



17th INTERNATIONAL WORKSHOP ON CARDIOVASCULAR BIOLOGY AND TRANSLATIONAL MEDICINE

Programme

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

Organising Committee:

Dame Carol Black, 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 2nd September 2022

09:00 Registration

09:20 Welcome and Introduction

Dame Carol Black

Session 1: Hot topics in Cardiovascular Disease

Chairs: *Clive Handler (RFL/UCL) and Vidya Mohamed Ali (UCL)*

9:30 Michela Nosedà Imperial College London
The molecular and cellular drivers of heart failure

10:00 Rafael Kramann Aachen University, Germany
Spatial Omics in myocardial infarction or transcriptomics

10:30 Beverley Hunt King's College London
Covid and thrombosis

11:00 **MORNING BREAK**

Session 2: Early Career Researchers

Chairs: *James Leiper (Glasgow) and Markella Ponticos (UCL)*

11:30 Svetlana Reilly University of Oxford
Cardiac fibrosis and atrial fibrillation

12:00 Charlie Scarff University of Leeds
Exploring the structural basis of inherited heart disease

12:30 Wei Li University of Cambridge
Role of endoglin in cardiovascular disease

13:00 **LUNCH BREAK**

Session 3: Approaches to Therapy in Cardiovascular Disease

Chairs: *Adrian Hobbs (QMUL) and Beata Wojciak-Stothard (ICL)*

14:00 Adam W. Feinberg Carnegie Mellon University, USA
Advances in engineering the human heart

14:30 Mauro Giacca King's College London
Gene therapy in cardiovascular disease

15:00 Ingrid Fleming Goethe University, Germany
Cardiovascular cell signal transduction pathways to better understand disease and develop therapies

15:30 **AFTERNOON BREAK**

Session 4: Cerebrovascular and Pulmonary Vascular Disease

Chairs: *Gerry Coghlan (RHF) and Lucie Clapp (UCL)*

16:00 David Montani Hôpitaux Universitaires Paris-Sud, France
From pathophysiology to novel therapeutic targets for PAH

16:30 Allan Lawrie Imperial College London
Role of Macrophage subsets in PAH

17:00 Atticus Hainsworth St George's University of London
Vascular causes of dementia. Advances in understanding and treatment

17:30 **Closing Remarks by Jeremy Pearson**

17:45 **Reception in RCP Garden**

