

# Early Detection Biomarkers Workshop

Lecture Theatre - LT 340, Huxley Building,  
Imperial College, London  
17<sup>th</sup> June 2014 09:30 – 15.45



**09.30 – 10.00 Registration and light refreshments - Physics (Blackett) Concourse Level 2**

10.00 – 10:20 **Welcome - Introductions and aims of the meeting** – Lecture theatre LT 340  
Professor Robert Brown, Imperial College, London

10:20 – 12:30 **Session 1: Summary of current status and challenges**  
*Chair: Professor Robert Brown, Imperial College London*

10:20 – 10:35 **Clinical unmet need: The NCRI Primary Care CSG Perspective**  
Professor Richard Neal, University of Bangor & Dr Fiona Walter, University of Cambridge

10:35 – 10:45 **Current status: SPED Perspective**  
Professor Mahesh Parmar, NCRI SPED Chair; NIHR CRN; Medical Research Council

10.45 – 10:55 **Biomarker challenges: The NCRI Biomarker & Imaging CSG Perspective**  
Professor Craig Robson, Newcastle University

10:55 – 11:05 **Surgery and imaging**  
Dr Sadaf Ghaem-Maghami, Imperial College, London

11:05 – 11:15 **Genetics risk markers**  
Dr Paul Pharoah, University of Cambridge

11:15 – 11:30 **Coffee break - Physics (Blackett) Concourse Level 2**

11:30 – 11:40 **Epigenetic risk markers**  
Dr James Flanagan, Imperial College London

11:40 – 11:50 **The Exposome and Environmental biomarkers**  
Professor Paolo Vineis, Imperial College, London

11:50 – 12:00 **Circulating DNA/RNA**  
Dr Jacqui Shaw, University of Leicester

12:00 – 12:10 **Metabonomic profiling of patients**  
Dr Hector Keun, Imperial College London

12:10 – 12:20 **Cancer Research Technologies/CRUK perspective**  
Mr David Jenkinson, Cancer Research Technologies

12:20 – 12:30 **MRC perspective**  
Dr Louise Jones, Medical Research Council

**12.30 – 13.30 Lunch – Physics (Blackett) Concourse Level 2**

13:30 – 15:45 **Session 2: Discussion**  
*Chair: Professor Robert Brown, Imperial College London*

13:30 – 14:10 **1. Defining the clinical unmet need**  
Specific areas of clinical interest:  
a) Patients presenting with symptoms of peritoneal disease  
b) Lung cancer, associations with smoking

14:10 – 14:30 **2. Defining the resources available**  
a) Retrospective samples  
b) Prospective samples

14:30 – 14:45 **Coffee break - Physics (Blackett) Concourse Level 2**

14:45 – 15:15 **3. Defining the technologies that are clinically applicable**

15:15 – 15:45 **4. Defining a collaborative project... or not!**