

# Expanding the Use of PET in Clinical Cancer Research

A workshop hosted by the Biomarkers and Imaging Clinical Studies Group and the NCRN PET Research Network



The Wren Room, The Royal Institute of British Architects,  
66 Portland Place, London, W1B 1AD

Friday 30<sup>th</sup> September 2011  
09:30 - 16:00

## Objectives:

1. To provide practical advice on designing PET research studies in oncology
2. To disseminate information on imaging with non-FDG tracers for research

**Chair:** Prof Fiona Gilbert, University of Aberdeen

**09:30 - 10:00 Registration**

## 10:00 - 11.35 Session One

- 10:00 - 10:05 **Welcome and Introduction**  
Fiona Gilbert, University of Aberdeen
- 10:05 - 10:35 **Why Include FDG-PET in Your Research?**  
Ken Miles, Brighton and Sussex Medical School
- 10:35 - 11:05 **Selecting Non-FDG PET Radiotracers for Oncology Research**  
Ashley Groves, UCL
- 11:05 - 11:20 **NCRI PET Core Lab**  
Lucy Pike, Kings College London
- 11:20 - 11:35 **Funding PET Research Scans Within the NHS**  
Wai Lup Wong, Mount Vernon Hospital

**11:35 - 11.50 Refreshment Break**

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**11:50 – 13:00 Session Two**

- 11:50 – 12:20 **Imaging Cell Proliferation with <sup>18</sup>F-Fluorothymidine**  
Bal Sanghera, Mount Vernon Hospital & Laura Kenny, Imperial College
- 12:20 – 12:40 **Imaging with <sup>18</sup>F-Fluorocholine**  
Athar Haroon, University College London
- 12:40 – 13:00 **Imaging Tumour Hypoxia**  
Russell Moule, Mount Vernon Hospital

**13:00 – 14:00 Networking Lunch**

**14:00 – 15:15 Breakout Workshops**

- Breakout 1** **Imaging with <sup>18</sup>F-Fluorothymidine – Voysey Room, 4<sup>th</sup> Floor**  
Bal Sanghera, Mount Vernon Hospital & Fiona Gilbert, University of Aberdeen
- Breakout 2** **Funding and Implementing PET Studies – Wren Room, 6<sup>th</sup> Floor**  
Ken Miles, Brighton and Sussex Medical School & Paul Marsden, KCL
- Breakout 3** **Preparing a PET Research Proposal: A Generic Paradigm for FDG-PET as a Response Marker – Martin Room, 5<sup>th</sup> Floor**  
Wai Lup Wong, Mount Vernon Hospital & Simon Hughes, Royal Victoria Hospital, Belfast

**15:15 - 16:00 Session Three**

- 15:15 - 15:45 **Summary of Breakout Sessions**
- 15:45 - 16:00 **Concluding Remarks**  
Fiona Gilbert

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Erigal  
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