



Agenda
2nd Working group Meeting
COST Action no. BM1203
Action Title: EU-ROS
Venue: Best Western hotel, Athens, 13-25 September 2013

Monday September 23, 2013

09.00-10.00 Joint WG round table

10.00-11.00 WG-specific round tables

11.00-11.30 Coffee break

11.30-13.00 WG5 (Imaging) scientific session
Introduction by WG leader Yves Frappart

- 11:30-11:45 A. Pavićević: In vivo and ex vivo markers for ALS
- 11:45-12:00 K. Espolin Fladmark: DJ-1 regulation of oxidative stress: Need for Imaging tools in zebrafish models
- 12:00-12:15 M. De Spirito: Imaging of cellular functions by using fluorescence ratiometric probes

14.00-16.00 WG1 (Sources of ROS) scientific session
Introduction by WG leader Ulla Knaus

- 14:00-14:15 C. Palmeira: Mitochondria, ROS and Metabolic stress
- 14:15-14:30 M. Monsalve: Mitochondria/NOX and Oxidative Stress: a two sided story
- 14:30-14:45 M. Brizzi: Un Acylated Ghrelin (UAG) a natural antioxidant: potential clinical applications.
- 14:45-15:00 A. Daiber: Oxidative stress and redox signaling in the cardiovascular system – focus on the crosstalk between mitochondria and NADPH oxidase via reactive oxygen species.
- 15:00-15:15 R. Koziel: The role of NADPH oxidase Nox4 in senescence of human endothelial cells
- 15:15-16:00 A. Klinke: The role of Myeloperoxidase-derived reactive species for cardiovascular integrity.



Tuesday September 24, 2013

09.00-11.00 WG leader/CG meeting

14.30-17.00 WG3 (Drugs and Tools) scientific session
Introduction by WG leader Tamara Seredenin

- 2:30 pm – 2:45 pm: V. Jaquet: Systematic approach for validation of tools in NOX biology.
- 2:45 pm – 3:00 pm: F. Wallner: Small molecules that activate NOX2.
- 3:00 pm – 3:15 pm: N. Chondrogianni: Study of the Proteasome and Nrf2 during ageing and replicative senescence.
- 3:15 pm – 3:30 pm: M. Lopez: Pharmacological evaluation of neuroprotective compounds and new chemical entities with NRF2 inducing properties in the UAM.

3:30 pm – 4:00 Coffee Break

- 4:00 pm – 4:15 pm: V. Křen: Chemoenzymatic preparation of phase II silybin metabolites.
- 4:15 pm – 4:30 pm: R. Darmanin Ellul: Bioluminescent NF- κ B assay: -an indicator of oxidative stress.
- 4:30 pm – 4:45 pm: A. Fernandes: Is there a role for SOD mimics in cancer therapy? Insights from in vitro assays.
- 4:45 pm – 5:00 pm: M. Phylactides: Thalassaemia, ROS and antioxidants'

18.00-20.00 EU-ROS SFFR Session

20.15 *Joint Dinner*

Wednesday September 25, 2013

09.00-10.00 WG-specific round tables

10.00-11.00 Joint WG round table



COST is supported
by the EU Framework Programme

EUROPEAN SCIENCE FOUNDATION ESF provides the COST Office
through a European Commission contract