

Cell-free DNA Workshop

A workshop hosted by the NCRI Clinical Studies Groups



Christie Education Centre
The Christie
Manchester, M20 4BX

Thursday 30 January 2014
10.00 – 16.15

10.00 – 10.30 Registration and Coffee/Tea

- 10.30 – 10:35 **Introduction to the workshop**
Professor Bob Brown, Imperial College London
- 10:35 – 11:05 **cfDNA as a Biomarker**
Dr James Brenton, Cancer Research UK Cambridge Institute, University of Cambridge
- 11:05 – 11:35 **cfDNA as a biomarker in breast cancer**
Professor Jacqui Shaw, University of Leicester
- 11:35 – 12:05 **cfDNA Assays, GCP-L Criteria and Implications**
Dr Jonathan Tugwood and Dr Jeff Cummings, Paterson Institute of Cancer Research
- 12:05 – 12:35 **Molecular Analysis at Different Scales of Resolution**
Dr Nitzan Rosenfeld, Cancer Research UK Cambridge Institute, University of Cambridge

12.35–13:30 Lunch

Future Clinical Application of cfDNA Discussion Session. Chair: Dr Ged Brady

- 13:30 – 14:00 **1. Industry Perspective**
Dr Gillian Ellison, AstraZeneca
- 14:00 – 14:30 **2. Cell-free DNA vs. Circulating Tumour Cells**
Professor Caroline Dive and Dr James Brenton
- 14:30 – 15:00 **3. cfDNA – Trials to Clinical Application**
Professor Jacqui Shaw and Professor Charles Coombes

15.00–15:15 Coffee/Tea Break

- 15:15 – 16:00 **General Discussion**
*What are the clinical questions and how can they be implemented?
What are the technologies available and how robust are they in clinical samples?
What does the future hold?*
- 16:00 – 16:10 **Conclusions and Recommendations**
- 16:10 – 16:15 **Closing remarks**

CPD points application submitted to the Royal College of Physicians, approval pending.

