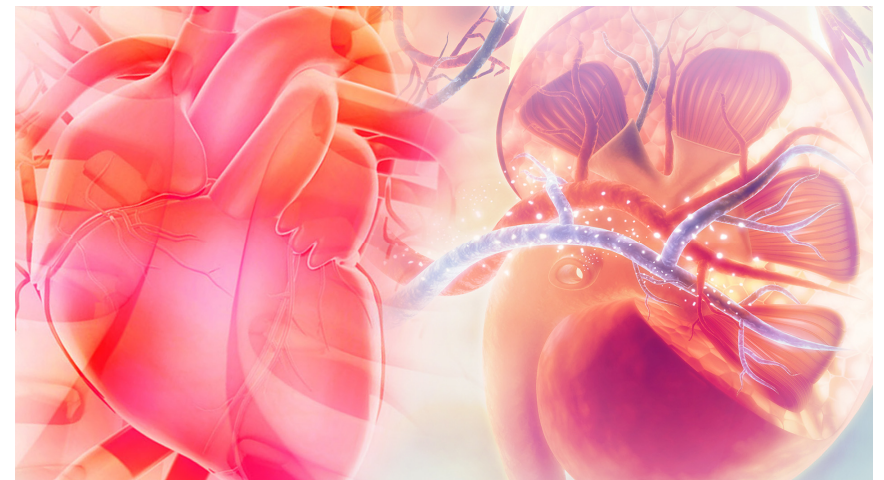


**Joint meeting of German
DFG-funded CRC consortia &
graduate schools focusing
on heart, vasculature and kidney**



Organized with financial support of:

***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

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**

For whom?

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

Organizers

Program committee

Prof. Dr. Joachim Jankowski

PD Dr. Heidi Noels

PD Dr. Claudia Goettsch

Prof. Dr. Peter Kohl

Prof. Dr. Kerstin Amann

On behalf of all participating CRCs

Organization committee

SFB/TRR219 (Aachen-Homburg)

www.sfb-trr219.de

University Hospital RWTH Aachen

Institute for Molecular Cardiovascular Research (IMCAR)

Prof. Dr. Joachim Jankowski – Speaker of SFB/TRR219

PD Dr. Heidi Noels – Program Manager of SFB/TRR219

Mareike Staudt

Sandra Knarren

Medical Clinic I

PD Dr. Claudia Goettsch – Coordinator of the SFB/TRR219 graduate school

Meeting venue

Kap Europa

Kongresshaus der Messe Frankfurt
Osloer Str. 5

60327 Frankfurt am Main, Germany



DFG Information sessions

- ✓ **DFG information session on application options and criteria for funding**
Wednesday 9 October, 14.15 – 14.45
(Room: MERIDIAN)
- ✓ **DFG information stand: Foyer**
- ✓ **Opportunity for individual information session with DFG representative**
 - Aim:** Clarifying all questions related to DFG applications in a very open and supportive atmosphere (*including application criteria, best application moment, review criteria, ...*)
 - Format:** Individual sessions with a DFG representative (20 min each)
 - For whom:** Researchers at all stages of their career
 - Place:** OKZIDENT or ORIENT room (*as announced in confirmation mail upon online reservation*)

Reserve your slot:

Via online reservation: online link available @ DFG info stand

Or “on the spot” via direct contact with DFG representatives @ DFG info stand

Organizing consortia

SFB/TRR219 – Speaker: Prof. Dr. Joachim Jankowski

RWTH Aachen & Universität des Saarlandes

SFB/TRR267 – Speaker: Prof. Dr. Stefan Engelhardt

TU München & Goethe-Universität Frankfurt am Main

SFB/TRR332 – Speaker: Prof. Dr. Oliver Soehnlein

Universität Münster, LMU München & Universität Duisburg-Essen

SFB374 – Speaker: Prof. Dr. Richard Warth

Universität Regensburg & Friedrich-Alexander-Universität Erlangen-Nürnberg

SFB1039 – Speaker: Prof. Dr. Josef M. Pfeilschifter

Goethe-Universität Frankfurt am Main

SFB1192 – Speaker: Prof. Dr. Tobias B. Huber

Universität Hamburg

SFB1213 – Speaker: Prof. Dr. Nobert Weißmann

Universität Giessen

SFB1366 – Speaker: Prof. Dr. Hellmut G. Augustin

Ruprecht-Karls-Universität Heidelberg

SFB1425 – Speaker: Prof. Dr. Peter Kohl

Albert-Ludwigs-Universität Freiburg

SFB1453 – Speaker: Prof. Dr. Anna Köttgen

Albert-Ludwigs-Universität Freiburg

SFB1470 – Speaker: Prof. Dr. Michael Gotthardt

Charité - Universitätsmedizin Berlin

SFB1525 – Speaker: Prof. Dr. Stefan Frantz

Universität Würzburg

SFB1531 – Speaker: Prof. Dr. Ralf Brandes

Goethe-Universität Frankfurt am Main

SFB1550 – Speaker: Prof. Dr. Johannes Backs

Ruprecht-Karls-Universität Heidelberg

Thursday, 10 October 2024 – CRC convent

13.00 - 13.45 Keynote lecture IV: Revolutionizing methods in scientific research (30 min talk + 15 min discussion)
Prof. Dr. Yamuna Krishnan (Institute of Biophysical Dynamics, University of Chicago, USA)
Intracellular Electrophysiology

13.45 - 14.05 Current trends in funding of coordinated research
Dr. Suzanne Zittartz-Weber (DFG, Sonderforschungsbereiche)

14.05 - 14.35 The importance of collaborative research consortia
Prof. Dr. Martin Paul (Rector University Bochum)

14.35 - 15.05 From science to clinic: success stories I
Invention of the troponin assay: a paradigm shift in cardiac medicine
Prof. Dr. Hugo Katus (Cardiovascular Medicine, University Hospital Heidelberg)

15.05 - 15.45 Networking (with coffee)

15.45 - 16.45 From science to clinic: success stories II
(15 min flash talk + 15 min discussion)
15.45 Incretin-based therapy: Successes achieved and future expectations
Prof. Dr. Michael Nauck (Diabetes, Endocrinology and Metabolism Section, Medical Department I, Hospital of the Ruhr-University, Bochum)
16.15 Bridging Bench and Business: The Angiolutions Journey from Basic Science to Startup
Dr. med. Isabel N. Schellinger (Co-Founder & CEO of Angiolutions® GmbH)

16.45 - 17.45 Podium discussion with all CRC speakers:
“Challenges and action points for (German) medical research”
(Moderator: Prof. Dr. Martin Paul)

17.45 - 18.00 Conclusion of Meeting

(MERIDIAN)

- 08.15 - 09.25 Joint research on cardiovascular and kidney medicine: importance & challenges**
- 08.15 Welcome (Prof. Dr. Joachim Jankowski (Aachen), Prof. Dr. Peter Kohl (Freiburg))
- 08.35 **Epidemiology and prevention in the field of cardiovascular and kidney medicine** - Prof. Dr. Stefan Blankenberg (University Heart and Vascular Center Hamburg Eppendorf)
- 09.00 **Environmental risk factors and cardiovascular and kidney diseases**
Prof. Dr. Christoph Maack (Comprehensive Heart Failure Center CHFC, University Hospital Würzburg)

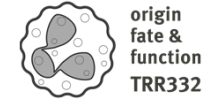
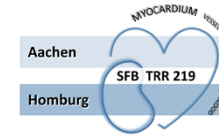
09.25 - 10.15 Networking (with coffee)

- 10.15 - 11.45 Cardiovascular and kidney medicine: Clinical relevance & innovative research** (25 min talk + 10 min discussion)
- 10.15 Keynote lecture II**
Prof. Dr. Marcello Tonelli (Department of Medicine, Cumming School of Medicine, University of Calgary, Canada)
Chronic kidney diseases: Clinical relevance & innovative research fields
- 10.50 Keynote lecture III**
Prof. Dr. Peter Libby (Division of Cardiovascular Medicine, Brigham and Women's Hospital, Boston, USA)
The battle against cardiovascular diseases is joined but not yet won
- 11.25 Panel discussion:** Clinical relevance and future of cardiac, vascular and kidney research (*Moderator: Prof. Dr. Christoph Maack*)

11.45 - 12.00 Group picture

12.00 - 13.00 Lunch & networking (FOYER)

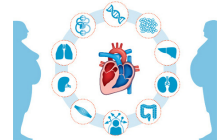
Organizing Consortia



SFB1425



SFB1453



SFB1470



SFB1525



Other Participating Consortia & Institutes



TRR205



CRC1340



Room information



15.15 - Hot topics from the organizing CRC consortia by CRC delegates
16.35 in two parallel sessions (10 min flash talk + 10 min discussion each)

Parallel session 1 (MERIDIAN)

- SFB1425** Prof. Dr. Peter Kohl (Heterocellular crosstalk in cardiac lesions)
SFB1525 Dr. Sarah Schäfer (Targeting Treg cells after myocardial infarction)
TRR267 Prof. Dr. Lars Mädegeßel (Long non-coding RNAs in vascular cell therapy)
TRR332 Prof. Dr. Oliver Soehnlein (New concepts of neutrophil maturation - a matter of location)

Parallel session 2 (MISTRAL)

- SFB119** Dr. Nicola Tomas (Autoantibodies in proteinuric kidney disease)
SFB1453 Prof. Dr. Michael Köttgen (SLC25A48 is a human mitochondrial choline transporter)
TRR219 Prof. Dr. Rafael Kramann (Single cell and spatial genomics to dissect mechanisms of kidney and heart disease)
TRR374 Prof. Dr. Michael Wiesener (Pathomechanisms and development of interventional strategies against hereditary tubulointerstitial kidney diseases)

16.35 - 16.50 Short break

16.50 - Hot topics from the organizing CRC consortia by CRC delegates
17.50 in two parallel sessions (10 min flash talk + 10 min discussion each)

Parallel session 3 (MERIDIAN)

- SFB1039** Prof. Dr. Ingrid Fleming (Signalling by fatty acid derivatives and sphingolipids in health and disease)
SFB1531 Prof. Dr. Ralf Brandes (Oxidative stress and the acute damage response)
SFB1550 Prof. Dr. Johannes Backs (HDAC signaling in cardiometabolic disease)

Parallel session 4 (MISTRAL)

- SFB1213** Prof. Dr. Soni Savai-Pullamsetti (Molecular basis of right ventricular remodeling and reverse remodeling in pulmonary hypertension)
SFB1366 Prof. Dr. Hellmut Augustin (Vascular Control of Organ Function)
SFB1470 Prof. Dr. Michael Gotthardt (Unraveling and treating the Complexities of Heart Failure with HFpEF - Connecting Splicing, Sarcomere and Systems Biology)

17.50 - 18.15 Refreshment break

18.15 - Keynote lecture I

19.00 Prof. Dr. Vera Regitz-Zagrosek (Institute of Gender in Medicine, Charité-Universitätsmedizin Berlin) **Impact of sex and gender on ischemic heart disease**

19.00 - Poster session: Presentation of own research projects

21.30 With guided presentations by all PhD/MD students & postdocs (in small groups on cross-sectional topics): 19.30-20.30
 With posters of concept & focus of each CRC / RTG
 With fingerfood & drinks

(OKZIDENT)

10.30 - **RTG Workshop** (for representatives of graduate schools & educational programs)

Aim: Discussion of concepts and challenges towards improved & sustainable training

Chairs: Prof. Dr. Peter Kohl & PD Dr Claudia Goettsch

(ORIENT)

10.30 - **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 (MERIDIAN)

(MERIDIAN)

12.45 - **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)

(MERIDIAN)

13.45 - **Workshop: Opportunities and challenges for basic researchers in medicine - training & support in "medical scientist programs": an example**
14.15 *Chairs: Prof. Dr. Peter Kohl (Freiburg) & PD Dr Claudia Goettsch (Aachen)*

(MERIDIAN)

14.15 - **DFG information session:** "All you wanted to know about DFG applications".
14.45 For all early and advanced scientists. With Q & A session.
DFG representatives: Dr. Sigrid Hanke, Dr. Wiebke Ginter
Followed by additional individual consultation with DFG representatives.
Booking & location: See Page 3 "DFG information sessions"

14.45 - 15.15 Coffee break

For help or questions...

The Orga Team can be recognized by a yellow colored name tag.

Please don't hesitate to get in touch with us!



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Time schedule / Room information

Date	Main program	RTG workshop	Satellite events	
09.10 AM 10.30 – 12.00		(OKZIDENT) RTG Workshop for representatives of graduate schools & educational programs - Concepts and challenges towards improved & sustainable training	(ORIENT) EUKISS European Kidney Summer School	
11.30 – 12.30	Registration		Opportunity for individual information session with DFG representatives : “Clarifying questions related to DFG applications” (ORIENT + OKZIDENT) (Information & registration: program p.3)	
PM 1 12.30 – 12.45 12.45 – 13.45	(MERIDIAN) Meeting opening As to diseases and AI, make a habit of two things — to help, or at least to do no harm Prof. Dr. Michael Gotthardt			
PM 2 13.45 – 14.45	(MERIDIAN) Workshop: Opportunities and challenges for basic researchers in medicine – training and support in “medical scientist programs”: an example			
		DFG information session: “All you wanted to know about DFG applications”		
PM 3 15.15 – 17.50	Hot topics from the participating CRC consortia / parallel sessions covering cross-sectional topics Parallel session 1 (MERIDIAN) & session 2 (MISTRAL) Parallel session 3 (MERIDIAN) & session 4 (MISTRAL)			
Evening 18.15 – 19.00	Keynote Lecture I: Prof. Dr. Vera Regitz-Zagrosek (MERIDIAN)			
Late Session 19.00 – 21.30	Poster session (own research presentations by PhD/MD/postdocs + poster of concept & focus of each CRC / RTG); with fingerfood (FOYER)			
10.10 AM 1 08.15 – 09.25	(MERIDIAN) Welcome Epidemiology & Prevention: Prof. Dr. Stefan Blankenberg Environmental risk factors: Prof. Dr. Christoph Maack			
	AM 2 10.15 – 11.45	Keynote lecture II: Prof. Dr. Marcello Tonelli Keynote lecture III: Prof. Dr. Peter Libby		
	noon	Group picture		
	PM 1 13.00 – 13.45	Keynote lecture IV: Prof. Dr. Yamuna Krishnan		
	PM 2 13.45 – 16.45	Current trends in funding of coordinated research: Dr. Suzanne Zittartz-Weber (DFG) Importance of collaborative research consortia: Prof. Dr. Martin Paul From science to clinic - success stories: Prof. Dr. Hugo Katus, Prof. Dr. Michael Nauck, Dr. med. Isabel N. Schellinger		
	Evening 16.45 – 18.00	Podium discussion with CRC spokespersons		