Workshop 7 | Redox Signalling in Health and Disease

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

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

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

Two speakers 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 Víña (Valencia, Spain)
Giovanni Mann (London, UK)

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

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

Two speakers selected from submitted abstracts (15 min each)

12.30-14.00 Poster session 1 and lunch

14.00-16.00 Session 3: Oxidative stress in vascular diseases
Chairs: José Víña (Valencia, Spain)
Giovanni Mann (London, UK)

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

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

Two speakers selected from submitted abstracts (15 min each)
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)

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

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

- 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