

PET radiotracers for studying Tumour Hypoxia

Venue: Lilian Sutton Building Meeting Room, University of Aberdeen, Aberdeen

Date: Monday 3rd October 2011, 09:30-16:00

Objectives:

1. Consensus agreement on requirements for a hypoxia tracer
2. Identify key research questions

09:30-10:00 Registration

Chair: Prof Fiona Gilbert, University of Aberdeen

10:00 **Welcome and Introduction**

Fiona Gilbert, university of Aberdeen

Presentations on PET hypoxia radiotracers

10:05 **FMISO**

Antonios Danikas, GE

10:25 **HX4**

Kevin McCarthy, Siemens

10:45 **FAZA**

Juozas Domarkas, university of Aberdeen

11:05 **Cu-ATSM**

Phil Blower, Kings College London

11:25 *Break for refreshments*

11:40 **General evaluation and discussion on PET tracers**

Franklin Aigbirhio, university of Cambridge

12:10 **Pathology of tumour hypoxia**

Adrian Harris, university of Oxford

12:40 *Sandwich Lunch*

13:25 **PET hypoxia tracers and radiotherapy**

Catharine West, university of Manchester

14:00 **PET hypoxia tracers and cancer therapeutics**

Kaye Williams, university of Manchester

14:25 **Consensus agreement of key research questions and recommendations on hypoxia tracers**

Fiona Gilbert, university of Aberdeen

15:45 **Concluding remarks**

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