

Ion channels and regulation of vascular tone

One day PhD course on March 26th 2010

Venue: The Royal Danish Academy of Sciences and Letters, HC Andersens Boulevard 35, 1553
Copenhagen V

ECTS points:

Organizer: Søren-Peter Olesen (SPO@mfi.ku.dk)

Program

8.30-9.00 *Coffee and bread*

Chairmen: Stine Falsig Pedersen & Søren-Peter Olesen

9.00-9.40 **Ulrich Pohl** (University of Munich, FRG)

Overview of regulation of vascular tone – role of smooth muscle and endothelial membrane potential

9.40-10.20 **Iain Greenwood** (St Georges University, London, UK)

KCNQ channels in VSMC

10.20-10.40 Coffee

Chairmen: Nicole Schmitt & Antonio Nardi

10.40-11.20 **Rie S Hansen** (NeuroSearch, DK)

BK channels in VSMC

11.20-12.00 **Ulf Simonsen** (University of Aarhus, DK)

IK/SK-channels

12.00-13.00 Lunch

Chairmen: Ulf Simonsen & Lars Jørn Jensen

13.00-13.40 **Vladimir Matchkov** (University of Aarhus, DK)

Cl⁻ channels

13.40-14.20 **Christian Aalkjær** (University of Aarhus, DK)

Ca²⁺ channels

14.20-14.40. Coffee

Chairmen: Ulrich Pohl & Christian Aalkjær

14.40-15.20. **Niels-Henrik Holstein-Rathlou** (University of Copenhagen, Denmark)

Conducted responses

15.20-16.00 **Rudolf Schubert** (University of Mannheim, FRG)

Myogenic responses

16.00 Beer