

**Cardiorenal Winter School
of the graduate schools SFB TRR219 IRTG & Marie-Curie ITNs CaReSyAn &
INTRICARE**

Functional analyses of kidney-heart crosstalk

5-6 February 2020

Venue

Lufthansa Konferenzhotel in Seeheim (<http://www.lh-seeheim.de/de/hotel/>)

05.02.20 Wednesday

11.30-13.00 Arrival and Lunch, hang up posters

13.15-13:30 **Welcome** (brief overview of the program)
*Dr. Claudia Goettsch (SFB), Dr. Heidi Noels (CaReSyAn) and Prof.
Jahnen-Dechent (INTRICARE)*

Chairs: Sebastian Maxeiner & Anne Babler

13:30-14:15 **Analyses of pathological mechanisms and organ function:
approaches within our own consortia**

13:30-13:45 Vascular reactivity: small vessel myography,
Sam Hobson (KI)

13:45-14:00 Vascular reactivity: rat kidney perfusion,
Christian Hemmers (UKA)

14:00-14.15 Mitochondrial stress analysis,
Julia Möllman (UKA)

14:15-14:55 **Animal models of chronic kidney disease & the cardiorenal
syndrome**

14:15-14:35 Dr. Dickson Wong (UKA) – Mouse models of disease

14:35-14:55 Dr. Mathias Hohl (USAAR) – Rat models of disease

14:55-15:15 **Cutting edge technology I**

14:55-15:15 Mass spectrometry imaging
Prof. Joachim Jankowski (UKA)

15:15-15:45 Coffee Break and Check-in

15:45 – 18:00 **Poster presentation/discussion in 4 groups**

Chair: tbd

Chairs: XXX

18:00-19:20 **Cutting edge technology II**
18:00-18:20 Single cell RNA sequencing
Rafael Kramann (UKA)
18:20-18:40 Insights into calcium signaling
Barbara Niemeyer (USAAR)
18:40-19:00 Methodological aspects of molecular imaging using
PET and PET-CT
Prof. Felix Mottaghy (UKA)
19:00-19:20 Protein-protein interaction - Biacore
Dr. Emiel Vandervorst (UKA)

19:20-19:30 **Announcements of poster presentation finalists**

From 19:30 **Dinner & networking**

06.02.20 Thursday

7.00-8.00 **Breakfast**

08:00-08:45 **Poster presentation by the four finalists** (each 10')

08:45-11:45 **Early career program**
*Working in four groups around the topics of the keynote speakers;
presentation using flip chart & keynote lecture discussion points*

Coffee Break

11:45-12:00 **Award ceremony for best poster presentation**

12:00-13:00 **Developing a Research Career – International trends &
individual challenges**
Dr. Beate Scholz

13:00-14:15 **Lunch *with opportunity for discussion with Dr. Scholz***

END of Cardiorenal Winter School

Cardiorenal Retreat
Organized by the SFB TRR219 IRTG

06.02.20 Thursday

Chair: Prof. Fliser

14:15-15:45 Keynote lecture session 1

14:15-15:00 Integrative Analysis of Prognostic Biomarkers Derived
from Multi-omics Panels
Rainer Oberbauer, Medical University of Vienna

15:00-15:45 **xxx**
Anette Melk; Hannover Medical School

15:45-16:15 Coffee break

Chair: Prof. Marx

16:15-18:30 Keynote lecture session 2

16:15-17:00 Latest methodological aspects of cardiovascular
regeneration/RNA
Stefanie Dimmeler; Frankfurt University

17:00-17:45 Tissue Engineering in CVD
Carlijn Bouten, Eindhoven University

17:45-18:30 Mitochondria as targets of cardioprotection
Derek Hausenloy, National Heart Centre Singapore

From 19:00 **Dinner & networking with group picture**