



Venue: London Research Institute - **Room G35** – 44 Lincoln's Inn Fields – WC2A3LY London

Registration by 4th July is FREE but REQUIRED if this is the first time you attend

Please email your name and full professional affiliation to LIVIm@cancer.org.uk

17:00-17:30 Dr Cristopher Moore

Cancer Research UK London Research Institute, Signal Transduction Lab - London

Non-invasive *in vivo* imaging techniques to detect and monitor tumour progression in the lungs and pancreas of genetically modified mice.

- Micro-CT based detection of K-ras driven lung tumours and quantification of progression and response to treatment
- Use of micro-CT to establish and assess the viability of new models of lung cancer (chimeras and cancer cell intubation)
- Use of micro-CT, high resolution ultrasound and circulating tumour DNA (ctDNA) for early tumour detection

17:35 -18:10 Dr David Lovell

St George's Medical School, University of London.

Lack of reproducibility. Can good experimental design quieten the chorus?

- "A growing chorus of concern, from scientists and laypeople, contends that the complex system for ensuring the reproducibility of biomedical research is failing and is in need of restructuring." (Francis Collins & Lawrence Tabak – Nature 2014)
- Techniques for ensuring good experimental design already exist and these can provide methods to overcome the problems of lack of reproducibility.
- Failing to use these methods is both economically and ethically unacceptable.

Drinks and munchies are provided after the talks to follow the conversations in a friendly atmosphere