

# MPhil & Experimental Medicine Training Initiative Research Day

## Thursday 5 July 2018

MPhil in Clinical Science, MPhil in Translational Biomedical Research, EMI  
Clinical PhD and Translational Medicine and Therapeutics (TMAT) PhD



**MPhil in Clinical Science, MPhil in Translational Biomedical Research and  
Experimental Medicine Training Initiative  
Research Day  
Thursday 5 July 2018  
Robinson College**

- 12.15pm Lunch and Registration
- 12.40pm EMI PhD poster session  
**Elizabeth Wlodek, Petra Sulentic, Seerapani Gopaluni**
- 1.00pm Opening remarks
- 1.05pm **Zoe Sun** (EMI PhD Student)  
Recombinant erythropoietin reduces endothelium-mediated vasodilatation in patients with CKD – a prospective controlled study
- 1.25pm **Alette Vassallo** (EMI PhD Student)  
Investigating the functional and physicochemical properties of the deprived neutrophil
- 1.45pm **Monika Chung** (MPhil TBR Student)  
MicroRNAs as disease activity biomarkers in ANCA-associated vasculitis
- 2.00pm **Miriam Ferrer** (MPhil TBR Student)  
Combined administration of anti-IL6 and anti-PD-L1 antibodies prevents ketogenic failure, reduces tumour progression and increases overall survival on an autochthonous murine pancreatic cancer model
- 2.15pm **Chris Meiring** (MPhil TBR Student)  
Optimal intensive care outcome prediction over time using machine learning
- 2.30pm **Tim Tay** (MPhil TBR Student)  
The effects of carbon monoxide in an experimental model of renal ischaemia reperfusion injury
- Break and MPhil poster session  
**Alicia Barber, Amanda Buckingham, Ann Yang, Chris Minter, Jonathan Ho, Juliet Livadiotis, Madeleine Ball, Reed Geisler, Rory Carpenter**
- 3.30pm **Takahiro Yamamoto** (EMI PhD Student)  
Quantitative systems models of human cardiovascular physiology in translational safety
- 3.50pm **Audrey Melvin** (EMI PhD Student)  
Metabolic insights into PPAR alpha
- 4.10pm **Ayaka Shinozaki** (MPhil TBR Student)  
Listening to light: low-cost photoacoustic imaging based on pulsed LED
- 4.25pm **Lucinda Kennard** (MPhil Clinical Science Student)  
First in man investigation of the clinical response of atopic individuals to inhibition of the IL-33/ST2 pathway with a novel monoclonal antibody

- 4.40pm **Will Sherwood** (MPhil TBR Student)  
Exploring new mechanisms for HIF-2 activation
- 4.55pm **Natalia Ronatowicz** (MPhil TBR Student)  
The relationship between apathy, emotional processing and social cognition in pre-manifest and manifest Huntington's Disease
- 5.30pm Guest Speaker: **Professor Clare Bryant**  
Pattern Recognition Receptor Signalling in response to Infection
- 6.15pm Closing remarks
- 6.45pm Drinks & Dinner at Wolfson College