

**Experimental Medicine Training Initiative & MPhil in Clinical Science
Research Day
Thursday 6 July 2017
WYNG Gardens Conference Centre, Trinity Hall College**

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

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

Chair: Ian Wilkinson

12.50-1.05pm **Sarah Stenton** (MPhil in Clinical Science – Rare Disease)
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 – RD)
The quantification and validation of computationally predicted imprinted genes

1.50-2.05pm **Katarzyna Krzywicka** (MPhil in Clinical Science – EM)
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 Break with Poster session and refreshments **Room: Common Room**
Moderators: Anthony Davenport, Charlotte Summers, Phil Ambery
(5 minute poster presentations (3+2))

Chair: Menna Clatworthy

3.35-3.50pm **Jennifer Wood** (MPhil in Clinical Science – EM)
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 – RD)
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 – RD) 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 , Senior Vice President R&D Pipeline, Global Development Leader and Chief Immunology Officer	
5.35-5.40pm	Closing remarks - Ian Wilkinson	
	Transfer to Trinity Hall College (10 minute walk)	
6.00-7.00pm	Punting	Fellows Garden
6.00-7.30pm	Pre-dinner drinks	Fellows Garden
7.30pm	Dinner	Dining Hall