

May 27th, 2021

13:55 - 14:00 Welcome

- 14:00 - 14:45 **Kari Alitalo (Helsinki)**
How growth factors modulate organotypic vasculature
- 14:45 - 15:15 **Tanya Petrova (Lausanne)**
Imaging small intestinal stroma
- 15:15 - 15:30 **Mara Pitulescu (Münster)**
Signaling mechanisms controlling sprouting and artery formation

Contact breakout room: Katharina Eick & Laura Brabenec

15:30 - 16:00 Virtual Coffee

- 16:00 - 16:30 **Serge van de Pavert (Marseille)**
A new peri-vascular macrophage population in the brain
- 16:30 - 17:00 **Thomas Huser (Bielefeld)**
Imaging cellular nanopores in living endothelial cells by video-rate super-resolution microscopy
- 17:00 - 17:30 **Peter McCourt (Tromsø):** Using old drugs to make old livers young again - potential therapies to restore defenestrated liver endothelium

Contact breakout room: Kristina Ehring & Fabian Gude

17:30 - 18:15 Meet the speaker

- 18:15 - 18:45 **Daniel Wüstner (Odense)**
Quantitative imaging of sterol transport through the lysosome
- 18:45 - 19:15 **Carsten Grashoff (Münster)**
Molecular Scale Analysis of Cell Adhesion
- 19:15 – 19:45 **Florian Jug (Dresden)**
Image Restoration Simplifies Microscopy Data Analysis – a talk about methods and applications

Contact breakout room: Hiteshika Gosain & Jonas Goretzko

May 28th, 2021

- 14:00 - 14:45 **Nils Brose (Göttingen)**
Dynamic control of presynaptic function in health and disease
- 14:45 - 15:15 **Matthijs Verhage (Amsterdam)**
Imaging secretory pathways in mouse and human CNS neurons
- 15:15 - 15:45 **Stephan Sigrist (Berlin)**
Presynaptic Active zone remodelling: toward mechanism and behavioral relevance

Contact breakout room: Lena Prange & Julia Wittmar

15:45 - 16:15 Virtual Coffee

- 16:15 - 16:45 **Ling-Gang Wu (NIH)**
Visualizing membrane dynamics of exo- and endocytosis in live cells
- 16:45 - 17:15 **Jenny E. Hinshaw (NIH)**
Capturing the Sequential Steps of Dynamin-mediated Fission by Cryo-EM
- 17:15 - 17:45 **Britta Qualmann (Jena)**
Membrane shaping in neuromorphogenesis and synaptic function

Contact breakout room: Hongyan Long & Pia Brinkert

17:45 - 18:30 Meet the Speaker

- 18:30 - 18:45 **Sai Krishnan (Münster)**
Endocytic Readily Retrievable pool in TIRF-amenable synapse
- 18:45 - 19:30 **Reinhard Jahn (Göttingen)**
Intermediate steps in SNARE-mediated membrane fusion

Contact breakout room: Priyadarshini Ravindran & Carolina Camelo

19:30 - 19:35 Closing remarks