2020 Saltin International Graduate Webinar
Program Schedule
“Foundations to Frontiers”
Wednesday October 7 & Thursday October 8, 2020
kin.educ.ubc.ca/saltin2020

Schedule Times: are set at Eastern Standard

Day 1: Wednesday October 7

10:00 - 10:15  Introduction
Exercise Physiology, Bengt Saltin and the Canadian Perspective
Robert Boushel, University of British Columbia

10:15 - 11:00  Keynote Lecture
Exercise and IL6 – a translational perspective
Bente Klarlund Pedersen, Rigshospitalet, Copenhagen
Introduced by Mary-Ellen Harper, University of Ottawa

Session 1:  Cardiovascular Physiology
Chair: Ylva Hellsten, University of Copenhagen

11:00 - 11:30  Pulmonary-Circulatory interactions during exercise
Bill Sheel, University of British Columbia

11:30 - 12:00  Brain networks in cardiovascular regulation during exercise
TBC

12:00 - 12:30  Muscle microcirculatory regulation and oxygen flux
Graham Fraser, Memorial University

Break

Session 2:  Muscle-Neural Physiology
Chair: TBC

1:00 - 1:30  Exercise-dependent plasticity of motoneurons
Jayne Kalmar, Wilfrid Laurier University

1:30 - 2:00  Skeletal muscle adaptation to aerobic exercise training
Jenna Gillen, University of Toronto
**Day 2: Thursday October 8**

10:00 - 10:15  **Introduction**  
Exercise and Clinical Physiology -The Copenhagen Tradition  
*Michael Kjaer, University of Copenhagen*

10:15 - 11:00  **Keynote Lecture**  
TGFß2 as a novel exercise-inducible adipokine  
*Laurie Goodyear, Harvard University*  
Introduction *TBC*

**Session 1:**  **Nutrition-Metabolism**  
Chair: *Cathy Chan, University of Alberta*

11:00 - 11:30  Exercise and the gut  
*Jane Shearer, University of Calgary*

11:30 - 12:00  Exercise and the brain  
*Rebecca McPherson, Brock University*

**Break**

**Session 2:**  **Metabolism**  
Chair: *André Carpentier, Université de Sherbrooke*

12:30 - 1:00  Exercise and GDF-15 regulation of metabolism  
*David Wright, University of Guelph*

1:00 - 1:30  Muscle metabolic microstructure and exercise  
*Clara Prats, University of Copenhagen*

1:30 - 2:00  Skeletal muscle mitochondrial lifecycle: roles of exercise and obesity  
*Mary-Ellen Harper, University of Ottawa*

2:00 - 2:15  Perspectives and Future  
*Jerome Dempsey, University of Wisconsin*  
*Robert Boushel, University of British Columbia*

**Organizing Committee**

Robert Boushel, University of British Columbia  
David Wright, University of Guelph  
Mary-Ellen Harper, University of Ottawa  
Kathy Manson, University of British Columbia  
Inge Holm, Rigshospitalet, Copenhagen

*Saltin 2021 Oct 4-7 Pillar & Post, Niagra*