King's College London & Guy's and St Thomas' PET Centre

KING'S College LONDON

PET Methodology

Course Programme

Tuesday 14 November 2017

Time	Lecture	Lecturer
09:15-09:30	Registration	
09:30-10:00	Introduction and Overview	Federico Turkheimer
10:00-11:15	Lecture: Introduction to Positron Emission Tomography	Federico Turkheimer
11:15–11:30	**Coffee Break**	
11:30-12:30	Lecture: Experimental Design of PET studies	Federico Turkheimer
12:30-13:30	**Lunch**	
13:30-14:30	Practical Session: Experimental Design of PET studies	Federico Turkheimer
14:30-15:30	Lecture: Practical Image Processing	Joel Dunn
15:30-16:00	**Coffee Break**	
16:00-17:30	Practical Session: PET Image Analysis	Federico Turkheimer, Joel Dunn and Mattia Veronese

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Wednesday 15 November 2017

Time	Lecture	Lecturer
09:30-10:30	Lecture: Quantification of PET studies 1	Mattia Veronese
10:30–10:45	**Coffee Break**	
10:45-12:15	Practical Session: Basic Kinetic Modelling	Federico Turkheimer, Joel Dunn and Mattia Veronese
12:15-13:15	**Lunch**	
13:15-14:00	Lecture: Pharmacological Imaging Concepts	Nisha Singh
14:00-14:15	**Coffee Break**	
14:15-15:30	Lecture: Quantification of PET studies 2	Federico Turkheimer, Joel Dunn and Mattia Veronese
15:30-17:00	Practical Session: Advanced Modelling Topics	Federico Turkheimer, Joel Dunn and Mattia Veronese

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Thursday 16 November 2017

Time	Lecture	Lecturer
09:30-10:30	Lecture: Basic Statistics and Analysis of ROI data	Federico Turkheimer
10:30–10:45	**Coffee Break**	
10:45-11:45	Practical Session: Analysis of ROI data	Federico Turkheimer, Joel Dunn and Mattia Veronese
11:45-12:30	Lecture: Analysis of Parametric Images	Federico Turkheimer
12:30-13:30	**Lunch**	
13:30-14:30	Practical Session: Analysis of Parametric Images	Federico Turkheimer, Joel Dunn and Mattia Veronese
14:30-15:00	Lecture: Methodological Issues in PET Clinical Studies	Federico Turkheimer
15:00-15:15	**Evaluation (Feedback) session and Course Closure**	

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.