



DoubleTree by Hilton

3A Nerva Traian Street,
Bucharest, Romania

Local organizers

“Victor Babes” National Institute of
Pathology

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Acad. Maya SIMIONESCU

Dr. Adrian MANEA

Dr. Simona-Adriana MANEA

Mihaela-Loredana ANTONESCU

**Management Committee and Working Groups Meeting
October 21-24, 2015 - Bucharest**

Wed 21th Oct

- 12:30 Registration
- 15:30-16:30 MC meeting with report of the chair (Prof. Andreas Daiber) / vice chair (Prof. Fabio Di Lisa) and WG leaders
- 16:30-17:00 *Coffee break*
- 17:00-18:00 Open discussions on previous achievements, current and future projects
- 19:00-21:00 Core group meeting / dinner

Thu 22th Oct

- WG1 session** Ulla Knaus (Ireland)
- 09:00-09:25 **Structure and functions of Nox complexes in the grey mold fungus Botrytis cinerea**
Paul Tudzynski, University Muenster, Germany
- 09:25-09:50 **Sources and signaling of ROS in plant guard cells**
Hannes Kollist, University of Tartu, Estonia
- 09:50-10:15 **Redox strategies for crop improvement**
Pavel Kerchev, Ghent University, Belgium
- 10:15-10:40 **Genetic variability of the Nrf2-dependent antioxidant response**
Anna-Liisa Levonen, Director of the A.I. Virtanen Institute for Molecular Sciences, University of Eastern Finland
- 10:40-11:05 **Welcome speech**
Acad. Maya Simionescu, Romanian Academy
- 11:05-11:30 *Coffee break*

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- WG6 session** Vincent Jaquet (Switzerland) and Gina Manda (Romania)
- 11:30-11:45 **The Extreme Light Infrastructure - Materials and biological systems under irradiation at ELI-NP**
Theodor Asavei, ELI-NP, Romania
- 11:45-12:00 **EU support for increasing Romanian competitiveness in research**
Gina Manda, "Victor Babes" National Institute of Pathology, Romania
- 12:00-12:25 **RISEing to the challenge**
Helen Griffith, UK, Aston University, UK
- 12:25-12:50 **Launching an H2020-MSCA-ETN proposal**
Maria Monsalve, Instituto de Investigaciones Biomédicas Alberto Sols, Spain
- 12:50-14:30 *Lunch*
- WG3 session** Tamara Seredenina (Switzerland)
- 14:30-14:55 **RedoximiRs and organ fibrosis**
Santiago Lamas, Centro de Biología Molecular "Severo Ochoa", Spain
- 14:55-15:20 **Graft-environment interaction in experimental renal transplantation**
Jaap Joles, University Medical Centre Utrecht, Netherland
- 15:20-15:45 **Unchanged NADPH Oxidase Activity in Nox1-Nox2-Nox4 Triple Knockout Mice: What Do NADPH Stimulated Chemiluminescence Assays Really Detect**
Flávia Figueiredo Rezende, Goethe University Frankfurt am Main, Germany
- Hot topics session & keynote lectures** Andreas Daiber (Germany) and Adrian Manea (Romania)
- 15:45-16:10 **Ultrasensitive H₂O₂ biosensors**
Vsevolod Belousov, Institute of bioorganic chemistry, Redox Biology, Russian Academy of Sciences, Moscow, Russia
- 16:10-16:35 **Nox2 and stroke**
Harald Schmidt, Faculty of Health, Medicine & Life Science (CARIM) & MIAS, Maastricht University, The Netherlands
- 16:35-17:00 *Coffee break*
- 17:00-17:25 **Bilirubin activates the aryl hydrocarbon receptor**
Jaime Kapitulnik, Institute of Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
- 17:25-18:00 **Discussions**
- 19:30 *Conference dinner*

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Fri 23th Oct

- WG2 session** Agnes Gorlach (Germany)
09:00 – 09:25 **Histone deacetylase inhibition reduces NADPH oxidase activity and expression in the aorta of diabetic mice**
Adrian Manea, Institute of Cellular Biology and Pathology "Nicolae Simionescu", Romania
- 09:25 – 09:50 **Redox regulation of FoxO activity: impact on micronutrient homeostasis**
Lars-Oliver Klotz, Friedrich Schiller University Jena, Germany
- 09:50 – 10:15 **Oxidative stress and the transulphuration pathway in astrocytes**
Gethin McBean, University College Dublin, Conway Institute, Ireland
- 10:15 – 10:40 **NADPH oxidases and hypoxia cross-talk**
Andreas Petry, German Heart Center Munich at the Technical University Munich, Germany

10:40-11:00 *Coffee break*

- WG4 session** Pietro Ghezzi (UK)
11:00-11:25 **Redox enzymes secreted in inflammation**
Sonia Leach (UK)
- 11:25-11:50 **Oxidative DOPA modifications to phosphotyrosine residues**
Luis Alvarez, National Children's Research Centre Dublin, Ireland
- 11:50-12:30 **Discussions**

12:30-14:00 *Lunch*

Independent workgroup sessions

14:00-16:00

EU-ROS café - Open discussions and networking

16:00-18:30

Sat 24th Oct

- 09:00-11:00 Core group meeting with closing remarks