

# **20<sup>th</sup> John Vane Memorial Symposium on Prostacyclin Science & Pulmonary Vascular Disease**

## *Faculty Chair*

**Chris Thiemermann**, Queen Mary University of London, UK

## *Session Chairs*

**Michele D'Alto**, Mondali Hospital, Naples, Italy

**Hilary DuBrock**, Mayo Clinic, Rochester, MN, USA

**Ardeschir Ghofrani**, University of Giessen, Giessen, Germany

**Marius Hoepfer**, University of Hannover, Hannover, Germany

**Marc Humbert**, Universite of Paris-Saclay, Paris, France

**David Kiely**, Sheffield Teaching Hospitals NHS Trust, Sheffield, UK

**Martin Kolb**, McMaster University, Hamilton, Canada

**Irene Lang**, Medical University of Vienna, Vienna, Austria

**Karen Olsson**, University of Hannover, Hannover, Germany

**Chris Thiemermann**, Queen Mary University of London, UK

**Jason Weatherald**, University of Alberta, Edmonton, Canada

**Brendan Whittle**, Queen Mary University of London, UK

**7<sup>th</sup> and 8<sup>th</sup> March 2025**

**The Royal Society**

**6-9 Carlton House Terrace, London, SW1Y 5AG, UK**

CPD credits TBC

# Friday, 7<sup>th</sup> March 2025

**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** Hijacking the autonomic nervous system to improve health  
*Gareth Ackland, Queen Mary University of London, UK*

**10.00** Challenging the pulmonary circulation: Why and how?  
*Michele D'Alto, Mondali Hospital, Naples, Italy*

**10.30** Refreshments

## Session II

**Chairs:** *Hilary DuBrock, Mayo Clinic, Rochester, MN, USA*  
*David Kiely, Sheffield Teaching Hospitals NHS Trust, Sheffield, UK*

**11.00** Imaging and AI in the Diagnosis and Assessment of PH  
*Andy Swift, Sheffield Teaching Hospitals NHS Trust, Sheffield, UK*

**11.30** AI in the early diagnosis of PH  
*Hilary DuBrock, Mayo Clinic, Rochester, MN, USA*

**12.00** AI and early diagnosis of PH and ILD  
*Tejaswini Kulkarni, University of Alabama, Birmingham, AL, USA*

**12.30** Lunch

## Session III

- Chairs:** *Michele D'Alto, Mondali Hospital, Naples, Italy*  
*Martin Kolb, McMaster University, Hamilton, Canada*
- 14.00** Novel Mechanism of ILD  
*Katerina Antoniou, University of Crete, Heraklion, Crete, Greece*
- 14.30** Anti-fibrotic effects of Treprostinil  
*Martin Kolb, McMaster University, Hamilton, Canada*
- 15.00** Inhaled Treprostinil in chronic lung diseases with or without PH: where do we stand?  
*Chris King, Inova Fairfax Hospital, Falls Church, VA, USA*
- 15.30** Refreshments

## Session IV

- Chairs:** *Irene Lang, Medical University of Vienna, Vienna, Austria*  
*Marc Humbert, University of Paris-Saclay, Paris, France*
- 16.00** Future directions in pulmonary vascular disease: from bench to bedside  
*Ardeschir Ghofrani, University of Giessen, Giessen, Germany*
- 16.30** Inhaled guanylate cyclase stimulators and activators for the treatment of pulmonary hypertension  
*Marc Humbert, University of Paris-Saclay, Paris, France*
- 17.00** Metamphetamin-induced PH  
*John Kingrey, Integrus Health, Oklahoma City, OK, USA*
- 17.30-18.30** Meeting Adjournment and Evening Reception at the Royal Society

# Saturday, 8<sup>th</sup> March 2025

08.30 Tea and coffee

## Session V

**Chairs:** *Ardeschir Ghofrani, University of Giessen, Giessen, Germany*  
*Karen Olsson, University of Hannover, Hannover, Germany*

09.30 Novel clinical trial designs and endpoints in PH  
*Jason Weatherald, University of Alberta, Edmonton, Canada*

10.00 Activin signalling inhibitors in PH  
*Marius Hoeper, University of Hannover, Hannover, Germany*

10.30 Pregnancy and PH  
*Karen Olsson, University of Hannover, Hannover, Germany*

11.00 Refreshments

## Session VI

**Chairs:** *Marius Hoeper, University of Hannover, Hannover, Germany*  
*Jason Weatherald, University of Alberta, Canada*

11.30 Debate: WHO Group with lung phenotype: Is it WHO Group 1 or WHO Group 3?

It is Group 1!

*Stephen Mathai, John Hopkins University, Baltimore, ML, USA*

It is Group 3!

*Lucilla Piccari, Hospital Del Mar Medical Research Institute, Barcelona, Spain*

12.30 Discussion

13.00 Lunch

14.00 Close of meeting