6th Symposium on Preclinical Nuclear Imaging 2026

PROGRAMME

INTRODUCTION		
Chair		*Dr Nisha Kuzhuppilly Ramakrishnan*
9:30		Registration
10:00		Welcome address
10:05		ESMI and youngESMI
SESSION 1		**DISCOVERY**
Chair		*Dr Kerstin Sander*
10:15	**O 01**	**Prof Graeme Stasiuk** Advancing chelator design to enhance preclinical imaging for metal-based radiotracers
10:45	**O 02**	**Dr Isabella Ogilvy** ^{18}F-Radiopharmaceutical Diversification Enabled by Deaminative Cross-Electrophile
10:55	**O 03**	**Mr Allen Drews** Quantitative SPECT: Limits of Dynamic 3D Mouse Thyroid Imaging with ^{99m}Tc-pertechnetate
11:05		**Coffee break**
SESSION 2		**DEVELOPMENT**
Chair		*Prof Tammy Kalber*
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-^{18}F-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** ^{225}Ac /^{89}Zr-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 22	**Mr Allen Drews** Phantom characterization of quantification limits in ^{18}F and ^{99m}Tc dual-isotope SPECT imaging
	P 13	**Ms Anishaa Balaji** Development of an in vivo traceable orthotopic rat breast cancer model for longitudinal assessment of EGFR-targeted therapy.
	P 05	**Mr Shinong Zeng** Synthesis of fluorinated n-acylethanolamine acid amidase (NAAA) inhibitors to enable the development of a radiotracer targeting NAAA
	P 07	**Ms Rosie Lewis** Supramolecular radiotheranostics in non-small cell lung cancer
	P 18	**Dr Zhiping Feng** Multimodal imaging of heart-brain alterations in a mouse model of diabetes
	P 12	**Dr Abdullah Alyamani** Dynamic [^{11}C]Leucine PET/MRI for imaging tumour protein synthesis in colorectal cancer
	P 14	**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
Chair		*Prof Steve Archibald*
14:30	**O 08**	**Prof Jane Sosabowski** Preclinical nuclear imaging for radionuclide therapy applications
15:00	**O 09**	**Ms Philippa Garbutt** Longitudinal ^{99m}Tc-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		
Chair		*Dr Nisha Kuzhuppilly Ramakrishnan*
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**

Notes