



The
University
Of
Sheffield.

School
Of
Medicine
& Biomedical Sciences.

SCHOOL RESEARCH DAY

18th – 19th June 2007

PROGRAMME

Invited External Guest – Professor Paul Stewart
Professor of Medicine, University of Birmingham

Monday 18th June 2007

- 11:30 Poster presenters to display posters.
- 13:00 Postdoc Career Development Talks
- Grant Administration
 - Patent Law
 - Clinical Trials
 - Clinical Scientist
 - Medical Writing
- 14:30 Poster Walks & Coffee Break
- Tours will be in the following areas, places are limited:
- Imaging - Different levels
 - Stem Cells - Different usage/purpose
 - Drug Development - Molecules to therapy
 - Alternatives to animal models
 - Preclinical models - mouse, zebra fish, in vitro
 - Gene Expression
 - Model systems-computer based
 - Varied use of techniques
 - Clinically specific research
- 15:30 Open Access Debate (Wiley-Blackwell & Portland Press)

POSTER WALK REGISTRATION

There are a limited number of places on the poster walks, if you would like a place on a walk, please register by sending an email to school-research-day@sheffield.ac.uk, giving the title of the poster walk you wish to attend. Places will be given on a first come, first serve basis. You will receive an email confirming your place on the walk.

Evening Lecture, Lecture Theatre 1, B-Floor, Medical School

- 17:00 Professor Paul Stewart [University of Birmingham]
Professor of Medicine
"Cortisol metabolism and the Metabolic Syndrome - Lessons from Harvey Cushing"
- 18:00 Wine Reception, Concourse, B-Floor, Medical School

Tuesday 19th June 2007

08:40 Registration for Oral and Poster Presenters, Concourse, B-Floor, Medical School

Research Day, Lecture Theatre 1, B-Floor, Medical School

Session 1: Chaired by Professor Tony Weetman (Dean of the School)

- 09:00 Professor Tony Weetman Welcome and introduction to the day
- 09:00 **Invited Speaker**
Dr Steve Renshaw [Respiratory Medicine – Infection, Inflammation & Immunity]
Clinical Senior Lecturer
“Modelling inflammation in the Zebrafish”
- 09:30 Mr Rob Buckland [Cardiovascular Research Unit - Cardiovascular Science]
Research Technician
“P2Y₁₂ blockade by prasugrel active metabolite yields complete inhibition of P2Y₁₂-mediated amplification of platelet responses”
- 09:45 Mr Adam Glen [Urology - Oncology]
PhD Student – 2nd Year
“Proteomic iTRAQ analysis of human prostate cancer cells identifies proteins associated with progression”
- 10:00 Dr Jon Ward [Cardiovascular Research Unit - Cardiovascular Science]
Postdoctoral Research Associate
“Enhanced monocyte IL-1b release through activation of endothelial cell TLR4: Evidence for a bidirectional crosstalk in coculture”
- 10:15 Dr Chris Barclay [Primary Medical Care]
Academic Research Training Fellow
“Can Type-2 diabetes be prevented in clinical practice? Feasibility study of a lifestyle change programme for Pre-Diabetes Mellitus [ISAIAH]*”
* ISAIAH: Insulin Sensitivity And Its Applications to Health”

10:30 – 11:00 COFFEE / TEA BREAK - CONCOURSE AREA

Session 2: Chaired by Professor Simon Heller (Director of R&D, STH Foundation Trust)

- 11:00 Mr Peter West [Respiratory Medicine – Infection, Inflammation & Immunity]
PhD Student – 2nd Year
“Regulation of TLR induced human inflammatory responses by macrophage migration inhibitory factor”
- 11:15 Dr James Lester [Clinical Oncology - Oncology]
Lecturer
“Monthly Oral Ibandronate (Bondronattm) Prevents Anastrozole-Induced Bone Loss During Adjuvant Treatment For Breast Cancer. One year results from the ARIBON Study”
- 11:30 Dr Alice Brockington [Neurology - Neuroscience]
Clinical Fellow
“Transcriptional profiling of spinal motor neurones in the VEGF δ / δ mouse model of amyotrophic lateral sclerosis (ALS)”
- 11:45 Mr Philip Elks [Bone Biology – Musculoskeletal Science]
PhD Student – 3rd Year
“Wnt Signalling Upregulates Osteoblast Differentiation in Zebrafish: a Novel Model for Studies in Osteoblastogenesis”
- 12:00 **Invited Speaker**
Professor Nigel Mathers [Primary Medical Care]
Professor
“Five years of Substance Misuse in General Practice”

12:30 – 14:00

LUNCH (CONCOURSE AREA) & POSTER VIEWING (SEMINAR ROOMS)
(Presenters to be by their posters 13:00-14:00)

Session 3: Chaired by Dr Richard Mead (President of the Medical School Postdoc Society)

14:00

Invited Speaker

Dr Angie Cox [Institute of Cancer Studies – Oncology]
Senior Lecturer

“A common coding variant in CASP8 is associated with breast cancer”

14:30

Mr Mark Wilkinson [Bone Metabolism – Musculoskeletal Science]
Clinical Research Fellow

“Variation within the gene encoding sFRO-3 affects bone phenotype before and after total hip arthroplasty”

14:45

Dr Diana Greenfield [Diabetes, Endocrinology & Metabolism – Endocrinology & Reproduction]
Research Fellow

“Consequences of Androgen Deficiency in Young Male Cancer Survivors in a Controlled Cross-Sectional Study”

15:00

Dr Andrew Narracott [Medical Physics – Cardiovascular Science]
Postdoctoral Research Fellow

“Subject specific modelling of venous flow augmentation during external calf compression to provide boundary conditions for the study of venous valve haemodynamics”

15:15

Dr Heather Mortiboys [Neurology – Neuroscience]
Research Scientist

“Mitochondrial dysfunction in familial Parkinson’s disease”

15:30 – 16:00

COFFEE / TEA BREAK – CONCOURSE AREA

Session 4: Chaired by Professor Ian Peake (Director of Research)

16:00

Dr Emmet McGrath [Respiratory Medicine – Infection, Inflammation & Immunity]
Wellcome Clinical Fellow

“The role of TRAIL in chronic lung inflammation”

16:15

Dr Helen Bryant [Institute for Cancer Studies – Oncology]
Postdoctoral Research Associate

“Novel function for PARP-1 at stalled replication forks; implication”

16:30

Dr Lauren Wallis [Radiology – Endocrinology & Reproduction]
Research Associate

“MR imaging of intra and extra cranial haemorrhage: prevalence and relationship to obstetric factors in the asymptomatic neonate”

16:45

Dr Daniel Tsoi [Psychiatry – Neuroscience]
Clinical Lecturer

“Is facial emotion recognition impairment in schizophrenia identical for different emotions? An analysis using signal detection theory”

17:00

Invited Speaker

Professor Richard Ross [Diabetes, Endocrinology & Metabolism – Endocrinology & Reproduction]
Professor

“Development of a Potent Long Acting Growth Hormone Agonist with Exceptional Pharmacokinetic Properties”

17:30

Presentation of Prizes for Best Oral Presentations & Posters

Closing Remarks by Professor Paul Stewart