MEDICAL SCIENCES SPRING SCHOOL

International Research Training Group 1874/1 Diabetic Microvascular Complications

Dates: March 24 – 27, 2015

Locations: - University Medical Center Groningen, Hanzeplein 1, Groningen
- Van Swinderen Huys, Oude Boteringestraat 19, Groningen

Theme: What is happening in Groningen!?

Local Organizing Committee: Prof. dr. Han Moshage
Prof. dr. Jan-Luuk Hillebrands
Dr. Guido Krenning
Drs. Barbara Slothouber
Mw. Denies Margry
Mw. Else Huis in ’t Veld

Student Committee: Mr. Pim van de Donk
Mr. Jilles Jan van Drooge
Ms. Eline Heida
Ms. Anneke Visser
PROGRAM

TUESDAY MARCH 24, 2015

GREETING TO PARTICIPANTS

Location: Het Heerenhuis, Spilsluizen 9, Groningen

17.00 Arrival at Simplon Youth Hotel / University Hotel
17.30 Walk to Het Heerenhuis
17.45 - 18.00 Welcome by Prof. dr. Jan-Luuk Hillebrands & Dr. Guido Krenning
18.00 - 20.00 Dinner
20.00 Social program by the Student Committee

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WEDNESDAY MARCH 25 [Van Swinderen Huys, Oude Boteringestraat 19, Groningen]

PLENARY SYMPOSIUM: MEET THE UMCG

Location Van Swinderen Huys

Chairs: Prof. dr. Jan-Luuk Hillebrands and Dr. Guido Krenning

09:00 – 09.10 Prof. dr. Han Moshage, Spokesperson GRK 1874 DIAMICOM
Opening

09.10 – 09.30 Dr. Martin Smit, Director Graduate School Medical Sciences (GSMS), University of Groningen
“Research: The Groningen Experience”

IMAGING IN THE UMCG

9:30 – 10:00 Dr. Ben Giepmans, Dept. Cell Biology, UMCG, Groningen
“Islet maps during type 1 diabetes”

10:00 – 10:30 Prof. dr. Go van Dam, Dept. Surgery, UMCG, Groningen
“Optical imaging: an example of multidisciplinary research leading from bench-to-bedside”

10:30 – 11:00 Prof. dr. Andries Smit, Dept. Internal Medicine, UMCG /DiagnOptics, Groningen
“Optical assessment of tissue AGE as a window to predict diabetic complications”
11:00 — 11:30  Tea/Coffee

DRUG TARGETING

11:30 – 12:00  Dr. Jan Kamps, Dept. Pathology and Medical Biology, UMCG, Groningen
“Targeted lipid-based drug carriers to modulate endothelial cell activation in inflammation”

12:00 – 12:30  Prof. dr. Klaas Poelstra, Dept. Pharmacokinetics and Drug Delivery, University of Groningen
“Drug targeting to the fibrotic liver”

12:30 — 13:30  Lunch

CLINICAL STUDIES IN THE UMCG

13:30 – 14:00  Drs. Judith Aris, LifeLines, UMCG, Groningen
“The LifeLines cohort study: research opportunities”

14:00 – 14:30  Dr. Hiddo Lambert-Heerspink, Dept. Clinical Pharmacy & Pharmacology, UMCG, Groningen
“New renoprotective treatment strategies for diabetic nephropathy beyond the renin-angiotensin-aldosterone-system”

14:30 – 15:00  Concluding remarks & closing of the symposium

15:00 – 18.00  Social program by the Student Committee

18:00 - 20:00  Dinner

20:00  Social program by the Student Committee

Thursday March 26 [Van Swinderen Huys, Oude Boteringestraat 19, Groningen]

Theme: FROM DRAFT TO PUBLICATION - SELLING YOUR RESEARCH BY WRITING

Location: Van Swinderen Huys

08:45 – 09:00  General introduction to the topic of the day by Dr. Eliane Popa

09:00 – 10:30  Dr. Eliane Popa, Dept. Pathology and Medical Biology, UMCG, Groningen
“Scientific Writing, Part 1”

10:30 — 11:00  Tea/Coffee

11:00 – 13:00  Dr. Eliane Popa, Dept. Pathology and Medical Biology, UMCG, Groningen
“Scientific Writing, Part 2”
13:00 -14:00 Lunch

Location: University Medical Center Groningen, Hanzeplein 1, Groningen

14.00 – 17.00 Demonstrations
- Central Animal Facility (CDP) – Annemieke Smit-van Oosten
- UMCG Microscopy and Imaging Center (UMIC) – Klaas Sjollema

17:00 – 19.00 “Meet your PI”, speed dating for scientists

19.00 – 21.00 Dinner

21.00 Social program by the Student Committee

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FRIDAY MARCH 27 [UMCG, Hanzeplein 1, Groningen]

THEME: NEW OPPORTUNITIES FROM MANNHEIM—HEIDELBERG

Location: UMCG, Tranverseaal, Hanzeplein 1, Groningen

Chair: Prof. dr. Hans Peter Hammes

08:50 – 09.00 Prof. dr. Hans Peter Hammes, Spokesperson GRK 1874 DIAMICOM
Opening

09:00 – 09:30 Dr. Karin Bieback, Transfusion Medicine and Immunology, Medical Faculty Mannheim, University of Heidelberg, Germany.
“Dissecting the immune regulatory properties of mesenchymal stem cells for treatment of diabetic complications”

09:30 – 10:00 Dr. Marc Freichel, Dept. Pharmacology, University of Heidelberg, Germany.
“The role of cation channels and their regulators for nephropathy and retinopathy in the STZ model of chronic hyperglycemia”

10:00 – 10:30 Prof. dr. Sigrid Hoffmann, Medical Research Center, Medical Faculty Mannheim, University of Heidelberg, Germany.
“Podocytes mitochondrial dysfunction in diabetic nephropathy – role of podocyte selective Ang II receptor signaling”

10:30 – 11.00 Tea / Coffee

11:00 – 11:30 Prof. dr. Jonathan Sleeman, Centre for Biomedicine and Medical Technology Mannheim (CBTM), Medical Faculty Mannheim, University of Heidelberg, Germany.
“The contribution of hyperglycemia-induced modification of hyaluronan metabolism to microvascular diabetic complications”
11:30 – 12:00  Dr. Katja Breitkopf, Molecular Hepatology, Medical Faculty Mannheim, University of Heidelberg, Germany.
“Invesigation of BMP-9 as potentially protective factor in high-glucose mediated disruption of microvasclar endothelial cell barrier”

12:00 – 13:00  Tour de UMCG

**13:00 – 14:00**  Lunch

14:00 – 14:30  Wrap-up Spring School

14:30  Farewell Spring School participants