

IfLS Conference Programme:

The Institute for Life Sciences Conference, *Precision Cancer Medicine: Forefront Technologies at the Clinical Interface*, is taking place on **14 September 2017** at the University of Southampton. This exciting interdisciplinary conference showcases forefront technology that is being translated into the clinic. The programme will consider new approaches to diagnosis; imaging; targeted therapy and precision diagnostics, and will be of interest to clinicians and life technologists.

Thursday 14th September 2017: Conference Programme Lecture Theatre A, Avenue Campus, University of Southampton	
08:00 - 09:00	Coffee and registration, poster set up
09:00 - 09:05	Welcome: Professor Sir Christopher Snowden, President and Vice Chancellor
09.05 - 09:50	Professor Mehmet Toner, Massachusetts General Hospital Bioengineering and clinical application of Circulating Tumour Cells
09:50 - 10:20	Professor Tim Elliott, University of Southampton <i>The value of mechanism-based computational modelling in immunology</i>
10:20 - 10:45	Refreshment break
10:45 - 11:15	Professor Caroline Dive, Cancer Research UK Manchester Institute <i>Liquid Biopsies – how do they help with Precision Medicine?</i>
11:15 - 11:45	Professor Kevin M. Brindle, Cancer Research UK Cambridge Institute <i>Imaging tumour metabolism – from mouse to man</i>
11:45 - 12:15	Professor Gareth Thomas & Dr Sumeet Mahajan, University of Southampton <i>Mapping the tumour microenvironment with multimodal label-free imaging</i>
12:15 - 13:30	Lunch Posters and networking (poster judging)
13:30 - 14:00	Professor Zoltan Takats, Imperial College London <i>Imaging and in-vivo mass spectrometry for cancer diagnostics - an alternative to histology?</i>
14:00 - 14:30	Professor John Greenman, University of Hull <i>Tissue-based microfluidics models for customising patient treatment</i>
14:30 - 14:50	Professor Mark Cragg, University of Southampton <i>Modelling the lymphoma microenvironment for improved immunotherapy</i>
14:50 - 15:10	Professor Christian Ottensmeier University of Southampton <i>Molecular analysis of solid tumours: deciphering and exploiting immune recognition for clinical benefit</i>
15:10 - 15:40	Refreshment break
15:40 - 16:10	Professor Valerie Taly, Université Paris Descartes <i>Droplet-based microfluidics for cancer patient follow up</i>
16:15 - 17:00	Professor Peter Johnson, Cancer Research UK, University of Southampton <i>The future of cancer medicine: how precise, and how personal?</i>
17:00	Conference close and poster prize awards: Professor Hywel Morgan / Professor Peter JS Smith
17:00 - 18:30	Networking, poster session, wine reception