



The
University
Of
Sheffield.

The
Medical
School.

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 2 α regulates neutrophilic inflammation in humans, mice and zebrafish

09:45 Mr Le Anh Luong [Neuroscience]
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-1VWD 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