



15th INTERNATIONAL WORKSHOP ON CARDIOVASCULAR BIOLOGY AND TRANSLATIONAL MEDICINE

PROGRAMME (DRAFT)

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, Philip Marino, Alan Holmes, Markella Ponticos,
Beata Wojciak-Stothard, Adrian Hobbs, James Leiper, David Abraham

Friday 4th September 2020

08:30 REGISTRATION AND COFFEE SELIGMAN LECTURE THEATRE

09:20 Welcome and Introduction Dame Carol Black

Session 1: 'Hot Topics' in Cardiovascular Biology		
Chairs:	Beata Wojciak-Stothard and James Leiper	
09:30	Stefan Offermanns Regulation of vascular tone and remodelling in health and disease	Max-Planck-Institute for Heart and Lung Research, Germany
10:00	Barbara Casadei Nitric oxide (NO) and redox signalling in the myocardium	University of Oxford
10:30	Live Q&A session	

11:00 MORNING BREAK

Session 2: Inflammation in Cardiovascular Disease		
Chairs:	Alan Holmes and Philip Marino	
11:30	Oliver Söhnlein The role of neutrophils in inflammation in CVD	Ludwig-Maximilians-University of Munich, Germany
12:00	Jim Crawley Novel mechanisms of immunothrombosis	Imperial College London
12:30	Jonathan Gibbins Studying and modelling thrombosis <i>in silico</i> : Challenges and insights	University of Reading
13:00	Live Q&A session	

13:00 LUNCH BREAK

Session 3: Genomics and Genetics		
Chairs:	Adrian Hobbs and Markella Ponticos	
14:00	Sir Mark Caulfield 100K genomes Project- 2020 Update	William Harvey Research Institute, QMUL
14:30	Eva van Rooij Single-cell sequencing of the mammalian heart	University Medical Center Utrecht, The Netherlands
15:00	Live Q&A session	

AFTERNOON BREAK

Session 4: Pulmonary Arterial Hypertension		
Chairs:	Gerry Coghlan and Lucie Clapp	
15:30	Laura Southgate Molecular genetics of pulmonary arterial hypertension	St George's University of London
16:00	Ralph Schermuly Role of cyclin-dependent kinases pulmonary arterial hypertension	University of Giessen, Germany
16:30	Vivek Muthurangu Translational cardiovascular imaging in pulmonary arterial hypertension	University College London
17:00	Live Q&A session	

17:30 Closing Remarks by Jeremy Pearson

