

# ECAT Away Day

Wednesday 31 May 2017

Kirkland Room

South Hall

Pollock Halls Campus

## Morning Programme

**08:30** Arrival & coffee

**09:00** **PROFESSOR MOIRA WHYTE**  
*Welcome and introduction*

### **SESSION 1 (CHAIR: RUAIRI LYNCH)**

**09:15** **ANDY BRETHERICK**, ECAT Clinical Lecturer, The Roslin Institute (1st year PhD)  
*Establishing causal relationships from phenotypic, genotypic, and proteomic data*

**09:30** **CATHERINE DAVIDSON**, ECAT Veterinary Clinical Lecturer, MRC Centre for Inflammation Research (2nd year PhD)  
*Focal adhesion kinase dependent regulation of IL6 in pancreatic cancer*

**09:45** **FUMI VARYANI**, ECAT Clinical Research Fellow, Genomic & Experimental Medicine (3rd year PhD)  
*The role of MIF in Type 2 immunity*

**10:00** **THOMAS WILLIAMS**, ECAT Clinical Lecturer, MRC Human Genetics Unit (1st year PhD)  
*The mutational consequences of embedded ribonucleotides*

**10:15** **JASMIN PARIS**, ECAT-linked CRUK Clinical Research Fellow, MRC Centre for Regenerative Medicine (2nd year PhD)  
*The essential role of RNA m6A methylation in stem cell biology and cancer*

**10:30** Coffee break

### **SESSION 2 (CHAIR: CATHERINE DAVIDSON)**

**10:45** **JAMES BLACKMUR**, ECAT-linked CRUK Clinical Research Fellow, Edinburgh Cancer UK Centre (1st year PhD)  
*Vitamin D and the Large Bowel epithelium*

**11:00** **JENNY EASTERBROOK**, ECAT Clinical Lecturer, MRC Centre for Regenerative Medicine (3rd year PhD)  
*Towards the in vitro production of HSCs: lessons from the early embryo*

**11:15** **MEGAN MADDEN**, ECAT Veterinary Clinical Lecturer, Centre for Neuroregeneration (1st year PhD)  
*The role of central nervous system myelination in behaviour*

**11:30** **TRACIE PLANT**, ECAT Clinical Lecturer, MRC Centre for Inflammation Research (2nd year PhD)  
*Semaphore for Neutrophils*

**11:45** **MOIRA WHYTE**  
*New opportunities for postdoctoral training*

**12:15** Lunch

## Afternoon Programme

### SESSION 3 (CHAIR: ZOEB JIVAJI)

- 13:20** **TANGUY BLEHAUT**, ECAT-linked Veterinary Clinical Lecturer (pre-PhD), BHF Centre for Cardiovascular Science  
*Defining the role of thiosulphate sulphurtransferase in the endothelium in the initiation and progression of atherosclerosis*
- 13:30** **NICK PARKINSON**, ECAT Veterinary Clinical Lecturer (pre-PhD)  
*CD97 in the host response to influenza*
- 13:40** **KAHYEE HOR**, ECAT Clinical Lecturer (pre-PhD)  
*Maternal hyperglycaemia and fetal neurodevelopment*
- 13:50** **ZUHAIR MUSTAFA**, ECAT Clinical Lecturer (pre-PhD)  
*Investigating the genetic mechanisms of keratoconus*
- 14:00** **LAURA KITTO**, ECAT Clinical Lecturer (pre-PhD)  
*Identifying pro-regenerative mesenchymal subpopulations during liver regeneration using a single cell RNA sequencing approach*
- 14:10** **NIC ROBERTSON**, ECAT Clinical Lecturer (pre-PhD)  
*Mapping the targets of RNase MRP*
- 14:20** Coffee break

### SESSION 4 (CHAIR: JASMIN PARIS)

- 14:35** **ROB GRECIAN**, ECAT-linked CRUK Clinical Research Fellow, MRC Centre for Inflammation Research (1st year PhD)  
*Neutrophils in non-small cell lung cancer: the metastatic milieu*
- 14:50** **PETER FERNANDES**, ECAT Clinical Lecturer, Centre for Translational & Chemical Biology (3rd year PhD)  
*Phosphofructokinase: an "all-hysterical" enzyme*
- 15:05** **NIKKI HALL**, ECAT Clinical Lecturer, MRC Human Genetics Unit (1st year PhD)  
*Why are some people born with no iris? A hunt for new aniridia genes*
- 15:20** **MARK RODRIGUES**, ECAT Clinical Lecturer, Centre for Clinical Brain Sciences (2nd year PhD)  
*Identifying the underlying cause of spontaneous intracerebral haemorrhage using CT and genetics*
- 15:35** **JOHN HALLETT**, ECAT-linked CRUK Clinical Research Fellow, MRC Centre for Regenerative Medicine (2nd year PhD)  
*Transplantable cellular therapy for biliary disease*
- 15:50** Coffee break

### SESSION 5 (CHAIR: TRACIE PLANT)

- 16:05** **FAYE ROBERTSON**, ECAT-linked CRUK Clinical Research Fellow, MRC Centre for Regenerative (2nd year PhD)  
*Molecular regulation of glioma stem cell quiescence*
- 16:20** **ZOEB JIVAJI**, ECAT Clinical Lecturer, Centre for Integrative Physiology (2nd year PhD)  
*How does neuron-astrocyte crosstalk regulate CNS metabolism in health and disease?*
- 16:35** **RUAIRI LYNCH**, ECAT Clinical Lecturer, MRC Centre for Inflammation Research (2nd year PhD)  
*Leukin' 4 a treatment in acute liver injury*
- 16:50** **ROD MITCHELL**, Wellcome Trust Clinical Fellow, Honorary Consultant Paediatric Endocrinologist  
*FAME (Futures of Academic Medics in Edinburgh)*
- 17:15** Drinks & BBQ