SCHOOL RESEARCH MEETING  
17\textsuperscript{th} – 18\textsuperscript{th} June 2013 

PROGRAMME

Invited Guests:
Professor Martin Wilkins  
Professor of Clinical Pharmacology, Imperial College London

Professor Jamie Hobbs  
Professor of Experimental Physics, University of Sheffield

\textbf{Monday 17\textsuperscript{th} June 2013}

\textbf{Octagon Centre}

10:00-11:00  
Poster presenters to hang posters

10:30-12:00  
Early Bird Poster Viewing including tea and coffee

11:00-12:00  
\textbf{Research Staff Association organised poster walks}  
Take a ‘hot topics’ tour through research in the Medical School

12:00-13:00  
\textbf{Lunch for poster tour participants, organisers, speakers and stand hosts only}

\textbf{Students Union Auditorium}

13:00-16:40  
\textbf{Knowing me, Knowing you – Patient and Public Involvement (PPI) in YOUR Research}  
Research Staff Association organised presentations

13:00 – 13:10  
\textbf{Welcome and Introduction}  
Dr Allan Pacey (Senior Lecturer in Andrology, University of Sheffield and public engagement superstar)

13:10 – 13:30  
\textbf{Introduction to Patient and Public Involvement (PPI)}  
Lucy Simons (INVOLVE Public Involvement Advisor) and Linda Laurie (INVOLVE Advisory Group Member)

13:30 – 14:00  
\textbf{PPI in grant funding applications}  
Dr Jonathan Boote, NIHR Research Design Service for Yorkshire and the Humber, and Ms Lindsay Mitchell (lay member of the Research for Patient Benefit Advisory Committee)

14:00 – 14:30  
\textbf{Local PPI opportunities and support for Sheffield researchers}  
Lydia Harris (Clinical Research Manager, Clinical Research Office Sheffield STH NHS Foundation Trust) and Professor Ade Adebajo (PPI lead with CLAHRC)

14:30 – 14:40  
Dr Allan Pacey  
Question for discussion over the break: \textit{“How could YOU apply PPI to YOUR research?”}

14:40 – 15:10  
\textbf{COFFEE / TEA BREAK / NETWORKING OPPORTUNITY (OCTAGON CENTRE)}

15:10 – 15:40  
\textbf{PPI in action: Case Study from Motor Neurone Disease Research}  
Dr Chris McDermott (Clinical Senior Lecturer and Honorary Consultant Neurologist, SITraN, University of Sheffield) and lay representatives

15:45– 16:30  
\textbf{Panel discussion}
Octagon Centre
16:30-18:00 POSTER & WINE SESSION

Tuesday 18th June 2013
Student Union Auditorium

08:40 Registration for Oral and Poster Presenters
08:55 Welcome and introduction – Professor Paul Hellewell

Session 1: Chaired by Professor Paul Hellewell, Faculty Director of Research & Innovation

09:00 Dr Julie Simpson [Neuroscience]
Postdoctoral Research Associate
Population variation in neuronal oxidative DNA damage in the ageing brain
09:15 Dr Victoria Athey [Infection & Immunity]
Respiratory Consultant / PhD Student - 2nd Year
Factors influencing survival in lung cancer across symptomatic presentations
09:30 Miss Sarah Foster [Human Metabolism]
BMedSci Student
MicroCT and biomechanical properties of bone in prolidase deficient mice
09:45 Mr Ryan Beveridge [Oncology]
PhD Student – 3rd Year
The Leukaemia associated Rho Guanine nucleotide exchange factor LARG links RhoA signalling and cellular responses to replication stress

10:00 Mr Lav Darda [School of Clinical Dentistry]
PhD Student - 3rd Year
The role of miRNA-196a in the Head and Neck Cancer
10:15 Ms Jovana Serbanovic-Canic [Cardiovascular Science]
Postdoctoral Research Associate
Identification of novel shear stress-responsive regulators of endothelial cell dysfunction using the zebrafish model

10:30 – 11:00 COFFEE / TEA BREAK (OCTAGON CENTRE)

Session 2: Chaired by Dr Pete Monk, Chairman of the Research Meeting Working Group

11:00 Dr Paul Collini [Infection & Immunity]
MRC Clinical Training Fellow / PhD Student - 3rd Year
Invasive pneumococcal disease among HIV-1 seropositive individuals in the era of highly active antiretroviral therapy: does HIV-1 impair the macrophage host response to pneumococci?

11:15 Mr Guy Yealland [Neuroscience & Biomedical Science]
PhD Student – 3rd Year
Polymersome mediated delivery of a Mitochondrial therapeutic to mutant Parkin Fibroblasts

11:30 Miss Gemma Foulds [Oncology]
Research Technician / PhD Student – 2nd Year
Selective targeting of membrane Hsp70 positive tumour cells by recombinant human granzyme B: A novel therapeutic approach for cancer?

11:45 Mrs Laura West [Cardiovascular Science]
Research Technician / PhD Student
Vessel wall P2Y12 receptors are important in atherogenesis but are not inhibited by ticagrelor or clopidogrel
Plenary: Chaired by Dr Allan Lawrie, MRC Career Development Award Fellow / University Senior Research Fellow

12:00 Plenary Lecture
Professor Martin Wilkins, Professor of Clinical Pharmacology, Imperial College
Why Drugs Fail in Clinical Development – Lessons from pulmonary arterial hypertension

13:00 – 15:00 LUNCH, POSTER VIEWING & NETWORKING – OCTAGON CENTRE
- 13:00-15:00 trade stands
- 13:30-14:00 viewing of odd numbered posters
- 14:00-14:30 viewing of even numbered posters
- 13:30-15:00 2nd Year postgraduate poster presentation assessment

Session 3: Chaired by Professor Tony Weetman

15:00 Dr Caroline Wilson [Oncology]
Clinical Research Fellow
Elucidating the role of reproductive hormones in determining the response to breast cancer therapy

15:15 Ms Ankita Agrawal [Human Metabolism]
PhD Student – 3rd Year
Combined effects of depletion of P2X7R and estrogen on murine osteoclast function and survival in vitro

15:30 Dr Clare Stokes [Infection & Immunity]
Postdoctoral Research Associate
Inhibition of RV-induced inflammatory responses by phosphatidylserine-containing liposomes

15:45 Dr Niki Panagiotaki [Neuroscience]
Postdoctoral Research Associate
The role of interneurons in disease progression in a zebrafish ALS model

16:00 Miss Freyja Docherty [Human Metabolism]
PhD Student – 2nd Year
Identifying haematopoietic stem cell (HSC) niche markers in human prostate cancer cells: possible mediators of dormancy in metastatic cancer

16:15 Ms Caroline Gray [Cardiovascular Science]
Research Associate
Loss-of-function of parathyroid hormone receptor 1 induces aortic defects during zebrafish vascular development

16:30 Presentation of Prizes for Oral Presentations & Posters

Closing Remarks by Professors Martin Wilkins, Jamie Hobbs & Tony Weetman