



OXIDATIVE STRESS IN INFLAMMATION AND DISEASE

Scientific programme:

Day 1 (Thursday 21st January 2010):

12:00 Arrival & Registration Desk Opens

Session 1: Biochemistry of Oxidative stress (part 1)

13:30 Mike Murphy (Cambridge): Free radical products and metabolism targeted anti-oxidants

14:15 Helen Griffiths (Aston): Proteomics of oxidative stress modifications

15:00 COFFEE BREAK & Posters

Session 2: Biomarkers and Gases in oxidative stress research (part 1)

15:30 Yves Henrotin (Liege, Belgium): Nitrated type II collagen peptides as biomarkers of articular cartilage damage in arthritis

16:15 Ger Pruijn (Nijmegen, Netherlands): Antibodies to oxidised proteins

17:00 Welcome reception & Posters

19:00 Dinner

Day 2 (Friday 22nd January 2010):

Session 3: Biochemistry of Oxidative stress (part 2)

09:00 Ajay Shah (KCL): The NOX family of NADPH oxidases

09:45 Martin Feelisch (Warwick): The dynamics of NO-related products during inflammation in vivo

10:30 COFFEE BREAK & Posters

Session 4: Gases and biomarkers in oxidative stress research (part 2)

11:00 Salvador Moncada (UCL): ROS & RNS sensors in cardiovascular disease

11:45 Matt Whiteman (Exeter): Is H₂S a novel anti-inflammatory mediator ?

12:30 LUNCH

Session 5: Oxidative stress in disease & therapeutic strategies

13:30 Rodger Duffin (Edinburgh): Oxidative stress and apoptosis in the resolution of inflammation

14:15 Fan Chung (ICL): Oxidative stress in respiratory exacerbations and chronic inflammation

15:00 COFFEE BREAK & Posters

15:30 Ahuva Nissim (Queen Mary's) Targeting ROS modified collagen as a therapeutic strategy in RA

16:15 Paul Evans (ICL): The role of Nrf2 in cardiovascular disease & therapeutic implications

17:00 END