

Challenges in Inherited Cardiovascular Disease 2015

28 August 2015

Institute of Child Health

- 8:00 am** Registration and coffee
- 9:00 am** Welcome and Introduction
Perry Elliott, UCL and Barts Heart Centre
- SESSION 1** PERSONALISED MEDICINE
- 09:15 am** Keynote Speaker: What are the implications of stratified medicine for cardiology
Euan Ashley, Stanford Center for Inherited Cardiovascular Disease
- 09:45 am** New models for predicting outcomes in hypertrophic cardiomyopathy
Costas O'Mahony, Barts Heart Centre
- 10:05** Individual substrate in Brugada Syndrome/Early Repolarisation
Neil Srinivasan, Barts Heart Centre
- 10:25** Application of tissue proteomics to rare cardiovascular disease
Kevin Mills, UCL
- 10.45-11.15** Coffee Break
- SESSION 2** *TRANSLATION OF NEW GENERATION SEQUENCING INTO HUMAN DISEASE*
- 11:15 am** Keynote: 100,000 Genome Project
Mark Caulfield, William Harvey Research Institute, Barts and The London School of Medicine and Dentistry, Queen Mary University of London
- 11:45 am** Genetic complexity in hypertrophic cardiomyopathy
Luis Lopes, Hospital Garcia de Orta, Almada, Portugal
- 12:05 pm** Molecular autopsy in Sudden Arrhythmic Death Syndrome
Laurence Nunn, Maidstone & Tunbridge Wells NHS Trust

- 12:25 pm** The interface between complex and single gene traits: Lessons from Hypertension
Patricia Munroe, Queen Mary University of London
- 12:45** **LUNCH**
- SESSION 3** **TREATMENT FRONTIERS IN INHERITED CARDIOVASCULAR DISEASE**
- 1:45 pm** Keynote Speaker: Targeting sarcomere mutations in HCM and DCM
James Spudich, Stanford University School of Medicine
- 2:15 pm** Keynote Speaker: Inherited arrhythmias: when genetics impact on clinical management
Peter Schwartz, IRCCS Istituto Auxologico Italiano, Milan, Italy
- SESSION 4** **INDUSTRY FORUM**
- 2:45 pm** Industry approach to safer & more effective devices
Angelo De Rosa, Boston Scientific
- 3:05 pm** Zero to One: Pioneering precision cardiovascular medicine
Jonathan Fox, MyoKardia
- 3:25 pm** Chaperone therapy, a novel personalised approach for inherited disorders
Willem van Weperen, Amicus Therapeutics
- 3:45 pm** Genzyme
- 4:05 pm** **COFFEE BREAK**
- SESSION 5** **PATIENT CENTRED RESEARCH AND CARE**
- 4:30 pm** Listening to the patient voice in care and research
Alastair Kent OBE, Genetic Alliance UK
- 4.45 pm** Meeting the needs of people with cardiomyopathy
Joel Rose, Cardiomyopathy UK
- 5.00 pm** Closing Remarks
Aroon Hingorani, UCL
- 5.10 pm** **Networking Reception**
- Please note: Programme is provisional and subject to change at organiser's discretion**