

6th Symposium on Preclinical Nuclear Imaging 2026

Programme 02 November 2026

WELCOME

9:30	Registration
10:00	Welcome address: <i>Dr Nisha Kuzhuppilly Ramakrishnan</i>
10:05	ESMI and youngESMI

SESSION 1 DISCOVERY

<i>Chair</i>		<i>Dr Kerstin Sander</i>
10:15	O 01	Prof Graeme Stasiuk TBC
10:45	O 02	Dr Isabella Ogilvy 18F-Radiopharmaceutical Diversification Enabled by Deaminative Cross-Electrophile
10:55	O 03	Mr. Allen Drews Quantitative SPECT: Limits of Dynamic 3D Mouse Thyroid Imaging with 99mTc-pertechnetate
11:05		Coffee break

SESSION 2 DEVELOPMENT

<i>Chair</i>		<i>Prof Tammy Kalber</i>
11:35	O 04	Dr Gemma Mudd Bicycle Radioconjugates: A new modality for molecular imaging of novel targets
12:05	O 05	Dr Andrea Emanuelli Imaging Tumour Antioxidant Capacity with the Novel xCT-Targeted PET Radiotracer (S)-4-(4-18F-fluorobenzyl)-L-glutamate [¹⁸ F]FSBG
12:15	O 06	Dr Tia Gibson Polysarcosine star dendrimers: An efficient drug delivery system to tumours with minimal accelerated blood clearance

12:25 **O 07 Dr Francis Man**
225Ac /89Zr-hNd2: Novel Theranostic Agents Targeting MUC5AC-Positive Cancers

SESSION 3

Chair *Dr Flaviu Bulat and Dr Joshua Kaggie*

12:35 Poster pitch flash presentations

- P Mr. Allen Drews**
Phantom characterization of quantification limits in 18F and 99mTc dual-isotope SPECT imaging
- P Mr. Shinong Zeng**
Synthesis of fluorinated n-acylethanolamine acid amidase (NAAA) inhibitors to enable the development of a radiotracer targeting NAAA
- P Ms. Rosie Lewis**
Supramolecular radiotheranostics in non-small cell lung cancer
- P Dr Zhiping Feng**
Multimodal imaging of heart-brain alterations in a mouse model of diabetes
- P Dr Abdullah Alyamani**
Dynamic [11C]Leucine PET/MRI for imaging tumour protein synthesis in colorectal cancer
- P Ms Anishaa Balaji**
Development of an in vivo traceable orthotopic rat breast cancer model for longitudinal assessment of EGFR-targeted therapy.
- P Dr Rico Chi Hang Man**
Development of an in vivo traceable triple-negative breast cancer model to study the radiation-induced abscopal effect

12:57 **Dr Kavitha Sunassee and Dr Gaurav Malviya**
An Introduction to the UK Preclinical Imaging Network

13:00 **Lunch break**
Poster presentations and networking

SESSION 4

TRANSLATION AND THERAPY

<i>Chair</i>		<i>Prof Steve Archibald</i>
14:30	O 08	Prof Jane Sosabowski TBC
15:00	O 09	Ms Philippa Garbutt Longitudinal 99mTc-DPD SPECT/CT Enables Early Detection and Quantification of Disease Progression in a Mouse Model of Transthyretin Amyloid Cardiomyopathy
15:10	O 10	Prof Hannah F. Clarke Marmoset dorsolateral prefrontal perineuronal net loss increases caudate dopamine synthesis – relevance to schizophrenia
15:20	O 11	Mr Nathan Whitty Multimodal Imaging Reveals Spatial and Temporal Associations between Neuroinflammation, Metabolism, and Synaptic Pathology in Experimental Multiple Sclerosis.
15:30		Coffee break

SESSION 5

<i>Chair</i>		<i>Dr Nisha Kuzhupilly Ramakrishnan</i>
15:50	O 12	Keynote lecture: Prof Peter Scott Developing Brain Imaging Agents: from Early Trial and Error to a Future of AI-driven CNS PET Tracer Design
16:50		Prizes and meeting close
17:00		Drinks reception
