# **Soung DGK.**

## **Scientific Chair**

Prof. Dr. Holger Winkels

## **DGK Task Force Basic Science**

Prof. Dr. Brenda Gerull, Dr. Florian Weinberger Dr. Hannah Billig, Dr. Laura Sommerfeld, Dr. Laura Parma, PD Dr. Susanne Karbach, Dr. Eric Schoger, Dr. Johanna Tennigkeit and Prof. Dr. Claudia Göttsch

### **Topics**

# **Keynote Speaker**

Prof. Dr. Thomas Thum, Hannover

# Sessions/Topics

- Immunological and metabolic effectors of heart failure
- · Insights into the right heart
- The exposome and cardiovascular risk profile
- The vasculature as foundation of disease of everything
- Career panel discussions and Networking sessions

#### **Contact DGK**

#### Meliha Eslem Yilmaz Lucia Besteher

**DGK-Working Groups** 

# acco Prof. Dr. Brenda Gerull, Dr. Florian Weinberger

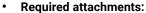
# Deadline for application submission: 09/11/2025, 12:00 a.m.

- The meeting is limited to 50 participants selected from abstracts.
- Authors of accepted applications will be notified by by November 18th, 2025.
- Applicants of top-rated abstracts will be selected to present their work as a talk and the best posters will be awarded.
- Please note that accommodation will not be provided.
   Recommendations will be shared in the near future

# **Application**

 Participation is free of charge, beverages and food will be provided.

Submit your application for participation *online* taking into account the following specifications:



- 1. Current CV (table, max. 1 DIN A4 page)
- 2. Abstract (any topics related to basic science in cardiology, max. 250 words excluding authors and affiliations; figures are optional)









# Dear colleagues and especially dear young basic scientists!

As young scientists in cardiovascular research, you might sometimes feel that there are hurdles to connect and exchange with the community. That is why the Young DGK Science Meeting presents an exciting opportunity to discuss novel cardiovascular research and to connect with peers and leaders in the field in a casual environment.

We offer medical and non-medical young scientists room for guestions, ideas, discussion of own results, translational aspects in basic science, method lectures, and career development. Join us in Halle, we are looking forward to welcoming you.

#### **Holger Winkels**

Scientific Chair And the DGK Task Forces Basic Science

# Friday, December 5th 2025

13:00 - 13:45	Registration
13:45 -	Opening remarks

14:00				
Session I – Immunological and metabolic effectors of heart failure				
14:00 - 14:20	Cardiometabolic disease – from mechanisms to new therapeutic concepts Johannes Backs, Heidelberg			
14:20 - 14:40	Mitochondrial and metabolic alterations in heart failure Christoph Maack, Würzburg			
14:40 - 15:00	Myeloid cell recruitment propels right ventricular dysfunction in HFpEF Jana Grune, Berlin			
15:00 - 15:	15 Short talk I (selected from Abstracts)			
15:15 – 15:30 Short talk II (selected from Abstracts)				
15:30 – 16:00 Coffee break				
16:00 – 17:00	Keynote lecture RNA drugs: From the dish to the clinics Thomas Thum, Hannover			

#### Session II - Methods and models

**Networking** 

21:00 -

22:00

17:00 - 17:20	Relevance of large animal models for translation Rabea Hinkel, Göttingen
17:20 - 17:40	AAV vectors – From target validation to clinical applications Oliver Müller, Kiel
17:40 - 18:00	Analysis of Cardiomyopathies using patient- specific stem cell models Katrin Streckfuß-Bömeke - Würzburg
18:00 – 21:00 Poster session mit Snacks	

# Saturday, December 6th 2025

### Session III -

09:00 -

# Exposomal effects on cardiovascular health

09:20	the role of classical risk factors and residual risk Christina Magnussen, Hamburg
09:20 - 09:40	Cancer – a major comorbidity of the cardiovascular system Lorenz Lehmann, Heidelberg
09:40 - 10:00	Insights from Systems Biology and MultiOmics in Right Heart Failure
	Soni Savai Pullamsetti, Gießen/Bad Nauheim

Understanding cardiovascular risk:

10:20 – 10:35 Short talk III (Selected from Abstracts)

10:35 - 11:15 Coffee break

#### Session IV -

#### Vasculature at the center of cardiovascular risk

11:15 – 12:05	Targeting myeloid cell inflammation- coagulation signaling to prevent ischemic heart failure Philip Wenzel, Mainz
12:05 - 12:25	Microcirculation and metabolism in the diabetic heart Ingrid Fleming, Frankfurt
12:25 - 12:45	<b>Endothelial dysfunction in heart failure</b> Holger Gerhardt, Berlin
12:45 - 13:05	Interorgan communication in CVD Hendrik Sager, München
13:05 - 13:2	20 Short talk IV (Selected from Abstracts)
13:20 -	Poster award ceremony and concluding

13:30 Lunch

remarks

13:30