SCHOOL RESEARCH MEETING
20th – 21st June 2011
PROGRAMME
Invited Guests:
Professor Herbie Newell
Professor of Cancer Therapeutics, University of Newcastle
Professor Rod Smallwood
PVC Healthcare across the Disciplines, University of Sheffield

Monday 20th June 2011
Octagon Centre

10:00-11:00 Poster presenters to hang posters
11:00-12:00 Post-doc Society organised poster walks
Take a Core-Facility based tour through research in the Medical School
12:00-13:00 Lunch
13:00-15:30 SCIENCE & COMMUNICATION
UoS, Octagon Centre
Post-doc Society organised presentations
13:00 – 13:05 Introduction by Professor Tony Ryan, PVC for Pure Science
13:05 – 13:30 Mr Martin Turner
Science Brainwaves
‘Science for the masses’
13:30 – 13:55 Rev Dr Richard Walton
Science Technology Engineering Maths
‘What is STEM and how can I be a good ambassador?’
13:55 – 14:20 Miss Shemina Davis
UoS/Faculty Communication Officer
‘What makes a good story – How to get to grips with the media’
14:20 – 14:45 COFFEE / TEA BREAK
14:45 – 15:15 Miss Emma Wilkinson
Science Journalist
“Dumbing down and hyping up? What is the journalists’ role in communicating science to the public”
14:55 – 15:30 Dr Allan Pacey
UoS Representative Working in the Media
‘Sperm in the public eye: an academic’s perspective of science communication’
16:00-18:00 Poster & Wine Session
18:00 Close

POSTER TOUR REGISTRATION
There are a limited number of places on the poster tours, which will be based on research in the Core Facilities:
* Clinical Research Facility
* Flow Cytometry
* Microarray Facility
* Bone Analysis Histomorphometry
* Bone Analysis MicroCT
* Genetics Sequencing / Genotyping
* Genetics Real Time PCR
* Microscopy Confocal
* Microscopy Widefield Fluorescence
* Small Animal Imaging

If you would like a place on a tour, please register by sending an email to: school-research-day@sheffield.ac.uk.

Places will be allocated on a first come, first served basis. You will receive an email confirming your place.
Tuesday 21st June 2011
Firth Hall, Firth Court

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

Session 1: Chaired by Dr Sheila Francis, Head of Department – Cardiovascular Science

09:00 Dr Heather Mortiboys [Neuroscience]
Postdoctoral Research Associate
“New Strategies to identify disease-modifying factors for Parkinson’s Disease”

09:15 Miss Suruchi Pacharne [Human Metabolism]
PhD Student – 1st Year
“Accelerated skeletal development and high bone mass in mice lacking RAMP3”

09:30 Miss Lorena Preciado-Llanes [Infection & Immunity]
PhD Student – 2nd Year
“Suppression of T-cell proliferation and activation by Neisseria meningitidis; a potential novel mechanism of bacterial pathogenesis”

09:45 Dr Aung Tin [Oncology]
Academic Fellow (FY2)
“Serum biomarkers in lung cancer patients from two clinical trials of chemotherapy with or without thalidomide”

10:00 Dr Oliver Watson [Cardiovascular Science]
Clinical Training Fellow
“Angiogenesis in response to upregulated hypoxic signalling is dependent on haemodynamic flow”

10:15 Dr Elaine Cachia [Human Metabolism]
Specialist Registrar Palliative Medicine
“Central pain processing in chemotherapy induced peripheral neuropathy”

10:30 – 11:00 COFFEE / TEA BREAK

Session 2: Chaired by Professor Hugh Jones

11:00 Dr Richard Mead [Neuroscience]
Research Fellow
“Pharmacological Nrf2-ARE pathway activation is protective in mouse and patient fibroblast models of motor neurone disease”

11:15 Dr Agnieszka Kleszcz [Infection & Immunity]
CT1 SHO Renal Medicine
“Identification and validation of novel marker for radiological severity in RA”

11:30 Dr Marc Baud’huin [Human Metabolism]
Postdoctoral Research Associate
“A BMPRIA soluble receptor construct increases tibial and trabecular bone volume in vivo”

11:45 Dr Carol Coughlan [Human Metabolism]
Subspecialty Trainee in Reproductive Medicine & Surgery
“The ‘Endometrial Scratch’: A treatment strategy to increase clinical pregnancy rates in recurrent implantation failure”

12:00 Plenary Speaker
Professor Herbie Newell
Professor of Cancer Therapeutics, University of Newcastle
“Discovering the cure for cancer – molecules to medicines”
Session 3: Chaired by Professor Moira Whyte, Head of Department – Infection & Immunity

14:30  Dr Abdul Hameed [Cardiovascular Science]
BHF Clinical Research Training Fellow
“TRAIL is a potential novel therapeutic target in Pulmonary Arterial Hypertension (PAH)”

14:45  Dr Sushila Rigas [Oncology]
Postdoctoral Research Associate
“Association of the TNFRSF10B gene with breast cancer risk”

15:00  Mr Glyn Hallam [Neuroscience]
Research Associate
“The neural basis of intrapersonal and interpersonal emotion regulation”

15:15  Dr Tim Ellam [Cardiovascular Science]
Clinical Research Fellow
“Dietary phosphate modulates atherogenesis and insulin resistance in apolipoprotein E knockout mice”

15:30  Dr Julie Preston [Infection & Immunity]
Postdoctoral Research Associate
“Macrophage apoptosis following pneumococcal infection in a macrophage-specific Mcl-1 transgenic mouse”

15:45  Dr Ross Drayton [Oncology]
Postdoctoral Research Associate
“Changes in microRNA expression during the development of cisplatin resistance in bladder cancer and identification of potential mRNA targets”

16:00  Presentation of Prizes for Oral Presentations & Posters
Closing Remarks by Professors Herbie Newell, Rod Smallwood & Paul Hellewell