



# 12<sup>th</sup> INTERNATIONAL WORKSHOP ON CARDIOVASCULAR BIOLOGY AND TRANSLATIONAL MEDICINE

## DRAFT PROGRAMME

Royal College of Physicians  
St Andrews Place, Regent's Park, London

Organising Committee:

Dame Carol Black, Jeremy Pearson, Michael Dashwood, Christopher Denton,  
Gerry Coghlan, Clive Handler, Lucie Clapp, Alan Holmes, Markella Ponticos,  
Beata Wojciak-Stothard, Adrian Hobbs, James Leiper, David Abraham

Friday 8<sup>th</sup> September 2017

08:30 REGISTRATION AND COFFEE SELIGMAN LECTURE THEATRE

09:10 Welcome and Introduction Jeremy Pearson

### Session 1: Cardiovascular Repair and Regeneration

Chairs: Beata Wojciak-Stothard (IC) and Alan Holmes (UCL)

09:15 **Keynote:** Epigenetic control of perivascular cell plasticity during injury-repair and in disease Gary Owens  
University of Virginia

10:00 Nuclear re-programming for cell therapies in pulmonary vascular disease Amer Rana  
University of Cambridge

10:30 Novel therapies for heart failure Angela Clerk  
University of Reading

11:00 MORNING COFFEE

### Session 2: Signalling in the Cardiovascular System

Chairs: Markella Ponticos (UCL) and James Leiper (MRC-CSC)

11:30 NADPH and oxidative stress in vascular disease Caroline Wheeler-Jones  
Royal Veterinary College

11:50 Redox sensing and signalling in the cardiovascular system Phil Eaton  
Kings College London

12:10 NOS as a redox signalling 'hub' in the cardiovascular system Mark Crabtree  
University of Oxford

12:30 LUNCH

### Session 3: Regulatory Genes and Pathways in Cardiovascular Disease

Chairs: Ines Pineda Torra (UCL) and Adrian Hobbs (QMUL)

**Keynote:** Leon de Windt  
Maastricht University, Netherlands

13:30 MicroRNAs in cardiovascular remodelling

14:10 An integrative approach to identify pathophysiology driving outcome in heart failure Erik Michaëlsson  
AstraZeneca

14:35 Identifying new genes that cause congenital heart disease Anna Wilsdon  
University of Nottingham

15:00 AFTERNOON TEA

### Session 4: Pulmonary Vascular Disease

Chairs: Lucie Clapp (UCL) and Gerry Coghlan (Royal Free Hospital)

15:30 **Keynote:** The potential for stratified medicine in PAH Martin Wilkins  
Imperial College London

16:15 Mechanisms of inflammation in the pulmonary vasculature and in pulmonary arterial hypertension Elaine Soon  
University of Cambridge

16:40 Advances in the treatment and management of pulmonary vascular disease Phil Marino  
King's College London

17:10 CLOSE OF MEETING & WINE RECEPTION NETWORKING SESSION IN THE GARDEN