

EUROPEAN SOCIETY FOR **MICROCIRCULATION**

Young Investigator Course:

What you need to know about life in the arterial wall

Organizers:

Associate Prof. Tom Jepps, UCPH & Prof. Christian Aalkjær, AU

Monday April 24

Venue: The Concert Hall, Thomas Jensens Allé, 8000 Aarhus C

09:00-09:40

Basic principles of haemodynamics in the cardiovascular system

Associate Prof. Tom Jepps, UCPH

09:45-10:15

Exercise on exercise

Measurement of BP, CO, HR

Break

10:30-11:15

Haemodynamic changes during exercise

Prof. Stuart Eggington, University of Leeds

11:15-11:45

The coronary and mesenteric microcirculation

Prof. Ebbe Bødtkjer, Aarhus University

11:45-12:15

The cerebral microcirculation

Prof. Leif Østergaard, AUH

12:15

Lunch

12:45

Conference starts

Wednesday April 26

Venue: The Concert Hall, Thomas Jensens Allé, 8000 Aarhus C

Young Investigator Breakfast meeting: Meet the Editor

07:30 - 08:15 Prof. Brant Isakson, University of Virginia. Editor-in-chief of Journal of Vascular Research

Thursday April 27

Venue: Aarhus University campus, building 1231 (entrance via building 1230)

Mechanisms controlling vascular function - Discussions in groups - rotate every 40 min

13:20 - 17:15 Rooms: 1231-318, 320, 328 and 1231-414

Discussion Topic 1 **Ca²⁺ dependent and independent constriction of VSMCs**
Prof. William Jackson, Michigan State University

Discussion Topic 2 **Ion channels: K⁺ and Cl⁻ channels**
Prof. Iain Greenwood, St. George's University, London

Discussion Topic 3 **Perivascular Nerves**
Prof. Jo DeMey, Maastricht University

Discussion Topic 4 **The Endothelium: NO, EDHF, ET-1**
Prof. Cor De Wit, Universität zu Lübeck

Discussion Topic 5 **Perivascular Adipose Tissue**
Prof. Ed Eringa, Amsterdam UMC/Maastricht University

18:00 **Networking dinner**

This course is sponsored by Danish Cardiovascular Academy

