

## SINAPSE-SPIRIT Translational Imaging Seminar

Thursday 23<sup>rd</sup> September 2010  
Playfair Library, Old College, Edinburgh

### PROGRAMME

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

Centre for Cognitive Ageing  
and Cognitive Epidemiology

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**CCBS : Centre For Clinical Brain Sciences**