

Image: Stefan Russo, William Harvey Research Institute, Queen Mary University of London

The 19th Annual
John Vane Memorial Symposium

on Prostacyclin Science and Pulmonary Vascular Disease

15th–16th March 2024

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Foreword

Professor Chris Thiernemann FMedSci

Dear Friends and Colleagues,

It is wonderful to welcome you to the 19th John Vane Memorial Symposium on Prostacyclin Science and Pulmonary Vascular Disease here at The Royal Society in London. Many thanks to United Therapeutics for their valued, ongoing support of the symposia series.

This year's scientific programme covers a wide range of exciting and highly-relevant topics focused on the very latest research and treatment developments in PAH. The highlights include talks on the way in which reflexes integrate immunity in homeostasis and disease, several talks relating to functional abnormalities of the right ventricle in PH, a session on definition, diagnosis, pathophysiology treatment and quality of life in PH associated with

interstitial lung disease, an overview of invasive methods and/or remote monitoring of PH, the differential diagnosis between PAH and HFpEF as well as CT and MRI as imaging modalities in PH.

We will also discuss the pharmacology and clinical impact of the inhibition of activin signalling in PH, triple combinations of drugs in PAH, new treatment approaches for PH due to left heart disease and review upcoming topics of the 7th World Symposium on Pulmonary Hypertension in Barcelona in 2024.

I and the rest of the organising team very much look forward to catching-up with you during the programme breaks and to hearing your thoughts on this year's presentations. As ever, we greatly value your feedback on our symposium

and welcome receiving your views for future topics for inclusion on the symposia agenda and any other relevant thoughts on the series.

On behalf of everyone on the symposium organising team I would like to wish you an enjoyable and constructive time here and a wonderful time in London.

With warmest regards,

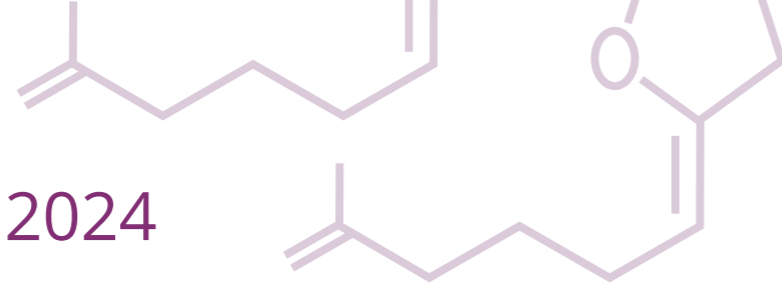
Chris



Professor Chris Thiernemann, MD PhD FBPhS FRCP FMedSci
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Some of the 2023 Speakers at the Royal Society



Friday, 15th March 2024

08.30-09.20 Registration, tea and coffee

09.20 Welcome
Chris Thiemermann, Queen Mary University of London, UK

Session I

Chairs: Chris Thiemermann, Queen Mary University of London, UK
Brendan Whittle, Queen Mary University of London, UK

09.30 Reflexes integrate immunity in homeostasis and disease
Kevin J. Tracey, MD The Feinstein Institutes for Medical Research, Manhasset, NY, USA

10.00 Response of the right ventricle (RV) to PH
Frances de Man, Amsterdam UMC, Amsterdam, The Netherlands

10.30 Refreshments

Session II

Chairs: Marc Humbert, Universite Paris-Sud, Paris, France
Irene Lang, Medical University of Vienna, Vienna, Austria

11.00 Inhibition of activin signalling in PH
Marc Humbert, Universite Paris-Sud, Paris, France

11.30 Assessing RV function: from gold standard conductance catheterisation to non-invasive surrogates of load-independent contractility
Khodr Tello, University of Giessen, Giessen, Germany

12.00 Assessing RV function by echocardiography: which parameters are prognostically relevant?
Roberto Badagliacca, La Sapienza University of Rome, Rome, Italy

12.30 Lunch

Session III

Chairs: Michele D'Alto, Monaldi Hospital, Naples, Italy
Vallerie McLaughlin, University of Michigan, Ann Arbor, MI, USA

14.00 Remote monitoring in patients with pulmonary hypertension
Alex Rothman, University of Sheffield and Sheffield Teaching Hospitals NHS Foundation Trust

14.30 Differential diagnosis between PAH and HFpEF: beyond right heart catheterisation
Michele D'Alto, Monaldi Hospital, Naples, Italy

15.00 Triple combinations of drugs in PAH
Athenais Boucly, Universite Paris-Saclay, Paris, France

15.30 Refreshments

Session IV

Chairs: Mardi Gomberg-Maitland, George Washington University, Washington D.C., USA
Nick Rahaghi, Brigham and Women's Hospital, Boston, MA, USA

16.00 PH left heart disease: trials and tribulations
Mardi Gomberg-Maitland, George Washington University, Washington D.C., USA

16.30 Sneak preview: World Congress 2024
Vallerie McLaughlin, University of Michigan, Ann Arbor, MI, USA

17.00-18.30 Meeting adjournment and evening reception at the Royal Society

Saturday, 16th March 2024

08.30 Tea and coffee

Session V

Chairs: Irene Lang, Medical University of Vienna, Vienna, Austria
Steve Nathan, Inova Fairfax Hospital, Falls Church, VA, USA

09.30 Impact of PH on clinically significant outcomes in patients with ILD
Joyce Lee, University of Colorado, Aurora, CO, USA

10.00 PH associated with interstitial lung disease (ILD): definitions, diagnosis and pathophysiology
Oksana Shlobin, Inova Fairfax Hospital, Falls Church, VA, USA

10.30 Management of pulmonary hypertension associated with ILD
Steve Nathan, Inova Fairfax Hospital, Falls Church, VA, USA

11.00 Refreshments

Session VI

Chairs: Ardeschir Ghofrani, University of Giessen, Giessen, Germany
Oksana Shlobin, Inova Fairfax Hospital, Falls Church, VA, USA

11.30 Impact of PH-targeted medications on the right ventricle - clinical implications
Ardeschir Ghofrani, University of Giessen, Giessen, Germany

12.00 Imaging modalities in PH: MRI
David Kiely, Sheffield Teaching Hospitals NHS Trust, Sheffield, UK

12.30 Imaging modalities in PH: CT
Nick Rahaghi, Brigham and Women's Hospital, Boston, MA, USA

13.00 Lunch

14.00 Close of meeting



Daphne Vane Media Training Scheme

In 2023, The William Harvey Research Foundation (WHRF) and the John Vane Academy launched the first annual Daphne Vane Media Training Bursary Scheme.

The award scheme has been made possible by the kind generosity of the late Lady Daphne Vane's Estate. The media training scheme provides an exciting opportunity for current Faculty of Medicine and Dentistry students at Queen Mary University, London (QMUL) to accelerate their careers by learning media-specific skills in a state-of-the-art recording studio in Reading, here in the UK. The Studio is operated by the leading media company, Media First.

Five successful entrants were awarded places on the 2023/24 scheme which provided participants with the valuable opportunity to present their research in a comprehensible and engaging way via the media to audiences as diverse as the general public, politicians and healthcare-facing stakeholder groups.

This year's participants learnt how to prepare for media interviews (including radio, TV and podcasting), how to communicate key messages effectively as well as how to best manage complex or challenging questions. The training aims to increase participants' confidence when communicating scientific research to the press whilst helping them enjoy the process.

We would like to thank everyone who has been instrumental in developing this new initiative and Professor Rod Flower, in particular, for his dedication to this scheme. We look forward to the scheme's success which will run for the foreseeable future.

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15th–16th March 2024

The Royal Society, London, UK

Faculty Chair

Chris Thiemermann, Queen Mary University of London, UK

Session Chairs:

Michele D'Alto

Monaldi Hospital, Naples, Italy

Ardeschir Ghofrani

University of Giessen, Giessen, Germany

Mardi Gomberg-Maitland

George Washington University, Washington D.C., USA

Marc Humbert

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Chris Thiemermann

Queen Mary University of London, UK

Brendan Whittle

Queen Mary University of London, UK



The 19th John Vane Memorial Symposium on Prostacyclin Science & Pulmonary Vascular Disease has been approved by the Federation of the Royal Colleges of Physicians of the United Kingdom for 8 category 1 (external) CPD credits.

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