

## Program Kloster Seeon: Young Investigator Meeting

Thursday, September 23, 2021

15:00            **Welcome and introduction**  
Alejandra González-Loyola, Dörte Schulte and Gloria Hernandez  
(Organizers of the 5th Kloster Seeon Young Investigator Meeting)

15:15 – 16:45    **Session 1**

### **Maintenance of endothelial homeostasis**

Discussion leader: Andromachi Karakatsani (Mannheim, GER)

15:15            **Anna Randi (London, UK)**  
Transcription networks and endothelial homeostasis - (page 2)

15:45 **BLITZ 1**    **Gloria Hernandez (Chicago, USA)**  
Aortic intimal resident macrophages are essential for maintenance of the non-thrombogenic intravascular state - (page 3)

16:00 **BLITZ 2**    **Sana-Safatul Hasan (Heidelberg, GER)**  
Transcriptional landscape of adipose tissue derived endothelial cells - (page 4)

16:15            **Maike Frye (Hamburg, GER)**  
Selective regulators of lymphatic and blood endothelial junctions - (page 5)

16:45            *Coffee break*

17:15 – 18:45    **Session 2**

### **Endothelial cell identity & specialization**

Discussion leader: Dörte Schulte (Münster, GER)

17:15            **Karina Yaniv (Rehovot, ISR)**  
The role of endothelial cell "biography" on vascular diversity

17:45 **BLITZ 3**    **Carlotta Tacconi (Milan, ITA)**  
KIT is required for fetal liver erythropoiesis but dispensable for angiogenesis - (page 6)

18:00 **BLITZ 4**    **Alejandra González Loyola (Lausanne, SWI)**  
FOXC2 controls adult lymphatic endothelial specialization, function and gut lymphatic barrier preventing multi-organ failure - (page 7)

18:15            **Kairbaan Hodivala-Dilke (London, UK)**  
Career talk

- 19:00            *Dinner*
- 20:30            Round Table Discussion (@Bar)

**Friday, September 24, 2021**

**09:00 - 10:00      Session 3**

**Endothelial cell development**

Discussion leader: Elin Sjöberg (Uppsala, SWE)

- 09:00 **BLITZ 5**      **Tsvetana Stoilova (London, UK)**  
PlexinD1 signaling excludes blood vessels from the airway smooth muscle and epithelial layers - (page 8)
- 09:15 **BLITZ 6**      **Di Peng (Uppsala, SWE)**  
Proper migration of lymphatic endothelial cells requires survival and guidance cues from arterial mural cells - (page 9)
- 09:30                **Carmen Ruiz de Almodóvar (Mannheim, GER)**  
The CNS vasculature during development: formation, regulation & function - (page 10)
- 10:00                *Coffee break*

**10:45- 11:45      Session 4**

**Vascular integrity**

Discussion leader: Klaudia Schossleitner (Vienna, AUT)

- 10:45 **BLITZ 7**      **Roxana Ola (Mannheim, GER)**  
BMP signaling safeguards vascular integrity - (page 11)
- 11:00 **BLITZ 8**      **Mark Richards (Uppsala, SWE)**  
Endothelial cell intravessel heterogeneity specifies preferential sites of macromolecular leakage - (page 12)
- 11:15                **Lise Roth (Heidelberg, GER)**  
Publishing in EMBO Molecular Medicine
- 12:00                *Lunch*

**The 11<sup>th</sup> International Kloster Seeon Meeting “Angiogenesis” starts at 15:00.**