Symposium 7 | Redox Signalling in Health and Disease

Organizer: José Viña (Valencia, Spain)
Giovanni Mann (London, UK)

Day: Thursday 23 all day
Meeting room: Meeting Room Copelia & Giselle, Hotel Vila Galé (Congress venue 1)

Thursday, 23 May

08.30-10.00 Session 1: Oxidative stress in metabolic diseases
Chairs: José Viña (Valencia, Spain)
Giovanni Mann (London, UK)

08.30-09.00 Personalized nutrition in an aging society: redox control of age-related diseases
Lars- Oliver Klotz (Jena, Germany)

09.00-09.30 Role of soluble NogoB in diabetic nephropathy: a protective role for the endothelium
Luigi Gnudi (London, UK) (30 min)

09.30-09.45 Speaker selected from submitted abstracts (15 min each)
09.45-10.00 Speaker selected from submitted abstracts (15 min each)

10:00-10:30 Coffee-break

10.30-12.30 Session 2: Oxidative stress in musculoskeletal frailty
Chairs: José Viña (Valencia, Spain)
Giovanni Mann (London, UK)

10.30-11.00 Reactive oxygen species in age-related decline of skeletal muscle and the musculoskeletal system
Malcolm Jackson (Liverpool, UK) (30 min)

11.00-11.30 Frailty: a geriatric syndrome with a strong relationship to oxidative stress
Leocadio Rodríguez Mañas (Madrid, Spain) (30 min)

11.30-11.45 Speaker selected from submitted abstracts (15 min each)
11.45-12.00 Speaker selected from submitted abstracts (15 min each)

12.00-12.30 ???

12.30-14.00 Poster session 1 and lunch
14.00-16.00  Session 3: Oxidative stress in vascular diseases  
Chairs: José Viña (Valencia, Spain)  
Giovanni Mann (London, UK)

14.00-14.30  The role of free radicals in atherosclerosis  
Anne Negre-Salvayre (Toulouse, France) (30 min)

14.30-15.00  Role of oxysterols in health and disease  
Giuseppe Poli (Torino, Italy) (30 min)

15.00-15.15  Speaker selected from submitted abstracts (15 min each)

15.15-15.30  Speaker selected from submitted abstracts (15 min each)

15.30-16.00  ??

16.00-16.30  Coffee-break

16.30-18.00  Session 4: Oxidative stress in neurodegenerative diseases  
Chairs: José Viña (Valencia, Spain)  
Giovanni Mann (London, UK)

16.30-17.00  Improvement of physiological functions in aging by exosomes derived from mesenchymal stem cells  
Consuelo Borras (Valencia, Spain) (30 min)

17.00-17.30  Aberrant redox signaling in Alzheimer’s Disease  
Joao Laranjinha (Coimbra, Portugal) (30 min)

17.30-18.00  Regulation of brain metabolism and cognitive function by astrocytic mitochondrial ROS  
Juan P Bolaños (Salamanca, España) (30 min)

18.00-19.30  Poster session 2

20.30  Congress dinner