

MPhil in Clinical Science & Experimental Medicine Initiative Joint Research Day

Thursday 6 July 2017



WYNG Gardens and Trinity Hall

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WYNG Gardens Conference Centre

Schedule

12.00-12.45pm **Common Room** - Lunch and Registration

12.45-12.50pm **Conference Room** - Opening remarks: Dr Mark Toshner

Chair: Professor Ian Wilkinson

12.50-1.05pm **Sarah Stenton** (MPhil in Clinical Science – Rare Diseases)
CD8⁺ T-cell Transcription Signatures in Primary Sjögren's Syndrome (PSS)

1.05-1.20pm **Nick Rosculet** (MPhil in Clinical Science – Experimental Medicine)
From Keyboard to Bedside: Using Biostatistics to Derive Insights from Clinical Datasets

1.20-1.35pm **Gemma Banham** (TMAT PhD)
A Phase-Two, Randomised, Placebo-Controlled Trial: Belimumab in Renal Transplantation Targets Naïve and Activated Memory B Cells Whilst Sparing Regulatory B Cells

1.35-1.50pm **William Watkinson** (MPhil in Clinical Science – Rare Diseases)
The quantification and validation of computationally predicted imprinted genes

1.50-2.05pm **Katarzyna Krzywicka** (MPhil in Clinical Science – Experimental Medicine)
Structural and functional characterisation of Entorhinal cortex in pre-dementia Alzheimer's Disease

2.05-2.20pm **James MacKay** (EMI PhD)
Surface-based modelling of articular cartilage at the knee joint: utility for experimental medicine studies of osteoarthritis

2.20-3.35pm **Common Room** - Break with Poster Session and Refreshments
Moderators: Anthony Davenport, Charlotte Summers, Phil Ambery
(5 minute poster presentations (3+2))

Chair: Dr Menna Clatworthy

3.35-3.50pm **Jennifer Wood** (MPhil in Clinical Science – Experimental Medicine)
The Role of Crossveinless 2 on BMP9 Signalling in Endothelial Cells and its Implication in Pulmonary Arterial Hypertension

3.50-4.05pm **Dimitris Aspri** (MPhil in Clinical Science – Rare Diseases)
Identifying the role of the Jumonji Domain-Containing Family of Proteins in Acute Myeloid Leukaemia using CRISPR/Cas9 technology

4.05-4.20pm **Damiano Barone** (TMAT PhD)
Targeting the molecular mechanism of foreign body reaction (FBR) to peripheral neural interface

- 4.20-4.35pm **Katrina Andrews** (MPhil in Clinical Science – Rare Diseases)
Investigation of mosaic genetic variants in segmental overgrowth disorders
- 4.35-4.50pm **Alex Ross** (EMI PhD)
Development of gut location and developmental stage specific iPSC derived human intestinal epithelial organoids for use in disease modelling, drug discovery and autologous cell therapy
- 4.50-5.35pm **Professor Paul-Peter Tak**,
GSK Senior Vice President R&D Pipeline,
Global Development Leader and Chief Immunology Officer
- 5.35-5.40pm Closing remarks: Professor Ian Wilkinson
- Transfer to Fellows Garden, Trinity Hall (10 minute walk)**
- 6.00pm Punting/Pre-dinner drinks
- 7.30pm Dining Hall for Dinner