

Wihuri Research Institute Symposium 2024

August 15, 2024, Hanaholmen Cultural Center

Vascular Specialization in Tissue Homeostasis and Disease

Program

8.15 – 8.50 Registration
8.50 – 9.00 Opening

SESSION I - Vascular Barriers

Chair: Kari Vaahtomeri

9.00 – 9.30 **Lena Claesson-Welsh**, Uppsala - *The role of vascular endothelial protein tyrosine phosphatase in VEGFR2 biology*
9.30 – 10.00 **Dietmar Vestweber**, Münster - *Reconciling old and new mechanisms regulating endothelial junctions*
10.00 – 10.20 **Pipsa Saharinen**, Helsinki – *Decoding mechanisms underlying vascular barrier permeability*

10.20 – 10.45 Coffee break and posters

SESSION II – Vascular development and specialization

Chair: Taija Mäkinen

10.45 – 11.15 **Christer Betsholtz**, Uppsala/Stockholm - *Single-cell RNA-sequence analysis of the vasculature – what have we learnt?*
11.15 – 11.45 **Tatiana Petrova**, Lausanne - *Lymphatic vascular specialization in the gut*
11.45 – 12.15 **Friedemann Kiefer**, Münster - *A quick peek at hypoxia*
12.15 – 12.30 Poster previews

12.30 – 13.30 Lunch

SESSION III - Organ-specific vasculature

Chair: Kari Alitalo and Sinem Karaman

13.30 – 14.00 **Gou Young Koh**, Daejeon - *Exploring novel lymphatics and their connections for brain clearance*
14.00 – 14.30 **Ralf Adams**, Münster - *Heterogeneity and functional specialization of blood vessels in bone*
14.30 – 15.10 **Susan Quaggin**, Chicago – *TBC*
15.10 – 15.25 Poster previews

15.25 – 16.15 Coffee break and posters

SESSION IV - Vascular metabolism and growth

Chair: Riikka Kivelä

16.15 – 16.45 **Michael Potente**, Berlin - *Regulation of vascular development by stress response pathways*
16.45 – 17.15 **Rui Benedito**, Madrid - *Vascular single-cell functional genetics and dynamics*
17.15 – 17.30 Closing of the Symposium

