

Organizers:
Paulo J Oliveira
(Coimbra, Portugal)
Catarina R Oliveira
(Coimbra, Portugal)



Coimbra, Portugal, 22-24 May 2019



Pre-congress session | MitoEAGLE COST Action: Mitochondrial fitness mapping – Quality management network

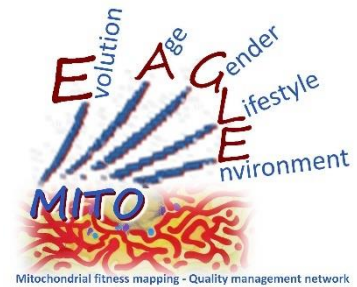
Organizer: COST Action 15203 MitoEAGLE

Date: 2019-May-22, Wednesday 9.30-13.00

Meeting room: Paquita & Quixote, Hotel Vila Gale (Congress venue 1)

Admission: Limited number of participants: 50

Pre-registration required through the congress registration form
Admissions open to all those interested in clinical research, from all areas of health care (physicians, pharmacists, nurses, study coordinators, biologists, biochemists, biomedical engineers...)



Wednesday, 22 May

9:30-10:30 Session 1: Protocols and mitochondrial physiology in skeletal muscle (WG1 and WG2)

Chair: Michalak Slawomir, Poznan, Poland

9:30 MitoEAGLE COST Action overview – *Erich Gnaiger*

9:40 A vision of preprints in mitochondrial physiology and bioenergetics – *Erich Gnaiger*

10:00 Fight against the reproducibility crisis: inter-laboratory harmonization of respiratory protocols in permeabilized mouse and human muscle fibres (WG2 progress report) – *Carolina Doerrier*

10:30-12:10 Session 2: Mitochondrial physiology in liver and neuronal tissues (WG3).

Chair: Amela Jusic, Tuzla, Bosnia and Herzegovina

10:30 Mitochondrial dysfunction in human liver transplants – *Carlos Palmeira*

10:45 Mitochondrial respiration as an early prognostic marker in liver transplantation – *Melanie Schartner*

11:00-11:30 Coffee break

11:30 Can fatty acid oxidation be specifically blocked by the CPT1 inhibitor etomoxir? (WG1 progress report) – *Timea Komlodi, Filomena Silva*

11:55 Analysis of mitochondrial function in ischemic brain model – *Odetta Arandarcikaite*

12:10-13:00 Session 3: Mitochondrial physiology in blood cells (WG4).

Chair: Erich Gnaiger, Innsbruck, Austria

12:10 An interlaboratory guide through procedures for mitochondrial respiratory studies with intact and permeabilized peripheral blood mononuclear cells and platelets (WG4 progress report) – *Michalak Slawomir*

12:30 Platelets as a biomedical marker: high-resolution respirometry of cryopreserved platelets in the Oroboros O2k-small chamber prototype – *Luiz Felipe Garcia-Souza*

12:45 Feedback and mutual expectations of a new MitoEAGLE MC member – *Amela Jusic, Erich Gnaiger*