

ERS Lung Science Conference 2008
Lung Injury, Repair, and Remodelling
March 14 – March 16, 2008
Estoril, Portugal

Scientific Programme

Friday March 16, 2008

09:00 – 09:45: Friday Opening Lecture: Salvador Moncada (London, GB)

10:00 – 12:00: Session 1: Trigger mechanisms of lung injury – Part I

The role of oxidative stress in COPD

Peter J. Barnes (London, UK)

Chitinases and chitinase-like molecules in Th2 inflammation and asthma

Jack Elias (New Haven, USA)

Endothelial barrier function during lung injury

Joe Garcia (Chicago, USA)

+ 2 short talks chosen from submitted abstracts

13:30 – 15:00: Session 2: Trigger mechanisms of lung injury – Part II

Genetic susceptibility to asthma/airway remodelling

Stephen T. Holgate (Southampton, UK)

Cigarette smoke, antioxidant enzymes, and antioxidant strategies in airway diseases

Vuokko Kinnula (Helsinki, Finland)

+ 2 short talks chosen from submitted abstracts

15:30 – 17:00: Session 3: Cellular responses to injury – Part I: Resident cell fate determinants

Mechanisms of apoptosis in respiratory disease

Kazuyoshi Kuwano (Tokyo, Japan)

Epithelial-mesenchymal transition in lung injury

Hal A. Chapman (San Francisco, USA)

Protein C anticoagulant activity in relation to anti-inflammatory and anti-apoptotic activities

John Griffen (La Jolla, USA)

+ 2 short talks chosen from submitted abstracts

17:30 - 19:30: Poster discussion sessions

19:30: Reception and dinner

Saturday March 17, 2008

08:30 – 09:15: The Ingredients of a successful physician-scientist

Werner Seeger (Giessen, Germany)

09:15 – 10:45: Session 4: Cellular response to lung injury – Part II: Cellular recruitment mechanisms

Cellular recruitment mechanisms following lung injury

Cory Hogaboam (Ann Arbor, USA)

Function of the myofibroblast during tissue repair

Boris Hinz (Lausanne, Switzerland)

The contribution of bone marrow derived progenitor cells to lung remodelling

Robert Strieter (Charlottesville, USA)

11:00 - 13:00: Young Investigator Award session

16:00 – Discovering Estoril

Sunday March 18, 2008

08:30 – 10:30: Session 5: Outcomes of lung injury: Resolution of lung inflammation

Resolution of alveolar oedema following viral injury

Sadis Matalon (Birmingham, USA):

Resolution of inflammation: the beginning programs the end

John Savill (Edinburgh, UK)

Alveolar epithelial cell plasticity in lung injury, repair and fibrosis

Zea Borok (Los Angeles, USA)

+ 2 short talks chosen from submitted abstracts

11:00 – 13:00: Session 6: Outcomes of lung injury: ECM dynamics and remodelling

Matrix metalloproteinases: central role in ECM remodelling

Gillian Murphy (Cambridge, UK)

Cell-matrix interactions determine cell fate during lung injury

Lynne Schnapp (Seattle, USA)

The fate of lung fibrosis: reversible or not?

Jack Gauldie (Hamilton, Canada)

13:30 – Lunch and departure