



**Society for Free Radical Research - Europe**



## SFRR-EUROPE MEETING PARIS 2014

Dear Colleague,

On behalf of SFRR-Europe, I am delighted to invite you to attend the SFRR-Europe 2014 Meeting in Paris, France. The meeting will be held at the Cordeliers Campus of the University Pierre and Marie Curie on September 5-7, 2014, which is between the FEBS-EMBO 2014 Conference and the HNE-Club Meeting (<http://users2.unimi.it/HNECLUB>), to be held in Paris and Toulouse, respectively. The venue is in the center of the city and within walking-distance of some of Paris' highlights : Saint Germain des Prés, Musée d'Orsay, Palais du Luxembourg, Notre Dame and Sainte Chapelle.

The meeting will give an excellent opportunity to promote communication between academics, researchers, clinicians and industry partners who are interested in free radical research, thus providing a multidisciplinary forum for delegates to gain an up-to-date overview of advances in the field. We hope that this conference will provide delegates from all countries with an opportunity for valuable scientific discussions, initiating new research links and friendships as well as enjoying the culture of Paris' numerous museums, monuments, galleries and theatres.

According to the tradition of previous SFRR Meetings, the scientific programme of SFRR - Europe 2014 "Free radicals : insight in signaling and adaptative homeostasis" will be composed of Plenary Sessions, Special Lectures, Young Investigators Symposia, Oral and Poster presentations.

Hoping that the SFRR - Europe 2014 Meeting will be a great scientific success, we are looking forward to welcoming you in Paris.

Bertrand Friguet  
President of the Organizing Committee of SFRR-Europe 2014 Meeting

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# SFRR-E Meeting Paris 2014 Programme

Free radicals: insights in signaling and adaptative homeostasis

September 5<sup>th</sup> -7<sup>th</sup>, 2014 PROGRAMME TEMPLATE

5 September 2014			
12:45 – 14:15	<b>Registration for SFRR</b>		
14:15 – 14:30	<b>Congress Opening</b>		
14:30 – 15:30	<b>SFRR Award Lecture</b> <i>Giovanni Mann (King's College London, UK)</i> <b>« Nrf2-mediated redox signalling in vascular health and disease »</b>		
15:30 – 16:30	<b>Catherine Pasquier Award Lecture</b> <i>Carmen Gómez-Cabrera</i> <b>«Antioxidants in skeletal muscle physiology. A radically different aproach»</b>		
16:30 – 18:30	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Symposium 1</b> (4x30 min including 5 min discussion)</p> <p><b>Intracellular compartmentation of glutathione and cell signaling</b></p> <p><i>Chairs – Federico Pallardo (University of Valencia, Spain) / Christine Foyer (University of Leeds, UK)</i></p> <p><b>Speakers:</b></p> <p><i>José Luis García Gimenez (University of Valencia, Spain)</i></p> <p><b>« Glutathione and cellular redox control in epigenetics regulation »</b></p> <p><i>Christine Foyer (University of Leeds, UK)</i></p> <p><b>« Possible mechanisms for accumulation of glutathione in the nucleus in plants »</b></p> <p><i>Graham Noctor (INRA - University Paris Sud, France)</i></p> <p><b>« Analysis of glutathione-NADPH systems in response to intracellular H2O2 in Arabidopsis »</b></p> <p><i>Henry J Forman (University of California, Merced, USA)</i></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Symposium 2</b> (4x30 min including 5 min discussion)</p> <p><b>Ubiquitin ligases in atrophy and neurodegeneration</b></p> <p><i>Chairs – Carmen Gomez-Cabrera (University of Valencia, Spain) / Jose Vina (University of Valencia, Spain)</i></p> <p><b>Speakers:</b></p> <p><i>Jose Viña (University of Valencia, Spain)</i></p> <p><b>« APC/Cdh E3 ubiquitin ligase in the pathophysiology of Alzheimer's disease »</b></p> <p><i>Marco Sandri (University of Padova, Italy)</i></p> <p><b>« Regulation and involvement of the ubiquitin ligases in muscle atrophy »</b></p> <p><i>Angeles Almeida (University of Salamanca, Spain)</i></p> <p><b>« The E3 ubiquitin ligase APC/C-Cdh1 coordinates neurogenesis and cortical size during development »</b></p> <p><i>Avraham Reznick (Technion Institute, Israel)</i></p> <p><b>« Involvement of E3 Ubiquitin ligases in Cigarette Smoke associated muscle</b></p> </td> </tr> </table>	<p><b>Symposium 1</b> (4x30 min including 5 min discussion)</p> <p><b>Intracellular compartmentation of glutathione and cell signaling</b></p> <p><i>Chairs – Federico Pallardo (University of Valencia, Spain) / Christine Foyer (University of Leeds, UK)</i></p> <p><b>Speakers:</b></p> <p><i>José Luis García Gimenez (University of Valencia, Spain)</i></p> <p><b>« Glutathione and cellular redox control in epigenetics regulation »</b></p> <p><i>Christine Foyer (University of Leeds, UK)</i></p> <p><b>« Possible mechanisms for accumulation of glutathione in the nucleus in plants »</b></p> <p><i>Graham Noctor (INRA - University Paris Sud, France)</i></p> <p><b>« Analysis of glutathione-NADPH systems in response to intracellular H2O2 in Arabidopsis »</b></p> <p><i>Henry J Forman (University of California, Merced, USA)</i></p>	<p><b>Symposium 2</b> (4x30 min including 5 min discussion)</p> <p><b>Ubiquitin ligases in atrophy and neurodegeneration</b></p> <p><i>Chairs – Carmen Gomez-Cabrera (University of Valencia, Spain) / Jose Vina (University of Valencia, Spain)</i></p> <p><b>Speakers:</b></p> <p><i>Jose Viña (University of Valencia, Spain)</i></p> <p><b>« APC/Cdh E3 ubiquitin ligase in the pathophysiology of Alzheimer's disease »</b></p> <p><i>Marco Sandri (University of Padova, Italy)</i></p> <p><b>« Regulation and involvement of the ubiquitin ligases in muscle atrophy »</b></p> <p><i>Angeles Almeida (University of Salamanca, Spain)</i></p> <p><b>« The E3 ubiquitin ligase APC/C-Cdh1 coordinates neurogenesis and cortical size during development »</b></p> <p><i>Avraham Reznick (Technion Institute, Israel)</i></p> <p><b>« Involvement of E3 Ubiquitin ligases in Cigarette Smoke associated muscle</b></p>
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	« Src kinase glutathionylation in epithelial mesenchymal transition »	catabolism »
18:30 – 19:30	Poster Session with drinks	
19:30 – 20h30	SFRRE Welcome Reception	

6 September 2014		
8:30 – 10:30	<p><b>Symposium 3</b> (4x30 min including 5 min discussion)</p> <p><b>Inflammation: a key driving force in disease progression</b></p> <p><i>Chairs – Giuseppe Poli (University of Turin, Italy) / Juan Sastre (University of Valencia, Spain)</i></p> <p><b>Speakers:</b></p> <p><i>María Monsalve (FCNIC Carlos III, Madrid, Spain)</i></p> <p>« ROS homeostasis and angiogenesis »</p> <p><i>Gabriella Leonarduzzi (University of Turin, Italy)</i></p> <p>« Modulation of cell signaling pathways by oxysterols in age-related human diseases »</p> <p><i>Gaetano Serviddio (University of Foggia, Italy)</i></p> <p>« Oxysterols in the orchestra of liver cell metabolism »</p> <p><i>Stephen Caldwell (University of Virginia, Charlottesville, USA)</i></p> <p>« Perspectives on cellular dysfunction in nonalcoholic steatohepatitis: a case of 'multiorganelle failure' »</p>	<p><b>Symposium 4</b> (4x30 min including 5 min discussion)</p> <p><b>Proteolysis, mitochondria and ageing</b></p> <p><i>Chairs - Anne-Laure Bulteau (University of Pau, France) / Bertrand Friguet (University Pierre and Marie Curie, Paris, France)</i></p> <p><b>Speakers:</b></p> <p><i>Kelvin Davies (University of Southern California, Los Angeles, USA)</i></p> <p>« What Goes Wrong with Lon in Ageing? »</p> <p><i>Michael Davies (Heart Research Institute, Sidney, Australia)</i></p> <p>« Modification of protein turnover by reactive species present on protein »</p> <p><i>Stathis Gonos (NHRF, Athens, Greece)</i></p> <p>« Proteasome activation as a novel anti-ageing strategy »</p> <p><i>Anne-Laure Bulteau (CNRS-University of Pau, France)</i></p> <p>« Importance of mitochondrial Lon protease in aging and neurodegenerative diseases »</p>
10:30 – 11:00	Refreshment break	
11:00 – 13:00	<b>Symposium 5</b> (4x30 min including 5 min	<b>Symposium 6</b> (4x30 min including 5 min

	<p>discussion)</p> <p><b>Protein lipoxidation: biological role and analysis (COST sponsored)</b></p> <p><i>Chairs – Corinne Spickett (Aston University, UK) / Maria Fedorova (University of Leipzig, Germany)</i></p> <p><b>Speakers:</b></p> <p><i>Claudia Maier (Oregon State University, USA)</i></p> <p><b>« Chemical strategies and tandem mass spectrometry to detect and identify protein modifications by electrophilic lipoxidation products »</b></p> <p><i>Timothy Curtiss (Queen’s University Belfast, Northern Ireland, UK)</i></p> <p><b>« The role lipid aldehydes and ALEs in the pathogenesis of diabetic retinopathy »</b></p> <p><i>Anna-Liisa Levonen (University of Eastern Finland, Finland)</i></p> <p><b>« Activation of stress signaling pathways by oxidized and nitrated lipids »</b></p> <p><i>Dolores Pérez-Sala (Centro de Investigaciones Biológicas Madrid, Spain)</i></p> <p><b>« Electrophilic prostaglandins: identification of protein targets and opportunities for drug discovery »</b></p>	<p>discussion)</p> <p><b>Trace elements</b></p> <p><i>Chairs - Vadim Gladyshev (Harvard Medical School, Boston, USA) / Laurent Chavatte (University of Pau, France)</i></p> <p><b>Speakers:</b></p> <p><i>Vadim Gladyshev (Harvard Medical School, Boston, USA)</i></p> <p><b>« Selenium and Methionine Sulfoxide Reduction »</b></p> <p><i>Ulrich Schweizer (Charité University, Berlin, Germany)</i></p> <p><b>« Role of selenoproteins in the brain »</b></p> <p><i>Stefano Sensi (University of California, Irvine, USA)</i></p> <p><b>« Metal homeostasis in dementia »</b></p> <p><i>Wolfgang Maret (King's College London, UK)</i></p> <p><b>« Redox and zinc signalling pathways converging on protein tyrosine phosphatases »</b></p>
13:00 – 15:00	<b>Lunch and Poster Session</b>	
15:00 – 16:00	<p><b>SFRRE Clinical Lecture (DSM sponsored)</b></p> <p><i>Joseph Loscalzo (Harvard Medical School, Boston, USA) : « Redox Dysregulation in Vascular Pathobiology »</i></p>	
16:00 – 18:00	<p><b>Oral Session 1 ( 6x20 min including 5 min discussion from ranked abstracts)</b></p> <p><i>Chairs – To be named</i></p> <p><b>Speakers: To be selected from the submitted abstracts</b></p>	<p><b>Oral Session 2 ( 6x20 min including 5 min discussion from ranked abstracts)</b></p> <p><i>Chairs – To be named</i></p> <p><b>Speakers: To be selected from the submitted abstracts</b></p>

18:00 – 19:00	<b>Poster Session</b>	
20:00 – 22:30	<b>Gala Dinner</b>	

<b>7 September 2014</b>		
9:30 – 11:30	<p><b>Symposium 7</b> (4x30 min including 5 min discussion)</p> <p><b>Biomarkers of age-related diseases(COST sponsored)</b></p> <p><i>Chairs – Betul Karademir (University of Marmara, Istanbul, Turkey) / Isabelle Petropoulos (University Pierre and Marie Curie, Paris, France)</i></p> <p><b>Speakers:</b></p> <p><i>Tilman Grune (University of Jena, Germany)</i></p> <p>« <b>Protein oxidation products as biomarkers</b> »</p> <p><i>Nesrin Kartal-Ozer (University of Marmara, Istanbul, Turkey)</i></p> <p>« <b>CD36 as a biomarker of atherosclerosis</b> »</p> <p><i>Jonas Bergquist (University of Uppsala, Sweden)</i></p> <p>« <b>Why do we lose it? Analytical insights into human neuromuscular degeneration</b> »</p> <p><i>Pier Mastroberardino (University of Rotterdam, Netherlands)</i></p> <p>« <b>Fibroblasts from skin biopsies as a tool for biomarker discovery in Parkinson's disease</b> »</p>	<p><b>Symposium 8</b> (4x30 min including 5 min discussion)</p> <p><b>Cardiovascular nutrigenomics: Perspectives for ageing, health span and beyond</b></p> <p><i>Chairs – Richard Siow (King's College London, UK) / Giovanni Mann (King's College London, UK)</i></p> <p><b>Speakers:</b></p> <p><i>Dragan Milenkovic (INRA - University of Clermont-Ferrand, France)</i></p> <p>« <b>MicroRNAs as novel nutrigenomic targets for cardiovascular health and disease</b> »</p> <p><i>Suzanne Ozanne (University of Cambridge, UK)</i></p> <p>« <b>Nutrigenomic programming of cardiovascular and metabolic diseases</b> »</p> <p><i>Valérie Schini-Kerth (CNRS – University of Strasbourg, France)</i></p> <p>« <b>Role of polyphenols in improving endothelial dysfunction in diabetes</b> »</p> <p><i>Cesar Fraga (University of Buenos Aires, Argentina)</i></p> <p>« <b>Molecular mechanisms of flavonoids in reducing blood pressure</b> »</p>
11:30 – 13:30	<b>Brunch and Poster Session</b>	
13:30 – 15:30	<p><b>Young Investigator Awardees Symposium ( 5x20 min including 5 min discussion)</b></p> <p><i>Chairs – Josiane Cillard (University of Rennes 1, France)</i></p>	

	<i>Audrey Desvergne (France), Konstantina Georgila (Greece), Ana Maria Martínez Tormos (Spain), Sandy Pöttsch (Germany), Sabrina Radjei (France)</i>
15:30– 16:30	<b>SFRRE Basic Science Lecture (Elsevier sponsored) – Jean Cadet (CEA Grenoble, France ):</b> <b>« Oxidative degradation pathways of cellular DNA: product formation and mechanistic insights »</b>
16:30– 17:00	<b>Closing Comments and Awards</b>