



HARRY PERKINS INSTITUTE  
OF MEDICAL RESEARCH



## PERKINS Seminar Series

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THURSDAY 18 MAY



### Dr Paul Timpson

Laboratory Head, Invasion and Metastasis, Garvan Institute for Medical Research  
Conjoint Senior Lecturer, St Vincent's Clinical School, Faculty of Medicine  
University of New South Wales

**"Imaging tumour behaviour and drug targeting using live biosensors: insights from intravital imaging"**

Paul completed his PhD with Prof Margaret Frame at the Beatson Institute for Cancer Research, UK in 2002 where he assessed the interplay between Src family kinases and the actin cytoskeleton during cancer cell invasion, focusing on the role of Rho family GTPases. He then moved to the Garvan Institute in 2003 to work with Professor Roger Daly investigating the role of the actin-binding protein cortactin in growth factor receptor trafficking in breast cancer and head and neck cancers.

Paul was awarded an AstraZeneca Postdoctoral Research Fellowship allowing him to return to the UK in 2007, to work with Professor Kurt Anderson in collaboration with AstraZeneca Advanced Technology Laboratories. This ongoing work has focused upon the development of novel multi-disciplinary live imaging techniques to investigate molecular dynamics of cancer cells in vivo.

Returning to Australia to establish a research group in November 2012 within the Cancer Program, Paul aims to understand pancreatic cancer in the context of the surrounding environment using cutting edge imaging technology. Pinpointing the molecular drivers of cancer progression and the environmental cues that cause resistance to current systemic therapy are the focus of his research.

12:00pm till 1:00pm  
followed by a light lunch

For more information please contact Juliana Hamzah

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