

FINAL MEETING PROGRAMME

9:00 – 9:30	Welcome and registration
9:30 – 9:40	Opening of PiW2019, Dr Adriana Tavares, University of Edinburgh, UK
9:40 – 10:10	Oral presentations session 1 – Instrumentation Chair: Dr Gillian Macnaught, University of Edinburgh, UK
	“Optimization of Bayesian penalized likelihood reconstruction parameters for quantitative brain Positron Emission Tomography (PET) imaging”, Ms Daniela Ribeiro, inviCRO, UK
	“Adaptive Total-Body PET”, Prof Stefaan Vandenberghe, Ghent University, Belgium
10:10 – 10:40	Oral presentations session 2 – Cardiometabolic PET imaging Chair: Dr Mark MacAskill, University of Edinburgh, UK
	“Bone marrow adipose tissue is a unique adipose subtype with distinct roles in systemic glucose homeostasis”, Dr Karla Suchacki, University of Edinburgh, UK
	“Understanding the fate and function of MSCs in islet transplantation using PET”, Dr Paul Burgoyne, University of Edinburgh, UK
10:40 – 11:10	Tea and coffee morning break Exhibitors and poster browsing. Delegate Engagement Prize.
11:10 – 11:40	Oral presentations session 3 – Heart:Brain PET imaging Chair: Dr Catriona Wimberley, University of Edinburgh, UK
	“Novel TSPO radiotracer, ¹⁸ F-LW223, can image inflammation <i>in vivo</i> in a preclinical myocardial infarction model”, Dr Mark MacAskill, University of Edinburgh, UK
	“The challenges of preclinical brain imaging from mouse to rats: a story of resolution illustrated by research examples”, Dr Herve Boutin, Manchester University, UK
11:40 – 12:20	Keynote speaker talk 1 Chair Dr Gerry Thomson, University of Edinburgh, UK
	“PET neuroimaging of the serotonin system: from rat to pig to Man” Prof Gitte Knudsen, Copenhagen University, Denmark
12:20 – 13:50	Industry sponsored lunch and poster session Sponsor pitches. Exhibitors and poster browsing. Delegate Engagement Prize.
13:50 – 14:20	Oral presentations session 4 – PET imaging in oncology Chair: Dr Christophe Lucatelli, University of Edinburgh, UK
	“Synthesis of Novel PET Imaging Agents for PARP-1 Based on Olaparib-Derived Inhibitors”, Ms Holly McErlain, University of Glasgow, UK
	“Visualising 3D tumour kinetics by multi-transgenic vectors identifies resistant clones at nanoliter resolution”, Dr David Lewis, University of Glasgow, UK
14:20 – 15:00	Keynote speaker talk 2 Chair Dr David Lewis, University of Glasgow, UK
	“Imaging cancer metabolism in patients: FDG PET and beyond” Prof David Mankoff, University of Pennsylvania, USA
15:00 – 15:30	Tea and coffee afternoon break Exhibitors and poster browsing. Delegate Engagement Prize.
15:30 – 16:45	Total-Body PET brainstorming session
	Opening: “So, what is Total-Body PET? And what can we do with it?”, Prof Terry Jones, UC Davis, USA
15:45 – 16:45	Brainstorming session. Moderators: <i>Dr Adriana Tavares, Prof Stefaan Vandenberghe and Prof Terry Jones</i>
16:45 – 17:00	Meeting Prizes and End of Meeting