The Scientific Committee of Lisbon Polyphenols 2014 is pleased to announce the preliminary presentations for the next Polyphenols World Congress.

Among Scientific Presentations:
Day 1 – June 5, 2014

**Flavonoids & Polyphenols as Drugs: Emerging sulfated flavonoids and polyphenols as a new class of anticoagulant agents**
*Marta Correia da Silva, University of Porto, Porto, Portugal*

**Polyphenols & Chronic Inflammatory Diseases: Recent Advances & Mechanistic Perspectives**
*Diana Jurado Serra, University of Coimbra, Coimbra, Portugal*

**Human/microbial metabolites of dietary polyphenols: new actions in the cardiovascular context**
*Daniele Del Rio, University of Parma, Parma, Italy*

**Bioactivation of dietary phytochemicals by probiotics and bifidobacteria**
*Maddalena Rossi, University of Modena and Reggio Emilia, Modena, Italy*

**A short-cut to comprehensive health benefits of dietary polyphenols: the nitrate-nitrite-nitric oxide pathway**
*João Laranjinha, University of Coimbra, Coimbra, Portugal*

**Targeting Polyphenols to Brain and to Blood-Brain-Barrier: Recent Advances & Perspectives**
*Anthocyanins crossing biological barriers: recent advances & perspectives*
*Ana Faria, University of Porto, Porto, Portugal*

**Overview on Daily polyphenols intake from fresh fruits, in particular berries. Effect of berries metabolites on brain**
*Claudia Santos, Instituto de Biologia Experimental e Tecnologica, Oeiras, Portugal*
Valorization of natural polyphenols for amyloid disorders and mechanisms of action  
**Amelia Pilar-Rauter**, University of Lisbon, Lisbon, Portugal

Mechanistic Investigation of Polyphenol Bioactivities in Alzheimer’s Disease  
**Giulio Maria Pasinetti**, Icahn School of Medicine at Mount Sinai, New York, USA

Electrochemical Mapping of Polyphenol’s antioxidants activity  
**Jorge Garrido**, School of Engineering (ISEP) Polytechnic, Porto, Portugal

Polyphenols and drug discovery: is the taming of nature chemistry a solution to surpass clinical trials pitfalls?  
**Fernanda Borges**, University of Porto, Porto, Portugal

**Fred Stevens**, Oregon State University, Corvallis, USA

Hybrid Antioxidant molecules derived from flavonolignan sylbin  
**Vladimir Kren**, Academy of Sciences of the Czech Republic, Prague, Czech Republic

Development of an Antioxidant Rich Beverage and its Influence to Oxidative Stressparameter and Selected Micronutrients in Blood and Urin of Healthy People  
**Sabine Larsen-Vefring**, Lr Health & Beauty Systems GmbH, Ahlen, Germany

Pomegranate & Health: What’s Next?  
**Michael Aviram**, Rambam Medical Center, Haifa, Israel
Regular consumption of a pomegranate and grape juice improves oxidative status and causes metabolome changes in healthy adults

**Jara Perez-Jimenez, Institute of Food Science, Technology and Nutrition (ICTAN-CSIC), Madrid, Spain**

**Day 2 – June 6, 2014**

**General Overview on Proven record in phytochemical analysis - Focus on ferulic acid and its role in cross-linking of cell wall constituents**

*Mirko Bunzel, Karlsruhe Institute of Technology, Karlsruhe, Germany*

**Non-extractable polyphenols or macroantioxidants : Recent advances and Perspectives**

*Fulgencio D. Saura-Calixto, Instituto de Ciencia y Tecnología de Alimentos y Nutrición, Madrid, Spain*
Biorefinery concept with green solvents towards the phenolic valorization

Rafal Lukasik, National Laboratory for Energy and Geology, Lisbon, Portugal

Polyphenols, Bio-Waste & Bi-Products: The Hidden Gold" for Brewer's spent grain and Spent Coffee Ground
Solange I. Mussatto, University of Minho, Braga, Portugal

Pyrananthocyanins as novel food colorants Fabian Weber, University of Bonn, Germany

Polyphenols & Taste: Activation of distinct human bitter taste receptors

Susana Soares,
University of Porto, Porto, Portugal

Beer polyphenols, xanthohumol in inflammation and angiogenesis: recent Advances & Perspectives.

Rita Negrão,
Faculty of Medicine of University of Porto, Porto, Portugal
Universal Strategy for the recovery of Polyphenols: Targeting Industrials Applications
Charis Galanakis, Galanakis Laboratories, Chania, Greece

Polyphenols and inflammation: should they be considered?

Patricia Valentao,
University of Porto, Porto, Portugal

Polyphenols and Glucosinolates from leaf-salads: Characterization, Antioxidants & Antimicrobial effects

Alfredo Aires,
University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

Novel Polyphenolic Compounds as Antioxidants and anti-inflammatory agents

Artur Manuel Soares da Silva,
University of Aveiro, Aveiro, Portugal
Encapsulation modulates the bioavailability of anthocyanins and their degradation products

*Elke Richling,*
*Kaiserslautern Technical University, Kaiserslautern, Germany*

**Polyphenols & Flavonoids Delivery Systems:** - Nanoencapsulation for protective effect against colon-rectal cancer
- Nanoparticles for ocular delivery

*Joana Fangueiro,*
*University Fernando Pessoa, Porto, Portugal*

**Polyphenols & Antioxidants Incorporation into Food Packaging: Trends & Perspectives**

*Ana Sanches Silva,* *National Institute of Health Dr. Ricardo Jorge, Lisbon, Portugal*