

Positron Emission Tomography: Technology and Application

DRAFT Course Programme – April 2017

Monday 24 April 2017

	Session	Speaker
08:30 – 09:00	Registration	
09:00 – 09:30	Welcome, Housekeeping and PET Course Overview	Tony Gee
09:30 – 10:15	Cyclotrons and Isotope Production	Mikael Jensen
10:15 -10:45	Coffee Break	
10:45 – 11:30	Carbon-11 Radiochemistry: Basic Principles and Recent Advances	Salvatore Bongarzone
11:30 – 12:15	Ligand Design (1)	Tony Gee
12:15 – 13:15	Lunch	
13:15 – 14:00	Preclinical PET	Nisha Singh
14:00 – 15:00	Workshop: Isotopes / Ligand Design / Evaluation / Radiochemistry	Tony Gee, Mikael Jensen, Salvatore Bongarzone
15:00 - 15:30	Coffee Break	
15.30 – 16.15	PET scanning technology	Paul Marsden
16:15 – 17:00	PET in Neurology	Alexander Hammers
Evening	Social Event: Local pub orientation (optional)	

Tuesday 25 April 2017

	Session	Speaker
09:00 – 09:45	Fluorine-18 Radiochemistry: Basic Principles and Recent Advances	Helen Betts
09:45 – 10:30	Radiotracer and Ligand Design (2)	Tony Gee
10:30 - 11:00	Coffee Break	
11:00 – 11:45	PET scanning – practical and operational issues	Paul Marsden
11:45 – 12:30	Modelling (1)	Mattia Veronese
12:30 – 13:30	Lunch	
13:30 – 15:00	Workshop 1: Modelling and Image Analysis I	Joel Dunn, Federico Turkheimer, Mattia Veronese
	Workshop 2: Scanning protocols and practicalities for clinical and research PET studies	Paul Marsden
15:00 - 15:30	Coffee Break	
15:30 – 16:15	Radiometals	Rafa Torres
16:15 – 17:00	PET in Oncology	TBC
Evening	Wine Reception at the Gordon Museum (optional)	

Wednesday 26 April 2017

	Session	Speaker
09:00 - 10:00	Modelling (2)	Joel Dunn
10:00 – 11:00	Workshop 1: Preclinical Studies	Tony Gee, Nisha Singh
	Workshop 2: Modelling and Image Analysis II	Joel Dunn, Federico Turkheimer, Mattia Veronese
11:00 - 11:30	Coffee Break	
11:30 – 12:15	PET in Drug Discovery and Development	Tony Gee
12:15 – 13:00	PET: Past, Present and Future	Christine Parker
13:00 – 13:15	Wind-Up and Meeting Close	Tony Gee

Notes

- Organisers reserve the right to change the programme.
- Please note the lecture materials are the intellectual property of the lecturers and are not to be duplicated or distributed without permission.