

### Monday, October 6

- 17h15 Opening Lecture**  
*Redox Signaling, Oxidative Eustress and Distress*  
**Helmut Sies**

### Tuesday, October 7

- 9h00 Cardiovascular Pathophysiology**  
*The non-canonical pathway for NO: translating NO biology to the clinic*  
**Amrita Ahluwalia**  
*KEAP1/Nrf2 Pathway and its Modulation by Sulforaphane*  
**Giovanni Mann**
- 10h00 Selected Oral Presentations**
- 11h15 Nutrigenomics: Diet-driven Modulation of Gene Expression**  
*Nutrigenomics: Redox Regulation and Epigenomics*  
**Carsten Carlberg**  
*The comparison of antioxidant properties and nutrigenomic redox-related activities of vitamin C, C-vitamins, and other common ascorbic acid derivatives*  
**Agnieszka Bartoszek**
- 12h15 Selected Oral Presentations**
- 15h00 Gut Feelings**  
*Diet/Microbiome Interactions and their Role in Regulation of Intestinal Health*  
**Ana Faria**  
*Redox signaling in the gastrointestinal tract*  
**Juan Sastre**

### Wednesday, October 8

- 9h00 Environmental Interactions**  
*Aging and the role of environmental factors*  
**Tilman Grune**  
*Cutaneous Oxidative Inflammatory Responses to Pollution*  
**Giuseppe Valacchi**
- 10h00 Selected Oral Presentations**
- 11h15 Redox Cycles and Small Oxidants in Signaling**  
*Redox Regulation of Neurovascular Coupling: a mechanism-based approach driven by nitrite and ascorbic acid from diet towards cognitive enhancement*  
**João Laranjinha**  
*Hypoxia signalling by mitochondrial reactive oxygen species*  
**Antonio Martinez-Ruiz**
- 12h15 Selected Oral Presentations**
- 15h00 Round Table**  
*Free Radicals in the Lab: Identification and Quantification*
- 16h00 Career Skills**  
*Soft Skills - How to get your Research Published in a Good Journal*  
**Anthony Newman**

### Thursday, October 9

- 9h15 Energy Metabolism**  
*Redox-Metabolic Regulation and Exposure to Low Temperatures*  
**Aleksandra Jankovic**  
*Fatty acid metabolites (Acylcarnitines) that play important roles in cellular energy metabolism pathways*  
**Maija Dambrova**  
*Mitochondrial medicine and translational aspects of mitochondrial diseases*  
**Carlo Viscomi**
- 11h15 Lipid Metabolism and Redox Signaling**  
*Relationship Between Cholesterol Metabolism and Alzheimer's Disease*  
**Gabriella Leonarduzzi**  
*Oxysterols in Aging and Human Diseases*  
**Irundika Dias**
- 12h15 Selected Oral Presentations**
- 15h00 Flash Presentations from Selected Posters**
- 16h00 Closing Lecture**  
*Connecting the exposome and redox signaling in health and disease*  
**Andreas Daiber**