

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 Registration and Coffee and Course introduction <i>Dr Iain Murray</i>		Wednesday 10 March Gamma camera imaging		Thursday 11 March PET/CT		Friday 12 March Internal dosimetry
9.45 – 10:15		09:30 – 10:15	LECTURE 7 The Gamma Camera <i>Mr Bruno Rojas</i>		LECTURE 15 Principles of CT imaging <i>Ruby Callister</i>		LECTURE 22 Introduction & the MIRD schema <i>Dr Manuel Bardies</i>
10:15 – 11:00	LECTURE 1 Physics for Nuclear Medicine	10:15 – 11:00	LECTURE 8 Nuclear Medicine Imaging Techniques <i>Dr Jonathan Gear</i>		LECTURE 16 PET Instrumentation <i>Dr Iain Murray</i>		LECTURE 23 Quantitative imaging <i>Dr Jonathan Gear</i>
11:00 – 11:45	LECTURE 2 Radionuclide production <i>Dr Iain Murray</i>	11:00 – 11:15	<i>Coffee</i>		<i>Coffee</i>		<i>Coffee</i>
		11:15 – 12:00	LECTURE 9 SPECT Imaging <i>Dr Jonathan Gear</i>		PET Instrumentation <i>(cont.)</i>		LECTURE 24 Absorbed Dose Calculation Algorithms <i>Dr Manuel Bardies</i>
11:45 – 12:45	LECTURE 3 Radiopharmaceuticals <i>Stephen Howell</i>	12:00 – 12:45	LECTURE 10 Iterative reconstruction <i>Dr Iain Murray</i>		LECTURE 17 Principles of Tracer Kinetics		LECTURE 25 Applications of internal dosimetry <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 11 Nuclear Medicine / PET Case Studies <i>Dr Brent Drake</i>		LECTURE 18 The Future of Nuclear Medicine <i>Dr Nabil Hujairi</i>		LECTURE 26 (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 12 Quality Control and performance assessment of gamma camera systems <i>Dr Allison Craig</i>		LECTURE 19 PET in Radiotherapy <i>Dr Iain Murray</i>		LECTURE 27(14:45-15:30) Dosimetry in Clinical Therapies <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 13 Image Processing Techniques <i>Dr Iain Murray</i>		LECTURE 20 Advances in PET Technology <i>Dr Iain Murray</i>		LECTURE 28 (15:45-17:00) Dosimetry Workshop <i>Dr Jonathan Gear</i>
16:15 – 17:00	LECTURE 6 Radiation Protection in Nuclear Medicine <i>Dr Allison Craig</i>	16:15 – 17:00	LECTURE 14 Advances in Gamma Camera Technology <i>Mr Bruno Rojas</i>		LECTURE 21 PET / SPECT Procurement Workshop <i>Dr Iain Murray</i>		