

**PET IS WONDERFUL MEETING – 23<sup>RD</sup> OCTOBER 2023**  
**PRELIMINARY PROGRAMME; Fully in-person meeting**

**DAY 1**

<b>9:00</b>	<b>Registration opens</b> <b>Welcome teas/coffees</b>
<b>9:45 – 10:00</b>	<b>PET is Wonderful 2023 welcome talk</b> Adriana Tavares, University of Edinburgh, UK
<b>10:00 – 11:00</b>	<b>Keynote speaker talk 1</b> Chair: TBC
45 min.	<b>Positron Emission Tomography and Nanotechnology: A Dynamic Duo for Theranostics</b> Prof Weibo Cai, University of Wisconsin-Madison, USA
<b>11:00 – 12:00</b>	<b>Proffered talks, Part 1</b> <i>PET in oncology</i>   Chair: TBC
15 min.	<b>Radiosynthesis of <sup>11</sup>C Labelled Carborane-Containing PSMA Inhibitors for Targeted Boron-Neutron Capture Therapy (BNCT)</b> Sevban Dogan Ekici; St Thomas Hospital, London, UK
15 min.	<b>[<sup>18</sup>F]RM273 - A PET probe for the imaging of the sigma2 receptor in brain cancer</b> Daniel Guendel; Helmholtz-Zentrum Dresden-Rossendorf, Leipzig, Germany
15 min.	<b>Radiolabelling clinical liposome formulations (Doxil and Talidox) with [<sup>89</sup>Zr]-[Zr(oxinate)<sub>4</sub>] and preclinical evaluation in a murine model of breast cancer</b> Amaia Carrascal Minino; King's College London, UK
<b>12:00 – 13:30</b>	<b>Lunch break</b> <b>Poster session</b>
<b>13:30 – 14:30</b>	<b>Keynote speaker talk 2</b> Chair: TBC
45 min.	<b>Preclinical PET standardisation: from acquisition to analysis</b> Prof Claudia Kuntner-Hannes, Medical University Vienna, Austria
<b>14:30 – 15:30</b>	<b>Proffered talks, Part 2</b> <i>PET quantification and modelling</i>   Chair: TBC
15 min.	<b>Importance of OATP function for the pharmacokinetic variability associated with sex and age: a whole-body dynamic PET study using [<sup>11</sup>C]glyburide</b> Solene Marie; Universite Paris-Saclay, CEA, Inserm, Orsay, France
15 min.	<b>A blood-free modeling approach for the quantification of the blood-to-brain tracer exchange in TSPO PET imaging</b> Lucia Maccioni; University of Padova, Italy
15 min.	<b>Characterising SynVesT-1 binding for measuring neurodegeneration in preclinical models of multiple sclerosis using SV2A PET/MRI</b> Kelly Panichnantakul; University of Edinburgh, UK
<b>15:30 – 16:00</b>	<b>Coffee break and networking</b>
<b>16:00 – 17:00</b>	<b>Proffered talks, Part 3</b> <i>New PET tools and applications</i>   Chair: TBC
15 min.	<b>Network-Based Correlation Analysis with Preclinical Total-Body PET Data Reveals Distinct Bone Physiological Networks</b> Abigail F. Hellman; University of Edinburgh, UK

15 min.	<b>Real-time PET imaging of droplet dynamics</b> Avshalom Offner; University of Edinburgh, UK
15 min.	<b>Using an autoencoder to determine the input function for dynamic PET data</b> Paul Clegg; University of Edinburgh, UK
17:00 – 18:00	<b>Industry sponsored session</b> <b>Gold sponsors:</b> UnitedImaging and Siemens <b>Silver sponsors:</b> LMI, PMOD <b>Bronze sponsors:</b> Inviscan, SouthernScientific, Mediso
18:00 – 20:00	<b>Drinks reception and networking</b>

## PET IS WONDERFUL MEETING – 24<sup>TH</sup> OCTOBER 2023 PRELIMINARY PROGRAMME; Fully in-person meeting

### DAY 2

9:00	<b>Registration opens</b> <b>Welcome teas/coffees</b>
10:00 – 11:00	<b>Keynote speaker talk 3</b> Chair: TBC
45 min.	<b>Standardisation and guidelines for quantitative PET data analysis: new perspectives for total-body PET imaging</b> Prof Ronald Boellaard, Amsterdam UMC, Netherlands
11:00 – 12:00	<b>Proffered talks, Part 4</b> <i>Clinical PET imaging</i>   Chair: TBC
15 min.	<b>Thoracic Aortic Microcalcification Activity in Combined Positron Emission Tomography and Magnetic Resonance Imaging</b> Jennifer Nash; University of Edinburgh, UK
15 min.	<b>PET/MR imaging for monitoring disease activity in large vessel vasculitis</b> Dan Pugh; University of Edinburgh, UK
15 min.	<b><sup>18</sup>F-FDG PET-CT identifies subclinical disease and disease activity in a prospective IgG4-related disease UK cohort</b> Zara Small; John Radcliffe Hospital, Oxford, UK
12:00 – 12:30	<b>Meeting Prizes</b> Best proffered talk prize, best poster prize, best delegate engagement prize
12:30 – 13:30	<b>Lunch break and farewell</b> <b>End of PET is Wonderful 2023 meeting</b>