

Programme

2024

12-13 September

Frankfurt am Main



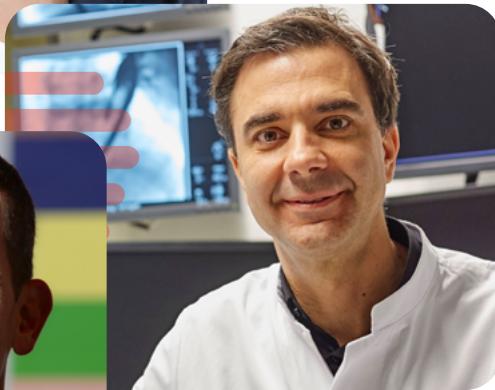
10th
RETREAT



DZHK

Deutsches Zentrum für
Herz-Kreislauf-Forschung

**The Board of Directors
welcomes you
to the DZHK Retreat
in Frankfurt am Main!**



Dear colleagues and friends,

We are pleased to welcome you to the DZHK Retreat. The annual Retreat is and remains the most important event of our network. As always, it was preceded by the Young DZHK Retreat. This year, for the first time, the best presentations and posters of our young scientists will be rewarded with a private donation.

In addition to excellent science, networking is always at the heart of our meetings. There will be plenty of opportunity for this in the relaxed late summer atmosphere on the restaurant ship ‚Mainod‘. We look forward to seeing you there.

By the way: The DZHK Retreat 2025 will take place from 10 to 12 September in Heidelberg. Mark your calendars!

***Stefanie Dimmeler, Steffen Massberg
and Holger Gerhardt***



Frankfurt-Höchst has a medieval old town and is located in the west of the metropolis of Frankfurt.

Thursday, 12 September

13:30 – 14:30 *Registration & welcome coffee*

Opening

14:30 – 15:00 Welcome and state of affairs,
Stefanie Dimmeler, Steffen Massberg, Holger Gerhardt, Katharina Eulenburg

15:00 – 15:30 **1st Keynote:** New mechanisms of hypertension and target organ damage – basic and translational journey,
Tomasz Guzik, Edinburgh, UK

1st Session: New approaches in cardiovascular research

Chairs: Laura Zelarayán, Dominik Müller

15:30 – 15:45 New pathways for drug delivery: Inhaled peptide-loaded nanoparticles,
Alessio Alogna, Berlin

15:45 – 16:00 Linking chromatin structure to disease variants and gene programs in human cardiomyocytes,
Shaza Haydar, Heidelberg

16:00 – 16:15 Mechanical unloading reveals a latent regeneration potential in the human heart,
Olaf Bergmann, Göttingen

16:15 – 16:30 Sleep disturbance and cardiac disease,
Karin Ziegler, Munich

16:30 – 16:45 Imaging, molecular signals and phenotypes – multidimensional AI based models to personalize prevention,
Stefan Blankenberg, Hamburg

16:45 *Group photo*

17:00 – 17:30 *Coffee break*

Highlights from the Young DZHK Retreat

Chairs: Sonia Singh, Simone-Franziska Glaser, Michael Molitor

17:30 – 18:15 Speakers and talks will be determined in Frankfurt a. M.

Best presentations of each session were voted for by the Young DZHK Retreat participants. Winners are awarded with prizes sponsored by a private donation.

19:00 *Party with dinner buffet on board of the restaurant ship “Mainod”*

Friday, 13 September

2nd Session: Heart failure – highlights from the partner sites

Chairs: Elisabeth Zeisberg, Norbert Frey

- 8:30 – 8:45 Single cell analysis for personalized medicine,
Henrike Maatz, Berlin
- 8:45 – 9:00 RBM20 mislocalization in dilated cardiomyopathy,
Julia Kornienko, Heidelberg
- 9:00 – 9:15 Targeting endogenous membrane repair mechanisms in cardiac disease,
Sören Brandenburg, Göttingen
- 9:15 – 9:30 Decipher HFpEF-DZHK12 trial: Validation of cardiovascular magnetic resonance against invasive haemodynamics,
Eike Nagel, Frankfurt a. M.
- 9:30 – 10:00 **2nd Keynote:** TAVR and neuro protection - What have we learnt?,
Alexandra Lansky, New Haven, USA
- 10:00 – 11:00 *Coffee break & checking out of rooms*

3rd Session: From bench to industry

Chair: Thomas Eschenhagen

- 11:00 – 11:10 EHTs as an advanced in vitro model for drug testing, DINABIOS,
Thomas Eschenhagen, Hamburg

- 11:10 – 11:20 MYBPC3 gene therapy and spin-out, DINAQOR,
Lucie Carrier, Hamburg
- 11:20 – 11:30 Targeting RNA viruses with disruptive tech, Avocet Biosciences,
Elisabeth Zeisberg, Göttingen
- 11:30 – 11:40 Therapeutic target and drug discovery, Genome Biologics,
Jaya Krishnan, Frankfurt a. M.
- 11:40 – 11:50 Innovative therapies for cardiovascular disease, REVIER Therapeutics,
Johannes Backs, Heidelberg
- 11:50 – 12:00 Targeted RNA therapy for organs, RNATICS,
Stefan Engelhardt, Munich
- 12:00 – 12:45 Panel discussion, moderation:
Ralf Brandes, Heidelberg
Thomas Eschenhagen, Hamburg
- 12:45 – 13:45 *Lunch break*

4th Session: Vascular disease - highlights from the partner sites

Chairs: Dorothee Atzler, Philipp Wild

- 13:45 – 14:00 Cardiovascular protection due to non- and coding genes at the CDH13 locus,
Zhifen Chen, Munich

- 14:00 – 14:15 Metabolic regulation of vascular aging,
Iris Bibli, Mannheim
- 14:15 – 14:30 Neuro-vascular interaction in cardiac aging,
Julian Wagner, Frankfurt a. M.
- 14:30 – 14:45 DEDICATE-DZHK6 trial: Randomized trial of TAVI versus SAVR in patients with symptomatic severe aortic valve stenosis and intermediate risk of mortality,
Moritz Seiffert, Hamburg/Bochum

14:45 – 15:15 *Coffee break*

5th Session: DZHK Innovation cluster

Chair: Rabea Hinkel

- 15:15 – 15:30 Clonal hematopoiesis,
Andreas Zeiher, Sebastian Cremer, Frankfurt a. M.
- 15:30 – 15:45 Nucleic acid therapeutics,
Julia Ritterhoff, Heidelberg
- 15:45 – 16:00 Brain heart interfaces,
André Fischer, Göttingen
- 16:00 – 16:10 Closing remarks,
Steffen Massberg, Munich

16:10 – 16:30 *Farewell coffee*

16:30 *Departure*

Keynote Speakers



Tomasz Guzik

University of Edinburgh/
University of Glasgow, UK
Professor Tomasz Guzik, Chair of Cardiovascular Medicine at the University of Edinburgh, focuses on inflammation and oxidation in vascular biology, particularly hypertension. A Clarivate „Highly Cited

Researcher“ (2021-2024), he has received awards like the Arthur Corcoran Hypertension Award. Guzik is Editor-in-Chief of “Cardiovascular Research”, a board member of the European Society of Cardiology, and Chair of the British Atherosclerosis Society. He also serves on the Scientific Advisory Board of the DZHK.

Alexandra Lansky

Yale School of Medicine, New Haven, USA

Professor Alexandra Lansky, MD, is Director of the Yale Cardiovascular Research Group and the Heart and Vascular Research Program at Yale School of Medicine.

A practising cardiologist at Yale-New Haven Hospital, she specializes in interventional cardiology and women’s cardiovascular health. Lansky is Editor-in-Chief of JSCAI and has led numerous interventional trials. She also serves on the Scientific Advisory Board of the DZHK.



Let's celebrate our 10th Retreat!

12 September 2024, 7 pm to midnight

Embark with us on a one-of-a-kind evening! We are celebrating the 10th DZHK Retreat with a party on the restaurant ship "Mainod". Looking forward to "sea-ing" you there for a "boat-iful" evening!

Mainod restaurant ship
5 minutes walk from the Lindner Hotel
65929 Frankfurt-Höchst
www.mainod.de



The restaurant ship „Mainod“



As space on the restaurant ship is limited, only guests who have pre-registered for the party will be able to attend.



Footpath from the
conference hotel to the
restaurant ship



See you at
the DZHK Retreat
2024 in Frankfurt am Main!



Venue

Lindner Hotel Frankfurt-Höchst
Bolongarostr. 100
65929 Frankfurt am Main

Contact

Sarah Mempel
Phone +49 (0) 30 3465 529-18
email: retreat@dzhk.de
retreat2024.dzhk.de



Network: lindnerhoechst
Password: lindnerhoechst



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