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PET3D Final Conference

PET IMAGING IN DRUG DESIGN AND DEVELOPMENT

28 May 2020

Venue: *Burleigh Court, Loughborough University, UK*

Programme

Session 1: Keynote External Speaker

9.00 - 10.00 **Dr Marc Robillard** Tagworks Pharmaceuticals
Title tbc

10.00 - 10.15 ----- Coffee/Tea -----

Session 2: How PET can be used in Drug Design and Development (1)

10.15 - 10.45 ***'Nanoparticles & Small Molecule Tracers in Oncology PET imaging'***

Overview: PI Dr Danielle Vugts (AMS)

Results: ESR3 Antonia, ESR8 Rossana, ESR9 Francesco

10.45 - 11.00 ***'Biologicals as Tracers in Oncology PET imaging'***

Overview: PI Prof. Vicky Caveliers (BRU)

Results: ESR6 Jessica,

11.00 - 11.30 ***'Pre-targeted labelling of Biomolecules in Oncology PET imaging'***

Overview: PI Prof. Matteo Zanda (LBO)

Results: ESR7 Irene, ESRs Bea/Cinzia

11.30 - 11.45 ----- Coffee/Tea / ESR corner -----

Session 3: How PET can be used in Drug Design and Development (2)

11.45 - 12.15 ***'Cardiovascular PET imaging'***

Overview: Dr Chad Elmore (AZ)

Results: ESR1 Alessandro, ESRs Ilaria/Markus

12.15 - 12.45 ***'CNS PET imaging'***

Overview: Prof. Andreas Jacobs (MUN)

Results: ESR10 Davide, ESR11 Cristina, ESR12 Claudia



12.45 - 14.00 Lunch & ESR Corner - An Early Stage Researcher perspective: ‘Undertaking a PhD in a Marie Skłodowska-Curie Actions Innovative Training Network (MSCA-ITN)’

Session 4: Radiopharmaceuticals in Drug Design and Development

14.00-14.45 *“Theranostics: combining Imaging and Therapy”*
Ciara Finucane, Vice President, Discovery & Preclinical Services, Invicro

14.45-15.30 *“De-risking PET Radioligand Development with the 3 P’s: Pharmacology, Pharmacology, Pharmacology”*
Lisa Wells, Head of Discovery CNS Applications, Invicro

15.30 – 15.45 ----- Coffee/Tea -----

15.45-16.30 *“PET in Early Phase Oncology Trials”*
Jan Passchier, Global Head of Laboratories and Clinics, Invicro

16.30- 16.35 Closing Remarks