

First announcement



**Mitochondrial Physiology - from Organelle to Organism
August 19-23, 2019**



Mærsk Tower, Panum Institute, University of Copenhagen, Denmark.

Speakers (confirmed):

- David G. Nicholls, Buck Institute for Research on Aging, USA
- Takashi Yokota, Dept. of Cardiovascular Medicine, Hokkaido University, Japan
- Damian M. Bailey, Research Institute of Health and Wellbeing, University of South Wales, United Kingdom
- Andreas Bergdahl, University of British Columbia, Canada
- Pablo M. Garcia-Roves, Department of Physiological Sciences, University of Barcelona, Spain
- Henriette Pilegaard, Dept. of Biology, University of Copenhagen, Denmark
- Hans Hoppeler, University of Bern, Switzerland
- Martin Hey-Mogensen, Novo Nordisk, Seattle, USA
- Erich Gnaiger, Oroboros Instruments, Innsbruck, Austria
- Carolina Doerrier, Oroboros Instruments, Innsbruck, Austria
- Daniele Cardinale, Swedish School of Sport and Health Sciences, Stockholm, Sweden
- Nichlas Riise Jespersen, Dept. of Cardiology, Aarhus University Hospital, Denmark
- Amy Mendham, Dept. of Human Biology, University of Cape Town, South Africa



Mitochondrial Physiology - from Organelle to Organism

Time: August 19-23, 2019.

Venue: Mærsk tower, the Panum Institute, University of Copenhagen, Denmark.

Format: Hands-on tutorials including “meet-the-professor-in-the-lab”; guided poster presentations by PhD students, state-of-art lectures.

Number of participants:

Morning sessions with hands-on experiments: 80 PhD students/
Postdocs/students.

Other sessions: 120 (in total).

Language: English.

Organizers: Assoc. Prof. Steen Larsen DMSci, Prof. Flemming Dela, MD, Prof. Jørn Wulff Helge.

Course secretary: Jacqueline van Hall (xlabsummerschool@sund.ku.dk).

Course certificate: All participants will receive a certificate on completion of the course.

ECTS points: 3.6.

Open for registration now, registration deadline: August 1, 2019.

Deadline for poster presentation abstract: August 8, 2019.

Registration fee:

Early bird registration (until April 30, 2019) : 425 EUR.

Late registration (May 1 - August 1, 2019): 475 EUR.

(Registration fee includes course participation, lunch, course dinner and social activities).

PhD students enrolled at a Danish University will have the course fee paid by the Graduate School of Health and Medical Sciences.



Participants are responsible for finding and funding accommodation. A limited amount of rooms are available for a reduced price at CABINN Scandinavia (first come, first serve basis).

Programme

Lectures and master classes by experienced scientists in Mitochondrial Physiology.

Work-shops (parallel sessions and participant “hands-on”):

- Mitochondrial respiration (skeletal muscle).
- Mitochondrial respiration (adipose tissue).
- Mitochondrial respiration (smooth muscle cells).
- Mitochondrial reactive oxygen species production (skeletal muscle).
- Seahorse measurements.
- Microscopy (only two days).

Equipment and methods: High resolution respirometry (Oxygraph 2k; Oroboros Instruments), XF technology (Seahorse Bioscience).

- Guided poster presentations by participating students.
- Afternoon slots of 2-4 hrs.
- Social programme.

Website: www.mip.ku.dk