SCHOOL RESEARCH MEETING
11th – 12th June 2012

PROGRAMME

Invited Guests:
Professor John Hardy
Professor of Neuroscience, University College London

Professor David Grundy
Professor of Biomedical Science, University of Sheffield

Monday 11th June 2012
Firth Hall
10:00-11:00 Poster presenters to hang posters
11:00-12:00 Research Staff Association Society organised poster walks
   Take a ‘bench to bedside’ tour through research in the Medical School – details to be advertised shortly.
12:00-13:00 Lunch

Richard Roberts Building

13:00-16:00 THE ONLY WAY IS ETHICS
   Research Staff Association organised presentations

13:00 – 13:05 Introduction by Dr Sheila Francis
   Head of Department of Cardiovascular Sciences

13:05 – 13:40 Dr Ginny Barbour
   Chief Editor on PLoS Med & Chair of Committee on Publication Ethics
   The good, the bad and the ugly of publication

13:40 – 14:15 Mr Gerard J Brouwer-Ince
   Director of Veterinary Services, Ethics & Licensing, UoS Veterinary Services Unit
   Animals in research: regulations and the 3Rs

14:15 – 14:50 COFFEE / TEA BREAK

14:50 – 15:25 Prof Tim Stephenson
   Consultant Histopathologist & Clinical Director of Laboratory Medicine, STH NHS Foundation Trust
   Avoiding jail – using human tissues in research

15:25 – 16:15 Discussion
   A series of questions based on ethical issues posted and discussed by the panel

Firth Hall
16:15-18:00 POSTER & WINE SESSION
Tuesday 12th June 2012
Richard Roberts Building

08:40   Registration for Oral and Poster Presenters
08:55   Welcome and introduction – Professor Paul Hellewell, Director of Research & Innovation

Session 1:  Chaired by Professor Paul Hellewell

09:00   Dr Allan Lawrie [Cardiovascular Science]
        MRC Career Development Award Fellow
        Osteoprotegerin blockade prevents and reverses experimental pulmonary arterial hypertension

09:15   Dr Sarah Daniels [Oncology]
        Academic Foundation Year 2 Doctor
        Hypermethylation of distinct CpG islands within the BRCA1 promoter is associated with triple negative phenotype breast cancer

09:30   Dr Roger Thompson [Infection & Immunity]
        MRC Training Fellow
        Hypoxia-inducible factor 2α regulates neutrophilic inflammation in humans, mice and zebrafish

09:45   Mr Le Anh Luong [Cardiovascular Science]
        Research Associate
        The deubiquitinating enzyme Cezanne controls inflammatory responses to hypoxia-reoxygenation

10:00   Dr Miguel Debono [Human Metabolism]
        NIHR Biomedical Research Fellow / PhD Student - 3rd Year
        Circadian endocrine therapy to treat cortisol deficiency in Addison’s disease and congenital adrenal hyperplasia

10:15   Dr Paul Sharp [Neuroscience]
        Postdoctoral Research Associate
        Dynamic in vivo imaging of cerebral vasculature and 3D brain vessel mapping for evaluating transcytosis of CNS-targeted nanoparticles

10:30   Prof Richard Ross
        Faculty Academic Lead for Innovation
        Healthcare Gateway

10:35 – 11:00   COFFEE / TEA BREAK

Session 2:  Chaired Professor Malcolm Reed, Head of the Department of Oncology

11:00   Mr Karan Shah [Human Metabolism]
        PhD Student – 3rd Year
        Speciation and distribution of cobalt and chromium in osteoblasts and osteoclasts using microfocus x-ray fluorescence and x-ray Absorption near-edge

11:15   Dr Ed Guccione [Infection & Immunity]
        Postdoctoral Research Associate
        Competitive carriage of Neisseria spp.; discovering new methods of inhibiting carriage of Neisseria meningitidis

11:30   Mr Karl Patterson [Oncology]
        PhD Student – 1st Year
        RECQL5 and bladder cancer

11:45   Dr Jacqui Stockley [Cardiovascular Science]
        Postdoctoral Research Associate
        Identification of novel variations in platelet GPCRs in patients historically diagnosed with type 1 von Willebrand disease in the European MCMDM-IVWD study
12:00  **Plenary Lecture**  
Professor John Hardy, Professor of Neuroscience, University College London  
Genetic Analysis of Neurodegeneration

13:00 – 15:00  **LUNCH, POSTER VIEWING & NETWORKING – FIRTH HALL**  
- 13:00-15:00 trade stands  
- 13:30-14:00 viewing of odd numbered posters  
- 14:00-14:30 viewing of even numbered posters

**Session 3:** Chaired by Professor Nicola Brown, Research Meeting Working Group Chair

15:00  **Dr Katija Khan** [Neuroscience]  
*Postdoctoral Research Associate*  
The cross-culture club: ethnicity effects on psychometric testing and implications for dementia assessment

15:15  **Dr Lujain Albenali** [Infection & Immunity]  
*MD Student/Clinical Fellow*  
Vitamin D supplementation improves Atopic Dermatitis and Atopic Dermatitis complicated by Eczema Herpeticum

15:30  **Dr Amanda Burnett** [Cardiovascular Science]  
*Postdoctoral Research Associate*  
Regulation of monocyte-endothelial cell interactions by neutrophil-derived microparticles

15:45  **Ms Hannah Brown** [Oncology]  
*Research Assistant / PhD Student - 4th Year*  
Bisphosphonate internalisation by subcutaneous breast tumours *in vivo* – evidence from a pilot study

16:00  **Dr Johnathan Cooper-Knock** [Neuroscience]  
*Clinical Fellow*  
Gene expression profiling of lymphoblastoid cell lines from patients with C9ORF72 related amyotrophic lateral sclerosis and controls

16:15  **Dr Ning Wang** [Human Metabolism]  
*Postdoctoral Research Associate*  
Detection of a non-dividing, persistent subpopulation in a prostate cancer model - tracking the bone metastasis initiating cells

16:30  **Presentation of Prizes for Oral Presentations & Posters**

Closing Remarks by Professors John Hardy, David Grundy & Paul Hellewell