

## PROGRAMME

8:30 Registration and breakfast

9:15 Opening

### SESSION 1 DISCOVER

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*Chairs* *S Peter Johnson, Timothy H Witney*

9:20 O1 David Y Lewis Beatson Institute Glasgow  
Identifying rare responders in a heterogeneous mouse model of lung cancer

9:45 O2 Christopher J Cawthorne Katholieke Universiteit Leuven  
Evaluation of novel imaging probes for  $\alpha_v\beta_6$  and CXCR4

10:10 O3 Thibault Gendron University College London  
Dibenzothiophene sulfonium salts as novel leaving groups for aromatic  $^{18}\text{F}$ -fluorination

10:25 O4 Stephen J Paisey Cardiff University  
Biodistribution of Zr-89 anti-tenascin antibody in tumour bearing mice

10:40 **Coffee break**

### SESSION 2 DEVELOP

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*Chairs* *Thibault Gendron, Tammy L Kalber*

11:10 O5 Gabriela Kramer-Marek Institute of Cancer Research  
Imaging of HER-mediated drug resistance towards personalised therapy in cancer

11:35 O6 Richard Southworth King's College London  
From perfusion bench to microPET bedside: adventures in radiotracer development

12:00 O7 Peter J Gawne King's College London  
*In vivo* PET tracking of anti-inflammatory liposomes within a rheumatoid arthritis model

12:15 O8 Edward S O'Neill University of Oxford  
Imaging DNA damage response to  $^{177}\text{Lu}$ -DOTATATE radionuclide therapy

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### SESSION 3 POSTER PITCHES

*Chairs* *Thibault Gendron, Tammy L Kalber*

12:30 Poster presenters

13:00 **Poster session** and lunch

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### SESSION 4 TRANSLATE

*Chairs* *Kerstin Sander, Bernard Siow*

14:30 **O9** Wim J G Oyen Institute of Cancer Research  
ImmunoPET with Zr-89 labelled antibodies: tool for characterisation of tumours

14:55 **O10** André Müller Life Molecular Imaging  
Discovery and clinical validation of novel PET tracers for the detection of aggregated tau

15:20 **O11** David M Gorman University of Manchester  
To what extent can histology be used to qualify PET data?

15:35 **O12** P Stephen Patrick University College London  
Translational *in vivo* tracking of a cell/gene cancer therapy using <sup>89</sup>Zr-oxine and PET imaging

15:50 **Poster session** and refreshments

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### SESSION 5 KEYNOTE LECTURE

*Chairs* *Thomas Snoeks, Timothy H Witney*

16:20 **O13** Bertrand Tavitian Université Paris Descartes/Inserm  
Simultaneous positron emission tomography and ultrafast ultrasound for hybrid molecular, anatomical and functional imaging

17:15 Prizes for best poster presentation and best poster pitch

17:25 Closing speech

17:30 + Reception and drinks