

SFB 834 INTERNATIONAL MEETING

VENUE: SCANDIC MUSEUMSUFER FRANKFURT, WILHELM-LEUSCHNER-STR. 44, 60329 FRANKFURT AM MAIN



WEDNESDAY, 4 MAY

8:30 REGISTRATION

8:50 WELCOME

SESSION 1 | Angiogenesis and lymphangiogenesis I

Lecture hall

9:00 - 10:45

Chair: Ingrid Fleming

9:00 **Rui Benedito (Madrid, SPAIN)**

Understanding AngioGenes function with ratiometric genetic mosaics

9:35 **Friedemann Kiefer (Münster, GERMANY)**

Peritoneal lymphatic vessel specializations

10:10 **Guillermo Oliver (Chicago, US)**

Lymphangiocrine signals are novel regulators of organ growth and repair

10:45 - 11:15 BREAK

Foyer

SESSION 2 | Vascular surveillance and metabolism

Lecture hall

11:15 - 13:00

Chair: Michael Potente

11:15 **Luca Scorrano (Padua, ITALY)**

Keeping mitochondrial in shape: a matter of life, death and (even) angiogenesis

11:50 **Katrien De Bock (Zurich, SWITZERLAND)**

Endothelial control of muscle metabolism

12:25 **Alberto Pascual (Sevilla, SPAIN)**

Non-productive angiogenesis in Alzheimer's disease

13:00 - 14:30 LUNCH/POSTERSESSION

Lecture hall & Foyer

SESSION 3 | Specific niches

Lecture hall

14:30 - 16:15

Chair: Ralf Brandes

14:30 **Triantafyllos Chavakis (Dresden, GERMANY)**

Trained myelopoiesis in innate immune memory

15:05 **Anne-Marie Rodriguez (Paris, FRANCE)**

Role of platelet-derived mitochondria in activating the pro-angiogenic activity of mesenchymal stem cells

15:40 **Zhongwei Cao (Chengdu, CHINA) | Virtual talk**

Aging reprograms the hematopoietic-vascular niche to impede regeneration and promote fibrosis

16:15 - 16:45

BREAK

Foyer

SPECIAL VIRTUAL LECTURE

Lecture hall

16:45 - 17:30

Joseph Hill (Dallas, US)

Chair: Stefan Offermanns

HFpEF: Malady, model, meta-inflammatory mechanism

SESSION 4 | Vascular surveillance

Lecture hall

17:30 - 19:15

Chair: Stefan Offermanns

17:30 **Sebastian Lewandowski (Stockholm, SWEDEN)**

Perivascular fibroblast activity precedes the onset of ALS neurodegeneration

18:05 **Almudena R. Ramiro (Madrid, SPAIN)**

The antibody immune response in atherosclerosis

18:40 **Luisa Iruela-Arispe (Chicago, US)**

A unique macrophage population that safeguards intravascular clotting

19:15 GET TOGETHER with BBQ

Scandic Restaurant

THURSDAY, 5 MAY

SESSION 5 | Angiogenesis and lymphangiogenesis II

Lecture hall

9:00 - 10:45

Chair: Stefanie Dimmeler

9:00 **Paul Riley (Oxford, UK)**

Targeting the cardiac lymphatics to optimise heart repair

9:35 **Ralf Adams (Münster, GERMANY)**

Organ-specific and functional specialization of blood vessels

10:10 **Karina Yaniv (Rehovot, ISRAEL)**

Vascular control of organ growth and regeneration

10:45 - 11:15 BREAK

Foyer

SESSION 6 | Atherosclerosis and the heart

Lecture hall

11:15 - 13:00

Chair: Andreas Zeiher

11:15 **Lars Mägdefessel (Munich, GERMANY)**

Targeting long non-coding RNAs in atherosclerosis and plaque (de)stabilization

11:50 **Svetlana Reilly (Oxford, UK)**

Novel paracrine calcitonin signalling in the heart

12:25 **Alma Zerneck-Madsen (Würzburg, GERMANY)**

Macrophage diversity in atherosclerosis

13:00 CONCLUDING REMARKS

13:15 END