

NUCLEAR MEDICINE COURSE 9 – 12 MARCH 2027
Lecture Theatre & 1st Floor Meeting Rooms,
Brookes Lawley Building, Institute of Cancer Research
Provisional Timetable

	Tuesday 9 March Radionuclides & radiation protection		Wednesday 10 March Gamma camera imaging	Thursday 11 March PET/CT	Friday 12 March Internal dosimetry
9.45 – 10:15	Registration and Coffee and Course introduction <i>Dr Iain Murray</i>	09:30 – 10:15	LECTURE 6 The Gamma Camera and image acquisition <i>Mr Bruno Rojas</i>	LECTURE 13 Principles of CT imaging <i>Dr Jamie Dormand</i>	LECTURE 19 Introduction & the MIRD schema <i>Dr Manuel Bardies</i>
10:15 – 11:00	LECTURE 1 Physics for Nuclear Medicine <i>Dominic Rushforth</i>	10:15 – 11:00		LECTURE 14 PET Instrumentation <i>Dr Iain Murray</i>	LECTURE 20 Time Integrated Activity Calculations <i>Dr Jonathan Gear</i>
11:00 – 11:45	LECTURE 2 Radionuclide production <i>Jennifer Robinson</i>	11:00 – 11:15	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>
	11:45 – 12:45	LECTURE 3 Radiopharmaceuticals <i>Stephen Howell</i>	11:15 – 12:00	LECTURE 7 Iterative reconstruction <i>Dr Iain Murray</i>	PET Instrumentation <i>(cont.)</i>
12:00 – 12:45		LECTURE 8 Quantitative imaging <i>Dr Jonathan Gear</i>	12:00 – 12:45	LECTURE 15 Principles of Tracer Kinetics <i>Dr Iain Murray</i>	LECTURE 22 Clinical Application of Dosimetry 1 <i>Dr Jonathan Gear</i>
12.45- 13.45	<i>Buffet Lunch (provided)</i>	12.45- 13.45	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
13:45- 14:30	LECTURE 4 Nuclear Medicine / PET Case Studies <i>Dr Chen Low</i>	13:45 – 14:30	LECTURE 9 Nuclear Medicine / PET Case Studies <i>Dr Brent Drake</i>	LECTURE 16 The Future of Nuclear Medicine <i>Dr Nabil Hujairi</i>	LECTURE 23 (13:45-14:45) Radiobiology for MRT <i>Paul Gape</i>
14:30- 15:15	LECTURE 5 Radiation detectors <i>Dr Dimitra Darambara</i>	14:30 – 15:15	LECTURE 10 Quality Control and performance assessment of gamma camera systems <i>Dr Allison Craig</i>	LECTURE 17 PET in Radiotherapy <i>Dr Allison Craig</i>	LECTURE 24 (14:45-15:30) Clinical Application of Dosimetry 2 <i>Dr Allison Craig</i>
15:15 – 15:30	<i>Tea</i>	15:15 – 15:30	<i>Tea</i>	<i>Tea</i>	<i>Tea</i>
15:30 – 16:15	Radiation detectors <i>(cont.)</i>	15:30 – 16:15	LECTURE 11 Image Processing Techniques <i>Dr Iain Murray</i>	LECTURE 18 Advances in PET Technology <i>Dr Iain Murray</i>	Workshop 3 (15:45-17:00) Dosimetry Workshop <i>Dr Jonathan Gear</i>
16:15 – 17:00	Workshop 1 Radionuclide / Radiopharmacy Workshop		LECTURE 12 Advances in Gamma Camera Technology <i>Mr Bruno Rojas</i>	Workshop 2 PET / SPECT Procurement Workshop <i>Dr Iain Murray</i>	