

Fifth John Vane Memorial Symposium on Prostacyclin Science and Pulmonary Vascular Disease

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19-20 March 2010
Royal Institution of Great Britain, London, UK

Faculty Chair

Professor Sir Magdi Yacoub, FRS, The Magdi Yacoub Institute, Imperial College, London, UK

Session Chairs

Professor Marc Humbert, Paris, France

Professor Andrew Peacock, Glasgow, UK

Professor Dame Julia Polak, London, UK

Professor Jean-Luc Vachiéry, Brussels, Belgium

Allocated 9 CPD credits by the Royal College of Physicians

WILLIAM HARVEY CONFERENCES

 **United
Therapeutics**
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19 March 2010

9-10am Registration, tea and coffee

10am Welcome

Pharmacology of Prostacyclin and New Therapeutic Approaches

Chair: Andrew Peacock, Scottish Pulmonary Vascular Unit, Glasgow, Scotland

10.10am Evolution of the Prostacyclin Family
Brendan Whittle, William Harvey Research Institute, London, UK

10.40am PPARs, Prostacyclin and PAH
Lucie Clapp, University College London, London, UK

11.10am NOTCH-3 and PAH
Patricia Thistlethwaite, University of California San Diego, La Jolla, USA

11.40am Refreshments

12.00pm Prostacyclin for Chronic Thromboembolic Pulmonary Hypertension
Irene Lang, University of Vienna, Vienna, Austria

12.30pm New Advances in Prostacyclin Therapy for PAH
Lewis Rubin, University of California San Diego, La Jolla, USA

1pm Lunch

Clinical Developments in PAH

Chair: Jean-Luc Vachiéry, Erasmus University of Brussels, Brussels, Belgium

2pm Right Ventricular Adaptation in Patients with PAH
Dario Vizza, Università La Sapienza, Rome, Italy

2.30pm Pregnancy in Patients with Pulmonary Hypertension : Are There Any Exceptions?
Mordechai Kramer, Rabin Medical Centre, Beilinson Hospital, Petah Tikva, Israel

3pm Infection Risk of Prostanoids: Fact and Fiction
Bob Bourge, University of Alabama, Birmingham, USA

3.30pm Refreshments

4.00pm **Pro-Con Debate: The New European Guidelines Are Exactly What We Need!**
Moderator: **Andrew Peacock, Scottish Pulmonary Vascular Unit, Glasgow, Scotland**
Pro: **Jean-Luc Vachiéry, Brussels, Belgium and Robert Naeije, Brussels, Belgium**
Con: **Dario Vizza, Rome, Italy and Lewis Rubin, La Jolla, USA**
View of the Regulating Authority: **Helder Mota-Filipe, InfraMed, Lisbon, Portugal**

5.00pm Adjournment

7.30pm Conference Dinner

Regenerative Medicine, Stem Cells and PAH

Chair: Dame Julia Polak, Imperial College, London, UK

- 9.30am** Stem Cells and Lung Generation
David Warburton, Saban Research Institute, Children's Hospital, Los Angeles, USA
- 10am** Endothelial Progenitor Cell Therapy for PAH
Duncan Stewart, University of Toronto, Toronto, Canada
- 10.30am** Bone-marrow Derived c-kit⁺ Cells in PAH
Marc Humbert, Université Paris-Sud, Paris, France
- 11am** Refreshments
- 11.30am** Gene Therapy in Lung Transplantation
Shaf Keshavjee, University of Toronto, Toronto, Canada
- 12pm** Protecting the Heart with Stem Cells
Ken Suzuki, William Harvey Research Institute, London, UK
- 12.30pm** Lunch

Challenges in PAH and Selected Oral Communications

Chair: Marc Humbert, Université Paris-Sud, Paris, France

- 1.30pm** Risk Stratification
Olivier Sitbon, Université Paris-Sud, Paris, France
- 2pm** Endpoints in Clinical Trials
Andrew Peacock, Scottish Pulmonary Vascular Unit, Glasgow, Scotland
- 2.30pm** Future Strategies
Jean-Luc Vachiéry, Erasmus University Hospital, Brussels, Belgium
- 3pm** Refreshments
- 3.30pm** A Single Center, Prospective, Open-Label, Pilot Study, Evaluating the Safety and Efficacy of IV/SQ Treprostinil in the Treatment of Pulmonary Hypertension Associated with Advanced Interstitial Lung Disease
R. Saggat, J.A. Belperio, S. Shapiro, S.S. Weigt, A. Derhovanessian, J.P. Lynch, R. Saggat David Geffen School of Medicine, UCLA, Los Angeles, USA
- 3.45pm** Right Ventricular Failure in Prolonged Overcirculation-induced PAH in Piglets
L. Dewachter, B Rondelet, F Kerbaul, C. Dewachter, X. Kang, P. Fesler, S. Brimiouille, R. Naeije Free University of Brussels, Brussels, Belgium
- 4.00pm** Subcutaneous Treprostinil in Paediatric Patients with Severe Pulmonary Hypertension
M.J. Cerro, L. Deiros, J. Menendez, A. Gomez, C. Labrandero, M.I. Barrios, M.C. Martinez, L. Albajara "La Paz" Children's Hospital, Madrid, Spain
- 4.15pm** Close of meeting