

RDM Annual Symposium

Monday 6th March, 2017

Venue: Saïd Business School, Park End Street, Oxford, OX1 1HP

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- 08.50 – 09.15 Registration**
- 09.15 – 09.20 Welcome from Professor Hugh Watkins**
- 09.20 – 10.40 Session 1**
Chair: Professor Alison Banham, NDCLS
- 09.20 – 09.40 Professor Pares Vyas, WIMM/NDCLS
Bringing a new targeted first-in-class IDH2 inhibitor therapy for Acute Myeloid Leukaemia to the clinic
- 09.40 – 10.00 Professor Craig Lygate, Associate Professor of Cardiovascular Physiology, CVM
Cardiac energetics in ischaemia
- 10.00 – 10.20 Dr Nicola Beer, OCDEM
Using human stem cell-derived islet-like cells to study diabetes pathology
- 10.20 – 10.40 Dr Marco Fritzsche, WIMM/IMD
Investigating actin cytoskeletal dynamics in T-cell activation
- 10.40 – 11.10 Break**
- 11.10 – 12.40 Session 2 Keynote Lecture and RDM Graduate Prize talks**
Chair: Professor Stefan Neubauer, CVM
- Keynote Lecture**
- 11.10 – 11.55 Dr Robert Balaban, National Heart, Lung, and Blood Institute, NIH
The Muscle Cell Mitochondria Reticulum
- RDM Graduate Prize talks**
- 11.55 – 12.10 Dr Rohan Wijesurendra, CVM
Mechanisms underlying left ventricular dysfunction in atrial fibrillation: insights from multi-parametric cardiac magnetic resonance
- 12.10 – 12.25 Dr Marios Margaritis, CVM
Telomere length as a predictor of clinical outcome following acute myocardial infarction: the role of oxidative stress
- 12.25 – 12.40 Update from Professor Hugh Watkins
- 12.40 – 14.40 Lunch and Poster Session**
- 14.40 – 15.40 Session 3**
Chair: Professor Jan Rehwinkel, Associate Professor of Innate Immunology, WIMM/IMD
- 14.40 – 15.00 Dr Caroline Gorvin, OCDEM
Role of G-protein alpha-11 in calcium homeostasis: lessons from mouse models and potential therapies
- 15.00 – 15.20 Professor James Kennedy, Associate Professor of Geratology & Stroke Medicine, IMD
Acute Stroke Imaging: Back to First Principles
- 15.20 – 15.40 Professor Stephen Hyde, Associate Professor of Molecular Therapy, NDCLS
From Gene to Gene Medicine
- 15.40 – 16.00 Break**
- 16.00 – 17.00 Session 4**
Chair: Professor Leanne Hodson, Associate Professor of Diabetes and Metabolism, OCDEM
- 16.00 – 16.20 Professor Tom Milne, Associate Professor of Haematology, WIMM/NDCLS
Strategies for targeting aberrant epigenetic changes in acute leukaemias
- 16.20 – 16.40 Professor Ellie Tzima, Associate Professor of Cardiovascular Mechanotransduction, CVM
Endothelial mechanotransduction in vascular health and disease
- 16.40 – 17.00 Professor Angelyn Bethel, Associate Professor of Diabetes and Endocrinology, OCDEM
Mega-trials in diabetes - more than meets the eye
- 17.00 – 17.10 Concluding remarks and poster prizes**
- 17.10 – 18.00 Drinks reception & discussion time**
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Attendance is free of charge. However **you must register in advance on the RDM website**. Deadline for registration is noon Monday 27th February. Questions should be directed to Dr Ruth McCaffrey (ruth.mccaffrey@rdm.ox.ac.uk).