

Satellite Events

SFRR-E/SNFS Meeting Stuttgart 2015

September 1, 2015

University of Hohenheim, Stuttgart, Germany

Tuesday, 1 September 2015				
08:00	SFRR-E/SNFS Conference Registration Opens			
	VITAMIN E SATELLITE SYMPOSIUM			
08:30	Welcome – Prof. Jan Frank			
08:40 – 11:20	Novel aspects of vitamin E metabolism and activity Chairs: Prof. Marc Birringer, University of Applied Sciences Fulda, Germany and Prof. Jan Frank, University of Hohenheim, Stuttgart, Germany			
08:40 – 08:50	Introduction – Prof. Marc Birringer			
08:50 – 09:10	Novel activities of tocopheryl-phosphates – Prof. Angelo Azzi, Tufts, Boston, USA			
09:10 – 09:30	Intracellular sorting and metabolism of vitamin E – Prof. Jan Frank, University of Hohenheim, Stuttgart, Germany			
09:30 – 09:50	The human endometabolome of vitamin E: investigation strategies and future perspectives – Prof. Marc Birringer, University of Applied Sciences Fulda, Germany			
09:50 – 10:10	The path to functional characterization of long-chain tocopherol metabolites as immune-modulatory agents (molecular and functional characterization of long-chain metabolites) – Prof. Stefan Lorkowski, University of Jena, Germany			
10:10 – 10:30	Coffee Break			
10:30 – 10:50	Present trends in lipidomics: the case of vitamin E – Prof. Gabriele Cruciani, University of Perugia, Italy			
10:50 – 11:10	In vivo neuroprotection of vitamin E in a pharmacological model of epilepsy by glutamate excitotoxicity – Prof. Francesco Galli, University of Perugia, Italy			
11:10 – 11:30	How does vitamin E intake correlate with concentrations of tocopherols and their metabolites? – Speaker to be confirmed			
11:30 – 12:30	Lunch			
12:30 – 15:40	Vitamin E in Health and Disease Chairs: Prof. Francesco Galli, University of Perugia, Italy and Prof. Stefan Lorkowski, University of Jena, Germany			
12:30 – 12:40	Introduction – Prof. Francesco Galli			
12:40 – 13:00	Vitamin E – status, essentiality and beyond – Prof. Manfred Eggersdorfer, DSM Nutritional Products, Kaiseraugst, Switzerland			
13:00 – 13:20	Vitamin E in Alzheimer’s Disease – Prof. Maurice Dysken, University of Minnesota, USA			
13:20 – 13:40	Regulation of endoplasmic reticulum stress pathways by vitamin E in cholesterol-induced disorders – Prof. Nesrin Kartal Özer, Marmara University, Turkey		13:30 – 16:00	Elsevier Workshop on ‘Writing for Peer Review Journals’ – Anthony Newman, Elsevier
14:00 – 14:20	Immuno-modulatory effects of vitamin E in health and disease – Prof. Joan Cook-Mills, Northwestern University, USA			
14:20 – 14:40	Vitamin E-vitamin K interactions – Prof. Maret Traber, Linus Pauling Institute, Corvallis, OR, USA			
14:40 – 15:00	Closing remarks – Prof. Jan Frank			
		16:30 – 18:30	SFRR-E Executive Meeting	

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Redox Biology Meets Nutrition

September 2-4, 2015

University of Hohenheim, Stuttgart, Germany

SFRR-E/SNFS MEETING	
WEDNESDAY, 2 – FRIDAY, 4 SEPTEMBER 2015	
Wednesday, 2 September 2015	
07:00	SFRR-E/SNFS Conference Registration Opens
08:00 – 08:15	Welcome Address Prof. Jan Frank, President of SNFS, Meeting Chairman, University of Hohenheim, Germany and Prof. Giovanni Mann, President of SFRR-E, King's College London, London, UK
08:15 – 09:00	SFRR-Europe Annual Award Lecture Chair: Kelvin Davies, University of Southern California, USA Redox Biology and Metabolism in Brain Aging and Alzheimer's Disease – Prof. Enrique Cadenas, University of Southern California, USA
09:00 – 11:00	SFRR-E/SNFS Early Career Investigators Forum Chairs: Dr. Barbara Rocha, University of Coimbra, Portugal; Dr. Christina Schiborr, University of Hohenheim, Germany; and Dr. Salil Srivastava, King's College, London, UK
11:00 – 12:00	Catherine Pasquier Memorial Award Lecture (shared) Chairs: Prof. Josiane Cillard, University of Rennes 1, France and Prof. Nesrin Kartal Özer, Marmara University, Turkey Critical role of oxidative and nitrosative stress in pathophysiology: Inflammation, cell injury and cancer – Dr. Jordi Muntané, University Hospital "Virgen del Rocío"- "Virgen Macarena", Institute of Biomedicine of Seville, Spain The adventure of detecting subtle signals (such as protein nitrosothiols and superoxide) among cell traffic jams (from proteomics to hypoxia) – Dr. Antonio Martínez-Ruiz, Hospital Universitario de La Princesa, Madrid, Spain
12:00 - 13:00	Lunch SFFRE Council Meeting
13:00 – 15:00	Symposium 1 - Redox stress and aging of the skin Chairs: Prof. Giuseppe Valacchi, University of Ferrara, Ferrara, Italy and Assoc. Prof. Johannes Grillari, University of Natural Resources Vienna, Austria
13:00– 13:30	Redox-directed interventions targeting skin photodamage – Prof. Georg Wondrak, University of Arizona, USA
13:30 – 14:30	Nrf2 and epidermal barrier function – Dr. Matthias Schäfer, ETH Zürich, Zürich Switzerland
14:00 – 14:30	Organotypic skin model systems – Dr. Abdoel El Ghalbzouri, Leiden University Medical Center, Leiden, Netherlands
14:30 – 15:00	Oxidized phospholipids - markers and mediators in skin aging – Dr. Florian Gruber, Medical University of Vienna, Vienna, Austria
15:00 – 15:30	Refreshment Break
15:30 – 17:30	Parallel Oral Communication Sessions 1 + 2 (eight oral presentations per session)
17:30 – 19:30	Poster Presentations with Drinks
19:30 – 21:00	Welcome Reception with Finger Food

Thursday, 3 September 2015	
07:30	SFRR-E/SNFS Conference Registration Opens
08:15 – 10:15	Symposium 2 – Plant Redox Systems Chairs: Prof. Frank van Breusegem, Ghent University, Ghent, Belgium and Prof. Christine Foyer, Leeds University, Leeds, UK
08:15 – 08:45	Genetic predisposition of grapevine to polyphenols accumulation - Prof. Massimo Delledonne, University of Verona, Italy
08:45 – 09:15	Vitamin C: functions and evolution - Prof. Nick Smirnov, University of Exeter, UK
09:15 – 09:45	The importance of free radical scavenging to determining the shelf life of fruit - Prof. Cathie Martin, John Innes Centre - Norwich, UK
09:45 – 10:15	Glutathione transport into the nucleus - Prof. Christine Foyer, Leeds University, Leeds, UK
10:15 – 10:45	Refreshment Break
10:45 – 12:45	Session 3: ROS, metabolism and nutrition Co-organised by COST action BM1203 (EU-ROS) and supported by European Cooperation in Science and Technology Chairs: Prof. Fabio Di Lisa University of Padova, Italy and Prof. Lars-Oliver Klotz, University of Jena, Germany
10:45 – 11:15	Mitochondrial ROS formation in diabetic cardiomyopathy - Prof. Fabio Di Lisa University of Padova, Italy
11:15 – 11:45	The pivotal role of proteasome enhancement in ageing, longevity and proteostasis across species - Dr. Niki Chondrogianni, National Hellenic Research Foundation, Greece
11:45 – 12:15	Resveratrol and Foxo1 modulate glucose metabolism - Prof. Thomas Kietzmann, University of Oulu, Finland
12:15 – 12:45	Redox regulation of FoxO activity: impact on micronutrient homeostasis - Prof. Lars-Oliver Klotz, University of Jena, Germany
12:45 – 13:45	Lunch with Posters
13:45 – 14:30	SFRR Europe Clinical Science Lecture - Sponsored by DSM Chairs: Juan Sastre, University of Valencia, Spain and Prof. Giuseppe Poli, University of Torino, Italy Protein misfolding in the ER and oxidative stress synergize to promote cell death – Prof. Randal Kaufman, Sanford Burnham Institute of Medical Research, La Jolla, USA
14:30– 16:30	Symposium 3 - The Endoplasmic Reticulum as a Transducer of Redox Regulation and Cell Survival in Health and Disease Chairs: Prof. Giovanni Mann and Dr. Sarah J. Chapple, King's College London, London, UK
14:30 – 15:00	Role of molecular chaperones in protein folding in health and disease - Dr. Mark Hipp, Max Planck Institute of Biochemistry, Martinried, Germany
15:00– 15:30	The challenge of maintaining redox balance during protein folding - Prof. Neil Bulleid, University of Glasgow, UK
15:30 – 16:00	Protein misfolding and ER stress in malignancy - Prof. Stefan Marciniak, Cambridge Institute for Medical Research (CIMR), Cambridge, UK
16:00 – 16:30	Endoplasmic reticulum stress during development and progression of diabetes mellitus - Prof. Peter Arvan, University of Michigan Health System, USA
16:30 – 18:30	Poster Presentations with Drinks
18:30 – 19:30	SFRRE General Assembly
20:30 – 23:00	Gala Dinner at Mash Stuttgart (Bosch Areal)

Friday, 4 September 2015	
07:30	SFRR-E/SNFS Conference Registration Opens
08:00 – 10:00	Symposium 4 - Role of defective redox signalling in ageing Chairs: Prof. Malcolm Jackson, University of Liverpool, UK and Prof. Jose Vina, University of Valencia, Spain
08:00 – 08:30	Mitochondrial hydrogen peroxide as a key regulator of ageing processes - Prof. Peter Rabinovitch, University of Washington, Seattle, USA
08:30 – 09:00	Oxidants and cell signalling versus oxidative damage in ageing - Prof. Henry Forman, University of Southern California, USA
09:00 – 09:30	Redox proteomic approaches to understanding age-related changes in redox signalling - Dr. Brian McDonagh, University of Liverpool, UK
09:30 – 10:00	The cell signalling disruption theory of ageing: importance in Alzheimer's disease and sarcopenia - Prof. Jose Vina, University of Valencia, Spain
10:00 – 10:30	Refreshment Break
10:30 – 11:30	Parallel Oral Communication Sessions 5 + 6 (four oral presentations per session)
11:30 – 12:15	SFRR Europe Basic Science Lecture - Sponsored by Elsevier Chairs: Prof. Daniela Caporossi, University of Rome, Italy and Dr. Corinne Spickett, Aston University, United Kingdom Untangling H₂O₂ toxicity from its regulatory functions using 2-Cys peroxiredoxins and linked reductases network – Dr. Michel Toledano, Université Paris-Sud CEA-Saclay, France
12:15 – 13:15	Lunch
13:15 – 14:00	SNFS Advances in Nutrition Lecture - Sponsored by SNFS Chair: Prof. Helmut Sies, University of Düsseldorf, Germany Title to be confirmed – Prof. Barry Halliwell, National University of Singapore, Singapore
14:00 – 16:00	Symposium 5 - Protein Oxidation and Repair Chairs: Prof. Willem Koppenol, ETH Zürich, Switzerland and Prof. Christine Winterbourn, University of Otago, Christchurch, New Zealand
14:00– 14:30	Why speed matters: understanding key mechanisms of protein modification - Prof. Michael Davies, University of Copenhagen, Denmark
14:30 – 15:00	Superoxide-mediated post-translational modification of tyrosine residues - Dr. Peter Nagy, National Institute of Oncology, Hungary
15:00 – 15:30	Radical addition, a forgotten path to post-translational modification - Dr. Thomas Nauser, ETH Zürich, Switzerland
15:30 – 16:00	The good and bad sides of thiols as one-electron donors in free radical processes - Prof. Christian Schoneich, University of Kansas, USA
16:00 – 16:15	Closing Comments and Poster Prizes – Prof. Jan Frank