

Oxford Metabolic Health Symposium

Monday 1 July 2019

Medical Sciences Teaching Centre, South Parks Road Oxford, OX1 3PL

- 08.45 – 09.15 Registration (tea and coffee)**
- 09.15 – 09.20 Welcome & Introduction from Professor John Todd (Wellcome Centre for Human Genetics)**
- 09.20 – 11.10 Session 1. Chair: Professor Fran Ashcroft (DPAG)**
- 09.20 – 09.40 **Professor David Ray** (OCDEM, Radcliffe Department of Medicine)
Circadian clock control of inflammation and metabolism
- 09.40 – 10.00 **Dr Simon Lord** (Department of Oncology)
Pharmacodynamic effect of metformin in breast cancer
- 10.00 – 10.20 **Dr Elizabeth Morris** (Nuffield Department of Primary Care Health Sciences)
Dietary approaches to the management of type 2 diabetes
- 10.20 – 10.40 **Dr Honglei Huang** (TDI, Nuffield Department of Medicine)
Target Discovery Institute (TDI) lipidomics and proteomics platforms for integrative metabolomics
- 10.40 – 11.10 **Poster Blitz**
- 11.10 – 11.40 Refreshments and poster viewing**
- 11.40 – 13.10 Session 2. Chair: Dr Jan Jensen (Novo Nordisk Research Centre Oxford)**
- 11.40 – 12.00 **Dr Katherine Pinnick** (OCDEM, Radcliffe Department of Medicine)
Metabolic consequences of fructose in human adipocytes
- 12.00 – 12.20 **Professor Deborah Goberdhan** (Department of Physiology, Anatomy & Genetics)
Role of exosome signalling in mediating tumour growth and cancer metabolism
- 12.20 – 12.40 **Dr Aiden Doherty** (BDI, Nuffield Department of Population Health)
Wearable sensing of sleep and physical activity in large-scale biobanks
- 12.40 – 13.10 Oral presentations selected from abstracts
- Ecem Kaya** (Department of Pharmacology) – *Acetyl leucine as a novel therapy for lysosomal storage diseases*
- Dr Yurena Vivas Garcia** (Ludwig Institute) - *Lineage-restricted regulation of stearoyl-CoA desaturase (SCD) and fatty acid saturation by MITF controls melanoma phenotypic plasticity*
- Dr Elizabeth Haythorne** (Department of Physiology, Anatomy & Genetics) - *Hyperglycaemia adversely affects mitochondrial function in pancreatic islets*
- 13.10 – 14.30 LUNCH and poster viewing**
- 14.30 – 15.50 Session 3. Chair: Professor Katja Simon (Kennedy Institute)**
- 14.30 – 14.50 **Professor Bill Haynes** (Novo Nordisk Research Centre Oxford)
Developing a collaborative and translational Pharma Research institute in Oxford
- 14.50 – 15.05 **Dr Irina Stefana** (Wellcome Centre for Human Genetics)
Nuclear versus cytoplasmic hyperphosphorylated Tau in human beta cells during ageing and diabetes
- 15.05 – 15.20 **Professor Angela Russell** (Departments of Chemistry and Pharmacology)
Chemistry in Cells
- 15.20 – 15.30 **Dr Benjamin Harris** (Department of Oncology)
Untangling the links between anthropometric traits and cancer
- 15.30 – 15.50 **Professor Robin Choudhury** (Cardiovascular Medicine, RDM)
Immuno-metabolic interplay in atherosclerosis: a role for trained immunity
- 15.50 – 16.25 Refreshments**
- 16.25 – 17.15 Keynote Lecture: Professor John O'Neill, MRC LMB, University of Cambridge**
Insulin/IGF-1 drives PERIOD synthesis to entrain circadian rhythms with feeding time
- 17.15 onwards Concluding remarks followed by drinks**

This year's meeting is generously sponsored by Novo Nordisk

