

SINAPSE-SPIRIT Translational Imaging Seminar

Thursday 23rd September 2010
Playfair Library, Old College, Edinburgh

PROGRAMME

10.00	Coffee and Registration	
Session 1 – Chair: Prof Ian Marshall		
10.30	Welcome	Prof Ian Marshall
	Introduction: Overview of the SPIRIT Scheme	Prof Joanna Wardlaw Principal Investigator
10.50	Do animal imaging studies really help bring better treatments to patients, or is it all lost in translation?	Dr John Waterton, Chief Scientist, Translational Imaging, AstraZeneca
11.35	Structural and functional outcomes in animal models of stroke: What do they measure?	Dr Malcolm Macleod, University of Edinburgh
11.55	Developing new imaging methods for acute stroke.	Prof Keith Muir, University of Glasgow
12.15	Acute stroke research in pertinent animal models with recognised risk factors: studying the ischaemic penumbra in spontaneously hypertensive stroke-prone rats with MRI.	Proffered talk: Ms Emma Reid University of Glasgow
12.30	Gender differences in cerebral blood flow in rat focal cerebral ischaemia: an MRI arterial spin labelling study.	Proffered talk: Dr Tracey Baskerville University of Glasgow
12.45	Lunch and posters	
Session 2 – Chair: Prof Richard Lerski		
14.00	From Nanomagnets to Optogenetics: using magnets to heal hearts and light to investigate the BOLD response	Dr Mark Lythgoe, Director, Biomedical Imaging, University College London
14.40	The Disconnected Mind: translating White Matter mapping from human to rodent.	Dr Mark Bastin, University of Edinburgh
15.00	Imaging's contribution to a phase II study of an Alzheimer's therapy.	Dr Roger Staff, University of Aberdeen
15.20	Development of pre-clinical PET/CT methods for monitoring changes in mouse brain function.	Proffered talk: Prof Andy Welch University of Aberdeen
15.35	Closing remarks	
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Centre for Cognitive Ageing
and Cognitive Epidemiology

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CCBS : Centre For Clinical Brain Sciences