

WIHURI RESEARCH INSTITUTE SYMPOSIUM

June 11, 2019, Biomedicum Helsinki, Lecture hall 1

Translational Insights into Organ-Specific Vasculature

PROGRAMME

8.00-8.50 Registration open in the arrival lobby

8.50-9.00 A few words about the Wihuri Research Institute

SESSION I **Vasculature**

09.00-09.30 Tatiana Petrova, Lausanne: Organ-specific functions of lymphatic vessels

09.30-10.00 Taija Mäkinen, Uppsala: Vascular bed-specific mechanisms of lymphatic development and disease

10.00-10.30 Lena Claesson-Welsh, Uppsala: Organotypic features of the vascular barrier

10.30-10.50 Pipsa Saharinen, Helsinki: Novel mechanisms of vascular leakage in inflammation

10.50-11.15 **Coffee break**

SESSION II **Heart**

11.15-11.45 Mauro Giacca, London: Harnessing miRNAs for cardiac regeneration

11.45-12.15 Nicola Smart, Oxford: Reactivating developmental mechanisms to vascularize the ischaemic adult heart

12.15-12.30 Markus Räsänen, Helsinki: Therapeutic potential of VEGF-B in coronary revascularization - a novel insight

12.30-13.30 **Lunch in P-floor, B-wing, and poster viewing and coffee, C-wing**

SESSION III **Adipose tissue**

13.30-14.20 **Keynote talk:** Philipp Scherer, Dallas: Adipose tissue – an organ with special requirements for vascularization

14.20-14.50 Michael Potente, Heidelberg: Metabolite signaling in the vascular endothelium

14.50-15.10 Sinem Karaman, Helsinki: Organotypic sensitivity of endothelial cells to loss of vascular endothelial growth factor signaling

15.10-15.35 **Coffee break and poster viewing**

SESSION IV **Brain, eye**

15.35-16.05 Christer Betsholtz, Stockholm: A single cell perspective on vascular biology

16.05-16.35 Alexander Flügel, Göttingen: Visualizing autoimmune CNS responses

16.35-16.50 Lauri Eklund, Oulu: The role of angiopoietin-4 in mouse vascular development

The symposium is free of charge for participants.

Registration is required and includes lunch and coffee. Registration deadline is 3.6.2019

Registration: <https://elomake.helsinki.fi/lomakkeet/98162/lomake.html> Students can receive ECTS credits.

Wihuri Research Institute - www.wri.fi, Symposium organized with DPBM - <http://www.helsinki.fi/dpbm/>