

Day 1: MICROCIRCULATION IN SKELETAL MUSCLE

9.00-9.30	Registration & coffee
9.30-9.45	Welcome & introduction – Ylva Hellsten & Lasse Gliemann
9.45-10.45	Structure of the microcirculation – Chris Ellis
10.45-11.30	Student Poster Pitches (1 min each)
11.30-12.30	<i>Lunch</i>
12.30-13.30	Regulation of skeletal muscle angiogenesis I: Physiological factors – Stuart Egginton
13.30-14.15	Round Table Poster Sessions Part 1
14.15-14.30	<i>Coffee</i>
14:30-15:15	Round Table Poster Sessions Part 2
15.15-16.00	Regulation of skeletal muscle angiogenesis II: Angiogenic factors – Ylva Hellsten
16.00-	<i>Informal get together in town</i>

Day 2: METHODS IN CARDIOVASCULAR RESEARCH

9.00-9.30	Mingle, coffee & sign-in
9.30-10.30	Regulation of oxygen supply in skeletal muscle microvasculature – Chris Ellis
10.30-11.30	Regulation of skeletal muscle blood flow- exercise hyperemia, conducted vasodilation, vasodilator mechanisms and importance of redundancy – Coral Murrant
11.30-12.30	<i>Lunch</i>
12.30-13.30	In vivo models of angiogenesis and vascular remodeling; A non-invasive imaging approach – Margreet De Vries
13.30-14.00	Methods to determine vascular function invasively and non-invasively in humans – Lasse Gliemann
14.00-14.30	Measurements of Thrombogenicity: Platelet Methods – Line Nørregaard & Kate Wickham
14.30-15.00	<i>Coffee</i>
15.00-15.45	<i>Intro to Experimental Design – Lasse Gliemann & Ylva Hellsten</i>
15:45-17:30	<i>Group Work</i>

Day 3: EXPERIMENTS (AKB) & METHODS CONTINUED

8.30	Sign-in
8.30-12.30	Experiments – All lecturers
12.30-13.30	<i>Lunch</i>
13.30-14.30	Methods to determine angiogenesis and functional capillarization in skeletal muscle – Stuart Egginton
14.30-15.00	Introduction to the microdialysis method – Jens Jung Nielsen
15.00-15.30	<i>Coffee</i>
15.30-16.30	<i>Group Work – Analysis of Experimental Data</i>
17.00-18.00	<i>Football</i>

Day 4: VASCULAR FUNCTION: LIFESTYLE-RELATED DISEASE & PROBLEM-BASED LEARNING

7.00-8.00	Optional: Group Run
8.00-8.30	Coffee & sign-in
8.30-10.00	Group work – Preparation of Presentation
10.00-10.30	Lifestyle + CV – Per Lav Madsen
10.30-11.00	Small non-coding RNAs in vascular remodeling – Yaël Nossent
11.00-11.15	Sepsis Project – Hannah Caldwell
11.15-11.30	Hypertension + MaquiPro – Marcos Paulo Rocha Alves
11.30-12.30	Lunch
12.30-13.15	Vascular redox balance in relation to health and disease – Camilla Hansen & Sophie Møller & Ylva Hellsten
13.15-13.45	Coffee
13.45-16.00	Problem-based learning (Coral Murrant & Chris Ellis)
16.30	Common walk to the course dinner at 17.30

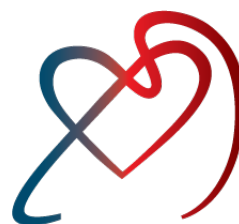
Day 5: GROUP PRESENTATIONS & WOMEN'S CARDIOVASCULAR HEALTH

7.00-8.00	Optional: Group Run
8.00-8.30	Sign-in, mingle & coffee
8.30-9.30	Group work – final preparation of presentation
9.30-11.00	Group work – presentation and discussion of data from experimental work – All lecturers (10-15 min presentation + 5-10 min Q&A = 20-ish min per group)
11.00-11.30	Course Evaluation
11.30-12.30	Lunch
12.30-13.00	Sex hormones and physical activity – Andrea Tamariz-Ellemann
13.00-13.15	LEA – Jan Sommer Jeppesen
13.15-13.30	Embryo/pregnancy/CV – Jakob Solgaard
13.30-14.15	Speed Dating Part 1
14.15-14.30	Coffee
14:30-15:15	Speed Dating Part 2
15:15-15:30	Closing Remarks – Ylva Hellsten & Lasse Gliemann

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