

Joint meeting of DFG-funded CRC and graduate schools

Importance and Highlights of Cardiac, Vascular and Kidney Research in Germany

09 - 10 October 2024

What?

Joint meeting of German DFG-funded CRC research consortia and their graduate schools focussing on cardiac, vascular and kidney research

09 October 2024:

Graduate training day and hot topics from CRC consortia on cardiac, vascular and kidney research

10 October 2024:

Importance of collaborative cardiac, vascular and kidney research, with representatives from politics and the DFG, keynote scientific speakers and a podium discussion with participating CRC speakers

Specific for PhD/MD students & post docs: DFG-organized information session with possibility to reserve individual time slots with DFG representatives to discuss in an easy way all open questions in relation to DFG funding application on a one-to-one level.

Why?

- ✓ **Increase awareness of**
 - ✓ the high burden of cardiovascular and kidney diseases
 - ✓ the clinical importance of cardiac, vascular and kidney research
 - ✓ the importance of collaborative research consortia

- ✓ **Increase national cooperation and exchange of expertise on scientific, technological and training level**

Where?

Kap Europa

Kongresshaus der Messe Frankfurt

Osloer Str. 5

60327 Frankfurt am Main, Germany

For whom?

Members of the participating collaborative research consortia and everyone interested in cardiac, vascular and kidney disease

Wednesday, 09 October 2024: CRC & RTG convent

10.30 – 12.00	RTG Workshop (for representatives of graduate schools & educational programs) Aim: Discussion of concepts and challenges towards improved & sustainable training
10.30 – 12.00	EUKISS European Kidney Summer School (Satellite event of the graduate schools of Regensburg, Hamburg, Freiburg, Aachen) (Coordinators Prof. Dr. Tobias Huber, Prof. Dr. Mario Schiffer) – for registered participants
11.30 – 12.30	Registration (+ hanging up posters)
12.30 – 12.45	Opening of Meeting & Welcome
12.45 – 13.45	As to diseases and AI, make a habit of two things — to help, or at least to do no harm. ChatGPT and Large Language Models: Transforming Clinics, Research, and Everyday Life Prof. Dr. M. Gotthardt (Max Delbrück Center & Charité - Universitätsmedizin Berlin)
13.45 – 14.15	Workshop: Opportunities and challenges for basic researchers in medicine: training and support in “medical scientist programs”; with PhD students and postdocs Chair: Prof. Dr. Peter Kohl, PD Dr. Claudia Goettsch & graduate school/educational program speakers
14.15 – 14.45	DFG information session: “All you wanted to know about DFG applications” - For all early and advanced scientists. With Q & A session. DFG representatives: Dr. Sigrid Wegler, Dr. Wiebke Ginter Note: Slots for additional individual consultation with DFG representatives available.
14.45-15.15	Coffee break
15.15 – 16.35	Hot topics from the participating CRC consortia / two parallel sessions covering cross-sectional topics (by CRC delegates) - 10 min + 10 min discussion each <u>Parallel session 1</u> 4 CRC talks <u>Parallel session 2</u> 4 CRC talks
16.35-16.50	Short break
16.50 – 17.50	Hot topics from the participating CRC consortia / two parallel sessions covering cross-sectional topics (by CRC delegates) - 10 min + 10 min discussion each <u>Parallel session 3</u> 3 CRC talks <u>Parallel session 4</u> 3 CRC talks
17.50 – 18.15	Refreshment break
18.15 – 19.00	Keynote lecture I Prof. Dr. Vera Regitz-Zagrosek (Institute of Gender in Medicine, Charité-Universitätsmedizin Berlin) Impact of sex on angina pectoris
19.00 – 21.30	Poster session (first hour guided presentations in small groups/cross-sectional topics) Presentation of own research projects by all PhD/MD students & postdocs including poster of concept & focus of each CRC / RTG With fingerfood & drinks

Thursday, 10 October 2024: CRC convent

08.00 – 10.00	Joint research on cardiovascular and kidney medicine: importance & challenges
08.00 – 08.20	Welcome (Prof. Dr. Joachim Jankowski, Prof. Dr. Peter Kohl)
08.20 – 08.40	<i>To be confirmed</i>
08.40 – 09.00	<i>To be confirmed</i>
09.00 – 09.20	Epidemiology and prevention in the field of cardiovascular and kidney medicine
	Prof. Dr. Stefan Blankenberg (<i>University Heart and Vascular Center Hamburg Eppendorf</i>)
09.20 – 09.40	Environmental risk factors and cardiovascular and kidney diseases
	Prof. Dr. Christoph Maack (<i>Comprehensive Heart Failure Center CHFC, University Hospital Würzburg</i>)
09.40 – 10.00	<i>To be confirmed</i>

10.00 – 10.30 *Coffee break*

10.30 – 12.00 **Cardiovascular and kidney medicine: Clinical relevance & innovative research (25 min talk + 10 min discussion)**

10.30 – 11.05

Keynote lecture II

Chronic kidney diseases: Clinical relevance & innovative research fields

Prof. Dr. Marcello Tonelli (*Department of Medicine, Cumming School of Medicine, University of Calgary, Canada*)

11.05 – 11.40

Keynote lecture III

The battle against cardiovascular diseases is joined but not yet won

Prof. Dr. Peter Libby (*Division of Cardiovascular Medicine, Brigham and Women's Hospital, Boston, USA*)

11.40 – 12.00

Panel discussion: Clinical relevance and future of cardiac, vascular and kidney research

12.00 – 12.15 *Group picture*

12.15 – 13.15 *Lunch & networking*

13.15 – 14.00

Keynote lecture IV: Revolutionizing methods in scientific research (30 min talk + 15 min discussion)

Intracellular Electrophysiology

Prof. Dr. Yamuna Krishnan (*Institute of Biophysical Dynamics, University of Chicago, USA*)

14.00 – 14.20

Current trends in funding of coordinated research

Dr. Suzanne Zittartz-Weber (*Sonderforschungsbereiche, DFG*)

14.20 – 14.50

The importance of collaborative research consortia

Prof. Dr. Martin Paul (*Rector, University Bochum*)

14.50 – 15.20

From science to clinic: success stories I (15 min flash talk + 15 min discussion)

Invention of the troponin assay: a paradigm shift in cardiac medicine

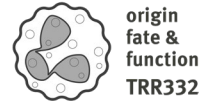
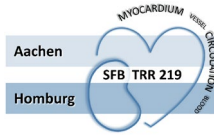
Prof. Dr. Hugo Katus (*Cardiovascular Medicine, University Hospital Heidelberg*)

15.20 – 15.45 *Coffee break*

15.45 – 16.45	From science to clinic & entrepreneurship: success stories II (15 min flash talk + 15 min discussion)
15.45 – 16.15	
	Incretin-based therapy: Successes achieved and future expectations
	Prof. Dr. Michael Nauck (<i>Diabetes, Endocrinology and Metabolism Section, Medical Department I, Hospital of the Ruhr-University, Bochum</i>)
16.15 – 16.45	Bridging Bench and Business: The Angiolutions Journey from Stanford to Startup
	Dr. med. Isabel N. Schellinger (<i>Co-Founder & CEO of Angiolutions® GmbH</i>)
16.45 – 17.45	Podium discussion with all CRC speakers: “Challenges and action points for (German) medical research”
17:45 – 18:00	Conclusion of Meeting

Preliminary

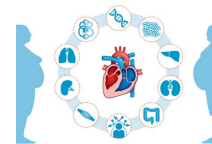
Participating CRCs (not final)



SFB1425



SFB1453



SFB1470



SFB 1525



SFB 1531
Damage control by the
stroma-vascular compartment



Preliminary