



# CLINICAL IMAGING RESEARCH CENTRE SINGAPORE

A joint venture between the Agency for Science, Technology And Research (A\*STAR)  
and the National University of Singapore (NUS)

## The A\*STAR-NUS Clinical Imaging Research Centre (CIRC) Presents Weekly Journal Club/Lab Meeting

**October, 2015**

**Time: 2:00pm – 3:00pm, Wednesday**

**Venue: CIRC Conference Room**  
Clinical Imaging Research Centre (CIRC)  
Centre for Translational Medicine (MD6)  
14 Medical Drive, #B1-01  
Singapore 117599

Date	Speakers	Topic
7-Oct-15	No speaker	
14-Oct-15	Francesca Leek	Quantification of cortical bone mineral density
21-Oct-15	Adriana Banozic	Update on project titled “Differences in brain activity for comfort and discomfort induced by thermal stimuli in young (20-29 years old) and old (80-89 years old) healthy participants”
28-Oct-15	Lee Kuan Jin	23 <sup>rd</sup> ISMRM Annual Meeting, 30 May - 5 June 2015



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## Speaker Background

Francesca Leek:

Upon completion of her BSc in Physics from Imperial College, Francesca spent three years working as a Safety Analyst at the UK Atomic Weapons Establishment, utilising Monte Carlo transport codes to determine the safety of manufacturing processes in fissile facilities. In 2009 she undertook an MSc in Radiation Physics: Medical Applications at UCL before embarking on a four-year NHS Clinical Scientist training programme specialising in Nuclear Medicine and PET physics at Cambridge University Hospitals. In conjunction with supporting the clinical workload her focus for service development has been investigating the feasibility of personalised dosimetry for patients undergoing radionuclide therapy.

Adriana Banozic:

Adriana Banozic received her Master's degree at the Department of Psychology, University of Zagreb and a PhD in Translational research in Biomedicine at the University of Split, Croatia. Her main research interests include psychological determinants of pain experience. She is currently investigating the role of neural representations of affective attributes of thermal stimuli using behavioral measures and fMRI.

Lee Kuan Jin:

Kuan Lee was Clinical Scientist in Nuclear Medicine at Sheffield University NHS Hospitals before switching to MRI. He did a PhD at Sheffield University and a post-doc in Juergen Hennig's group in Freiburg. In 2011, he got a job as MR Applications Developer with Siemens in Erlangen, with responsibility for Breast and DCE Angiography applications. He has published papers on motion correction, artifact correction, RF pulse design, pulse sequences, and radiosurgical planning. He now has a joint position with SBIC and CIRC, focusing on ASL, fat metabolism, cardiac MRI and prospective motion correction in MRI.

**--- Admission is free and all are welcome ---**



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