
- 15.20-16.00 **Huishoudelijke algemene vergadering van de NFN**