



Meeting of the *German Society for Microcirculation and Vascular Biology (GfMVB)* October 25 – 27, 2019 in Heidelberg

Friday, October 25

12:00-13:00 Welcome & Registration

13:00-13:10 OPENING

Symposium 1: Organ-specific vascular features (13:10 - 15:10)

Chairs: tba

13:10-13:40 **Introductory Keynote Lecture - Eckhard Lammert** (Univ. of Düsseldorf, Germany)
"Angiocrine signals - past & present"

13:40-14:05 **Lecture 1 - Sergij Goerd**t (Heidelberg University, Mannheim, Germany)
"Hepatic Angiodiversity: Vascular Control of Liver Function & Disease Processes"

14:05-14:30 **Lecture 2 (DZHK lecture) - Karina Yaniv** (Weizmann-Institute of Science, Rehovot, Israel)
„Vascular support of organ growth and regeneration“

14:30-14:45 **Short talk - Nathalie Tisch** (Heidelberg University, Germany)
„Caspase-8 is a prosurvival factor in endothelial cells of the gut-vascular barrier“

14:45-15:00 **Short talk - Gustav Steinemann** (University of Berlin, Germany)
„Smyd1, a histone methyltransferase, interacts with PML nuclear bodies in endothelial cells“

15:10-15:30 COFFEE BREAK

Symposium 2: Vascular homeostasis, aging & repair (15:30 - 17:30)

Chairs: tba

15:30-16:00 **Introductory Keynote Lecture - Stefanie Dimmeler** (University of Frankfurt, Germany)
„Endothelial cell plasticity in repair & regeneration“

16:00-16:25 **Lecture 1 (DZHK lecture) - Anna Randi** (Imperial College, London, UK)
"Transcriptional and epigenetic mechanisms controlling vascular health"

16:25-16:50 **Lecture 2 (SFB 834 lecture) - Anjali Kusumbe** (University of Oxford, UK)
„Organotypic angiocrine signals in health and disease“

16:50-17:05 **Short talk - Simone-Franziska Glaser** (University of Frankfurt, Germany)
„JMJD2B is involved in the epigenetic regulation during endothelial to mesenchymal transition“

17:05-17:20 **Short talk - Aleksandra Kopacz** (Jagiellonian University, Krakow, Poland)
„Nrf2/Keap1 axis governs endothelial cell fate“

17:30-17:50 COFFEE BREAK

Aletta Jacobs memorial - young investigator award session (17:50 - 18:40)

Chairs: Ferdinand le Noble & Jaap van Buul

17:55-18:10 **Nicola Edwards** (Manchester Metropolitan University, Manchester, UK)
"Improving Stratification of Cardiovascular Risk in SLE using Endothelial Microvesicles and their MiRNA Contents as Novel Biomarkers"

18:10-18:25 **Anne Jomard** (University Hospital of Zurich, Switzerland)
"The Functional Relevance of Bile Acids in HDL-mediated Endothelial Protection"

18:25-18:40 **Janina Wittig** (University of Frankfurt, Germany)
"Cystathionine- γ -lyase regulates retinal angiogenesis via sulphydration of metabolic proteins"

18:40-... WELCOME RECEPTION & Poster session #1

~20:00-... PhD/MD student party

