

May
20-22

Meeting at a Glance

Bootcamp and Saturday


Bootcamp registration from 09:30

Main conference registration from 12:30 (tea and coffee provided)

Time	Hall 5	Hall 7A	Hall 8A	Hall 8B
AM (1)	BOOTCAMP Physicians Stream 1	BOOTCAMP Molecular Radiotherapy Training		
AM (2)	BOOTCAMP Physicians Stream 2	BOOTCAMP Molecular Radiotherapy Training	Radiographer and Technologist Training Forum	
PM (1)	MASTERCLASS 1: Thyroid Cancer	Molecular Radiotherapy Training	CME & ABSTRACTS: Neuroimaging	RTN REVIEW SERIES 1: Peptide Receptor Radionuclide Therapy (PRRT)
PM (2)	Governance and Safety	Molecular Radiotherapy Training	Young Investigators Prize	CME & ABSTRACTS: Molecular Radio Theragnostics
18:15	Inauguration of the Commercial Exhibition / President's Reception (Exhibition Hall)			

Sunday

Registration from 08:15 (tea and coffee provided)



Time	Hall 5	Hall 7A	Hall 8A	Hall 8B
AM (1)	MASTERCLASS 2: Endocrine	CME & ABSTRACTS: Radiopharmacy 1	CME & ABSTRACTS: Respiratory	RTN REVIEW SERIES 2: Infection / Inflammation Imaging
AM (2)	MASTERCLASS 3: Research Workshop	CME & ABSTRACTS: Radiopharmacy 2	CME & ABSTRACTS: PET/MRI	RTN REVIEW SERIES 3
13:00	Poster Judging, P1-P45 (Exhibition Hall)			
PM (1)	MASTERCLASS 4: PET/CT	(Hall 7A): CME & ABSTRACTS: Physics 1 (Hall 7B): PET Amyloid  Reader Training	Cardiac Session	RTN REVIEW SERIES 4
PM (2)	Career Guidance & Progression in Nuclear Medicine	CME & ABSTRACTS: Physics 2	CME & ABSTRACTS: General Nuclear Medicine 1	RTN REVIEW SERIES 5: Abstracts
17:00	BNMS AGM (Hall 5)			

May
20-22

Meeting at a Glance

Monday

Registration from 08:30 (tea and coffee provided)

Time	Hall 1	Hall 7A	Hall 8A	Hall 8B
AM (1)	CME & ABSTRACTS: Bone Imaging	LYMPHOSEEK 	CME & ABSTRACTS: Radium (Therapy) 	ABSTRACTS: Radiation Protection
AM (2)	MASTERCLASS 5: Selective Internal Radiation Therapy (SIRT)	CME & ABSTRACTS: General Nuclear Medicine 2	MASTERCLASS 6: ^{99m} Tc DPD Scintigraphy for Imaging Cardiac Amyloidosis	ABSTRACTS: Oncology Functional Imaging
13:00	Poster Judging, P46-P74 (Exhibition Hall)			
14:00	ANNUAL LECTURE: Radionuclide Theragnostics in Prostate Cancer (Hall 1)			
15:30	Prizes and Inauguration of President Elect (Hall 1)			
15:45	Highlights Lecture (Hall 1)			
16:30	Close of Meeting			

Exhibitors



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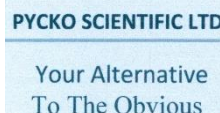
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Bootcamp

Hall 5

10:00 – 11:15	Physicians Stream 1 – Chairs: Dr Nitasha Singh and Dr Simon Hughes
10:00 – 10:25	Applied Head and Neck Anatomy <i>Dr Stewart Redman, Royal United Hospital, Bath, UK</i>
10:25 – 10:50	Parathyroid Imaging <i>Dr David Little, Royal United Hospital, Bath, UK</i>
10:50 – 11:15	Update on thyroid for nuclear medicine <i>Dr Nicola Mulholland, King's College Hospital, London, UK</i>
11:15 – 11:40	Refreshment Break (Foyer of Halls 5/7/8)
11:40 – 12:55	Physicians Stream 2 – Chairs: Dr Stewart Redman & Dr Teresa A. Szyszko
11:40 – 12:05	Neuroanatomy – as easy as H, V, C <i>Prof Alexander Hammers, King's College Hospital, London, UK</i>
12:05 – 12:30	Dementia functional imaging – how to complete the diagnostic jigsaw puzzle <i>Dr Sabina Dizdarevic, Brighton and Sussex Medical School, Brighton, UK</i>
12:30 – 12:55	Neuro-oncology Imaging <i>Dr Teresa A. Szyszko, PET Centre at St Thomas' Hospital, London, UK</i>
12:55 – 13:45	Lunch for Bootcamp delegates (Foyer of Halls 5/7/8)

Hall 7A

10:00 – 10:55	Molecular Radiotherapy Training – Chair: Dr Matt Guy <i>*Pre-registration is required</i>
10:05 – 10:30	MIRD: Principles and Practice <i>Dr Jim O'Doherty, King's College London, London, UK</i>
10:30 – 10:55	MIRD: Using Olinda <i>Dr Jim O'Doherty, King's College London, London, UK</i>
10:55 – 11:10	Refreshment Break (Hall 7B)
11:10 – 13:00	Molecular Radiotherapy Training – Chair: Dr Bruno Rojas Fisher <i>*Pre-registration is required</i>
11:10 – 11:35	Dealing with Uncertainty in MRT Dose Calculations <i>Dr Jonathan Gear, Royal Marsden Hospital, London, UK</i>
11:35 – 13:00	Workshop on Whole Body Dosimetry for Thyroid Cancer Patients <i>Dr Jill Tipping, The Christie NHS Trust, Manchester, UK</i>
13:00 – 14:00	Lunch for Molecular Radiotherapy Training Attendees (Hall 7B)

Hall 8A

12:30 – 13:30	Radiographer and Technologist Training Forum
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Saturday

Hall 5

13:40 – 13:45	Welcome Message (Main Foyer)
13:45 – 15:15	MASTERCLASS 1: Thyroid Cancer – Chairs: Dr Sabina Dizdarevic & Prof Ralph McCready
13:45 – 14:15	Current Views of Medullary Thyroid Cancer <i>Prof Willy Mboyo Di Tamba Vangu, CM Johannesburg Academic Hospital, University of the Witwatersrand, South Africa</i>
14:15 – 14:45	131-iodine treatment for thyroid cancer in children <i>Prof Jasna Mihailovic, Oncology Institute of Vojvodina, Sremska Kamenica, Serbia</i>
14:45 – 15:15	131-iodine treatment of the differentiated thyroid cancer: 76 years of success and recent controversies <i>Dr Sandy McEwan, University of Alberta, Canada</i>
15:15 – 15:45	Refreshment Break (Main Foyer)
15:45 – 18:15	Governance and Safety – Chairs: Dr John Buscombe & Dr Richard Graham
15:45 – 16:15	BNMS Annual Survey <i>Mr Paul Hinton, Royal Surrey County Hospital, Guildford, UK</i>
16:15 – 16:45	ARSAC Update <i>Dr John Rees, University Hospital of Wales, Cardiff, Wales, UK</i>
16:45 – 17:15	Update from RUSI/BNMS project <i>Prof Sobhan Vinjamuri, Royal Liverpool University Hospital, Liverpool, UK</i>
17:15 – 17:45	EANM Nomenclature Guidelines for Abstracts <i>Prof Antony Gee, King's College London, London, UK</i>
17:45 – 18:15	Adverse Reactions and Radiopharmaceutical Defects <i>Dr Maggie Cooper, Royal Liverpool Hospital, Liverpool, UK</i>
18:15 – 19:15	Inauguration of Commercial Exhibition / President's Reception (Exhibition Hall)

Hall 7A

13:40 – 13:45	Welcome Message (Main Foyer)
14:00 – 15:30	Molecular Radiotherapy Training – Chair: Dr Daniel McGowan <i>*Pre-registration is required</i> Workshop Practical SIRT: Dosimetry of Y-90 microsphere therapies <i>Miss Allison J. Craig, Royal Marsden Hospital, London, UK</i>
15:30 – 16:00	Refreshment Break (Hall 7B)
16:00 – 17:45	Molecular Radiotherapy Training – Chair: Dr Jill Tipping <i>*Pre-registration is required</i> Workshop 3: PRRT <i>Dr Jonathan Gear, Royal Marsden Hospital, London, UK</i>
18:15 – 19:15	Inauguration of Commercial Exhibition / President's Reception (Exhibition Hall)

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Saturday

Hall 8A

13:40 – 13:45	Welcome Message (Main Foyer)
14:00 – 15:30	CME & ABSTRACTS: Neuroimaging and Head & Neck – Chairs: Dr Teresa A. Szyszko & Prof Willy Mboyo Di Tamba Vangu
14:00 – 14:30	Multimodality Functional Imaging of Epilepsy <i>Prof Alexander Hammers, King's College London, London, UK</i>
14:30 – 14:42	(1) Baseline ¹⁸F flortaucipir SUVR, but not amyloid or cognition, predicts cognitive decline over 18 months in phase 2 trial subjects <i>Michael Devous^a, Michael Navitsky^a, Andrew Siderow^a, Ian Kennedy^a, Abhinay Joshi^a, Sudeepti Southeikal^a, Ming Lu^a, Michael Pontecorvo^a, Alan Lenox-Smith^b and Mark Mintun^a</i> <i>^aAvid Radiopharmaceuticals, Philadelphia, United States, ^bLilly UK, Basingstoke, UK</i>
14:42 – 14:54	(2) Experience at UCLH of Ictal and Interictal ^{99m}Tc-HMPAO SPECT/CT imaging in localising epileptic seizure site: a viable alternative to ¹⁸F-FDG PET/CT <i>April-Louise Smith, Beate Diehl, Jamshed Bomanji, Rayjanah Allie, John C. Dickson and Anna Barnes</i> <i>University College London Hospital NHS Foundation Trust, London, UK</i>
14:54 – 15:06	(3) The role of PET/CT in head and neck cancer: an experience at two district general hospitals in the South West of England <i>Asha Omar^a, Harriet Barber^a, Thomas Sulkin^b and Sarah Higgins^c</i> <i>^aPeninsula Radiology Academy, Plymouth, UK, ^bRoyal Cornwall Hospitals NHS Trust, Truro, UK, ^cTorbay and South Devon NHS Foundation Trust, Torbay, UK</i>
15:06 – 15:18	(4) SUVmax ratio on ¹⁸F-FDG PET/CT as a predictor of tonsillar primary in patients with head and neck squamous cell carcinoma of unknown primary <i>D. Pencharz^b, J. Dunn^a, S. Connor^a, A. Siddiqui^a, N. Sriskandan^a, S. Thavaraj^a, R. Oakley^a, M. Lei^a, T. GuerraUrbano^a, G. Cook^a and T. Szyszko^a</i> <i>^aSt Thomas' Hospital, London, UK, ^bRoyal Free Hospital, London, UK</i>
15:18 – 15:30	(5) The use of ¹⁸F-FDG PET/CT in predicting recurrence of head and neck cancer after curative therapy: a retrospective study <i>Soumitra Mukerji^{a,b}, Siraj Yusuf^b, Neva Patel^b, Kuldip Nijran^b and Zarni Win^b</i> <i>^aColchester Hospital University NHS Foundation Trust, Colchester, UK, ^bImperial College Healthcare NHS Trust, London, UK</i>
15:30 – 16:00	Refreshment Break (Main Foyer)
16:00 – 18:00	Young Investigators Prize – Chairs: Prof Richard Lawson & Dr Brent Drake
16:00 – 16:20	(6) Is dopamine transporter (DaT) right anterior putamen/background ratio an index of non-planning impulsivity in patients with Parkinson's disease? <i>Guglielmo La Torre^b, Aleksandra Maria Herman^a, Maryam Jessop^d, Nadia Abdula^d, Ania Crawshaw^{c,e}, Patrick Begley^d, Emma Wroe^d, Romi Anirban Saha^d, Theodora Duka^a and Sabina Dizdarevic^{b,d}</i> <i>^aSchool of Psychology, University of Sussex, Brighton, UK, ^bBrighton and Sussex Medical School, Brighton, UK, ^cUniversity Hospital of Wales, Cardiff, UK, ^dBrighton and Sussex University Hospitals NHS Trust, Brighton, UK, ^eUniversity of Cardiff, Cardiff, UK</i>
16:20 – 16:40	(7) Quantitating staff extremity doses in PET from dispensing and administration of ⁶⁸Ga-DOTATATE <i>Tamar Willson^{a,b}, Maria Burniston^a, Jonathan Eakins^c, Peter Faulkner^a, Luke Hager^c and Rick Tanner^c</i>

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^aRoyal Free London NHS Foundation Trust, London, UK, ^bKing's College London, London, UK, ^cPublic Health England, Oxford, UK

- 16:40 – 17:00 **(8) A novel bone phantom for critical evaluation for techniques employed in radionuclide bone scintigraphy and PET bone imaging**
Lois Collins, Joanne Prosser, Alistair Tarbuck, Duncan Murray and Ajay Sreedasyam
Department of Medical Physics, Raigmore Hospital, Inverness, UK
- 17:00 – 17:20 **(9) Effectiveness of potassium iodate taken 30 min prior to injection as thyroid blockade in paediatric ¹²³I-MIBG**
Timothy Melhuish^a, Sandra Johns^a, Sofia Michopoulou^a, Ben Thurlow^b and Matthew Guy^a
^aUniversity Hospital Southampton, Southampton, UK, ^bGreat Ormond Street Hospital, London, UK
- 17:20 – 17:40 **(10) The clinical implications of FDG PET/CT in cancer of unknown primary (CUP)**
Emily Vaughan and Shaunak Navalkisoor
Royal Free Hospital, London, UK
- 17:40 – 18:00 **(11) Exploring the role of ¹⁸F-FDG PET/CT in evaluation of plexopathies – Initial experience**
Sameer Taywade, ArunRaj S. T., Rakesh Kumar, Shruti Tulsyan, Madhavi Tripathi, Chandan Das and C. S. Bal
All India Institute of Medical Sciences, New Delhi, India
- 18:15 – 19:15 Inauguration of Commercial Exhibition / President's Reception (Exhibition Hall)

Hall 8B

- 13:40 – 13:45 Welcome Message (Main Foyer)
- 14:00 – 15:30 **RTN Review Series 1: Peptide Receptor Radionuclide Therapy (PRRT) – Chairs: Mrs Sandra Johns & Mr Nick Gulliver**
- 14:00 – 14:30 **Principles and Practice of PRRT using Lutetium Octreotate (Lutathera)**
Dr Gill Vivian, King's College Hospital, London, UK
- 14:30 – 15:00 **PRRT – The Patient Perspective**
Mrs Catherine Bouvier & patient representative, NET Patient Foundation
- 15:00 – 15:30 **Radiation Safety in Lutetium 177 PRRT**
Ms Eleni Kalogianni, King's College Hospital, London, UK
- 15:30 – 16:00 Refreshment Break (Main Foyer)
- 16:00 – 18:15 **CME & ABSTRACTS: Molecular Radio Theragnostics – Chairs: Prof Dražen Huić & Prof Irene Virgolini**
- 16:00 – 16:15 **Enhancing radionuclide therapy**
Prof Ralph McCreedy, Royal Sussex County Hospital, Brighton, UK
- 16:15 – 16:27 **(12) Biodistribution, radiation dosimetry and preliminary results of a novel ¹⁸F-fluoroethyl triazole [{Tyr³}] octreotate analogue for PET imaging in locally advanced and metastatic neuroendocrine tumour patients**
Suraiya Dubash^a, N. Keat^b, P. Mapelli^a, F. Twyman^a, L. Carroll^a, K. Kozłowski^a, A. AL-Nahhas^a, S. Azeem^b, M. Huiban^b, A. Frilling^c, T. Barwick^a, A. Rockall^a, R. Sharma^a and E. Aboagye^a
^aDepartment of Surgery and Cancer, Imperial College London, London, UK, ^bImanova Centre for Imaging Studies, London, UK, ^cDepartment of Surgery, Imperial College London, London, UK

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16:27 – 16:39	<p>(13) Rhenium-188 patch radionuclide therapy for treatment of Keloids: A follow up study <u>Priyanka Gupta^a</u>, Kaushal K. Verma^b, Rakesh Kumar^a, C. S. Bal^a, Arun Malhotra^a and G. P. Bandopadhyaya^a ^aDepartment of Nuclear Medicine, All India Institute of Medical Sciences, New Delhi, India, ^bDepartment of Dermatology, All India Institute of Medical Sciences, New Delhi, India</p>
16:39 – 16:51	<p>(14) DEPICT: a compact gamma camera for dosimetry in radionuclide therapy <u>Laura Harkness-Brennan^a</u>, Samantha Colosimo^a, Daniel Judson^a, Lucy McAreavey^a, Paul Nolan^a, Ana Denis-Bacelar^c, Glenn Flux^b, Melvyn Carroll^d, Brian Harris^e and Ian Radley^f ^aUniversity of Liverpool, Liverpool, UK, ^bRoyal Marsden Hospital, Sutton, UK, ^cInstitute of Cancer Research, Sutton, UK, ^dThe Royal Liverpool and Broadgreen University Hospital, Liverpool, UK, ^eeV Products Inc (Kromek USA), Saxonburg, United States, ^fKromek Group PLC, Sedgefield, UK</p>
16:51 – 17:03	<p>(15) Internal dosimetry considerations for paediatric radioimmunotherapy <u>April-Louise Smith^a</u>, <u>Thomas Sanderson^a</u>, Eoin O'Mahoney^a, Sofia Michopoulou^b, John Langford^b, Matt J. Guy^b and John C. Dickson^a ^aUniversity College London Hospital NHS Foundation Trust, London, UK, ^bUniversity Hospital Southampton NHS Foundation Trust, Southampton, UK</p>
17:03 – 17:15	<p>(16) Concomitant lutetium-177-DOTATATE and capecitabine therapy in patients with advanced neuroendocrine tumours: A long-term outcome, toxicity, survival and quality of life study <u>Madhav Prasad Yadav</u>, Sanjana Ballal, Nishikant Damle and Chandrasekhar Bal All India Institute of Medical Sciences, New Delhi, India</p>
17:15 – 17:27	<p>(17) First whole-body biodistribution and radiation dosimetry of [¹⁸F]tetrafluoroborate ([¹⁸F]TFB), a PET probe for imaging sodium-iodide symporter expression in thyroid cancer patients <u>Jim O'Doherty^a</u>, Maite Jauregui-Osoro^a, Teresa Brothwood^b, Teresa Szyszko^a, Paul Marsden^a, Mike O'Doherty^a, Gary Cook^a, Phil Blower^a and Val Lewington^b ^aPET Imaging Centre, King's College London, London, UK, ^bDepartment of Nuclear Medicine, Guy's and St Thomas' Hospital, London, UK</p>
17:27 – 17:39	<p>(18) Comparative evaluation of Rhenium-188 with Lutetium-177 radiosynovectomy to alleviate pain in chronic inflammatory arthritis of knee. <u>Shamim Ahmed Shamim</u>, Pragati Jha, Priyanka Gupta, Ravi Mittal, Surabhi Vyas, Tahir M. Ansari, Deepak Gautam, Shiv Kumar Suman and C. S. Bal All India Institute of Medical Sciences, New Delhi, India</p>
17:39 – 17:51	<p>(19) First experiences of Thorium-227 imaging <u>Neil Davis^a</u> and Tamar Willson^{a, b} ^aRoyal Free London NHS Foundation Trust, London, UK, ^bKing's College London, London, UK</p>
17:51 – 18:03	<p>(20) [¹⁸F] FDG PET/CT in head and neck paragangliomas: a centre experience <u>Sarah Boughdad^a</u>, Ann O'Connor^b, Gary Cook^a, Rupert Obholzer^b and Victoria Warbey^a ^aDepartment of Cancer Imaging, KCL Division of Imaging Sciences & Biomedical Engineering, London, UK, ^bDepartment of Otolaryngology, Guy's Hospital London, London, UK</p>
18:03 – 18:15	<p>(21) Quality of life outcome after each cycle in NET patients receiving peptide receptor radionuclide therapy (PRRT) <u>Ivy M. Vito</u>, Neil Davis, Rebelidad Leshen, Helena McMeekin, Lovelyn Colcol, Gopinath Gnanasegaran and Shaunak Navalkissoor Royal Free Hospital, London, UK</p>
18:15 – 19:15	Inauguration of Commercial Exhibition / President's Reception (Exhibition Hall)

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Hall 5

08:45 – 10:15	MASTERCLASS 2: Endocrine – Chair: Prof Jasna Mihailovic
08:45 – 09:15	Evolving Role of 18-F-Fluorodopa in Endocrine Imaging <i>Prof Dražen Huić, Department of Nuclear Medicine and Radiation Protection, University Hospital Center, Zagreb, Croatia</i>
09:15 – 09:45	Lithium Enhanced Radioactive Ablation of Hyperthyroid Patients <i>Prof Willy Mboyo Di Tamba Vangu, CM Johannesburg Academic Hospital, University of the Witwatersrand, South Africa</i>
09:45 – 10:15	Theranostics for neuroendocrine tumours update <i>Dr John Buscombe, Cambridge University Hospitals, Cambridge, UK</i>
10:15 – 10:45	Refreshment Break (Exhibition Hall)
10:45 – 13:00	MASTERCLASS 3: Research Workshop – Chairs: Dr Francis Sundram & Prof Sally F. Barrington
10:45 – 11:15	Nuclear Medicine and Molecular Imaging Research: Update from the Editor-in-Chief of the European Journal of Nuclear Medicine Molecular Imaging (EJNMMI) <i>Prof Ignasi Cario, Hospital Sant Pau, Barcelona, Spain</i>
11:15 – 11:45	NIHR and Imaging Research <i>Dr Richard Graham, Royal United Hospital, Bath, UK</i>
11:45 – 12:30	Applying for Research Approval – how the system works <i>Dr Andrew Hilson^a, Mrs Louise Fraser^b, Miss Nasreen Parkar^b and Prof Sobhan Vinjamuri^c</i> ^a Molecular Imaging, Harley Street Clinic, London, UK ^b Public Health England, Nottingham, UK, ^c Royal Liverpool University Hospital, Liverpool, UK
12:30 – 13:00	Po-210: Findings from the Litvinenko Enquiry <i>Prof Alan Perkins, The University of Nottingham, Nottingham, UK</i>
13:00 – 14:00	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P1-P45 (Exhibition Hall)
14:00 – 15:30	MASTERCLASS 4: PET/CT – Chairs: Prof Wim Oyen & Dr Vineet Prakash
14:00 – 14:30	UK PET-CT guidelines 2016: current status and future directions <i>Prof Sally F. Barrington, King's College London and Guy's & St Thomas' PET Centre, London, UK</i>
14:30 – 15:00	State-of-the-art PET/CT in colorectal cancer <i>Prof Wim Oyen, Institute of Cancer Research and Royal Marsden Hospital, London, UK</i>
15:00 – 15:30	PET-CT in lymphoma: past, present, future <i>Prof Sally F. Barrington, King's College London and Guy's & St. Thomas' PET Centre, London, UK</i>
15:30 – 16:00	Refreshment Break (Exhibition Hall)
16:00 – 17:00	Career guidance/progression in nuclear medicine – Chairs: Dr J. Charlotte Fowler & Dr John Buscombe
16:00 – 16:15	Specialty Training in Nuclear Medicine - where are we now? <i>Dr Liz Prvulovich, University College London Hospitals NHS Foundation Trust, London, UK</i>
16:15 – 16:30	How to get a Consultant Post <i>Dr David Little, Royal United Hospital, Bath, UK</i>

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16:30 – 16:45	Call to arms! Rally for the Reinvigoration of UK Nuclear Medicine Training <i>Dr J. Charlotte Fowler, Guy's and St Thomas' NHS Foundation Trust, London, UK</i>
16:45 – 17:00	ST/ES Q&A and Medics Forum (Hot Topics in Nuclear Medicine)
17:00 – 18:00	BNMS AGM

Hall 8A

09:00 – 10:15	CME & ABSTRACTS: Respiratory – Chairs: Dr David Colville & Dr David Little
09:00 – 09:30	Ga68 Pentexifor PET/CT imaging in lung cancers <i>Prof Baljinder Singh, Department of Nuclear Medicine and PET, PGIMER, Chandigarh, India</i>
09:30 – 10:00	Role of V/Q in diagnostic algorithm of pulmonary hypertension <i>Dr Deepa Gopalan, Imperial College Healthcare, London & Cambridge University Hospital, Cambridge, UK</i>
10:00 – 10:15	Measuring to enable quality improvement of your V/Q SPECT service <i>Dr Stewart Redman, Royal United Hospital, Bath, UK</i>
10:15 – 10:45	Refreshment Break (Exhibition Hall)
10:45 – 12:33	CME & ABSTRACTS: PET/MRI – Chairs: Prof Ignasi Carrio Gasset & Dr Alexis Corrigan
10:45 – 11:15	Clinical PET/MRI in Oncology: Can it add value for patients and society? <i>Prof Ken Miles, Princess Alexandra Hospital, Brisbane, Australia</i>
11:15 – 11:45	PET-MRI in Oncology <i>Prof Gary Cook, King's College London, London, UK</i>
11:45 – 11:57	(22) Imaging amyloidosis patients with ¹⁸F-florbetapir PET – incidence and significance of non-cardiac soft tissue uptake <i>Thomas Wagner^a, Maria Burniston^a, James Ross^{a, b}, Annah Skillen^a, Joanne Page^{a, b}, Daniel McCool^a, Thirusha Lane^b, Richa Manwani², Philip Hawkins^b and Ashutosh Wechalekar^b</i> <i>^aNuclear Medicine Department, Royal Free London NHS Foundation Trust, London, UK, ^bNational Amyloidosis Centre, UCL Medical School, London, UK</i>
11:57 – 12:09	(23) Feasibility and incremental diagnostic value of fused FDG-PET and MRI datasets in head and neck cancer <i>Lawrence Kenning^{a, b, c}, Hiten Joshi^a, Najeeb Ahmed^{a, c} and Andy Beavis^a</i> <i>^aHull and East Yorkshire Hospitals NHS Trust, Hull, UK, ^bHull York Medical School, Hull, UK, ^cThe University of Hull, Hull, UK</i>
12:09 – 12:21	(24) 1ST STUDENT PRIZE: Does measurement of tumour shape in [¹⁸F] FDG PET/CT scans of lung cancer improve predictive and prognostic assessment? <i>Anika Sharmila^a, Musib Siddique^a, David Landau^b, Vicky Goh^a, Victoria Warbey^a and Gary Cook^a</i> <i>^aKing's College London, London, UK, ^bGuy's and St Thomas' NHS Trust, London, UK</i>
12:21 – 12:33	(25) 2ND STUDENT PRIZE: Are texture analysis parameters dependent on volume in [¹⁸F] FDG PET/CT? <i>Islam Mostafa^a, Musib Siddique^a, A. Michael Peters^b, Georgia Keramida^c, Vicky Goh^a, Victoria Warbey^a and Gary Cook^a</i> <i>^aKing's College London, London, UK, ^bBrighton Medical School, Brighton, UK, ^cRoyal Brompton & Harefield NHS Foundation Trust, London, UK</i>
12:33 – 13:30	Lunch (Exhibition Hall)

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13:00 – 13:30	Poster Judging, P1-P45 (Exhibition Hall)
13:30 – 15:25	Cardiac Session – Chairs: Dr Kshama Wechalekar & Dr Parthiban Arumugam
13:30 – 14:00	Response to pharmacological stress test as an independent prognostic risk factor during MPI <i>Dr Nitasha Singh, Brighton and Sussex University Hospitals, Brighton, UK</i>
14:00 – 14:30	Myths and truths about cardiac stress for MPS <i>Dr Eliana Reyes, King's College London, PET Centre and Royal Brompton Hospital, London, UK</i>
14:30 – 15:00	CT coronary angiography <i>Dr Leon Menezes, UCL Institute of Nuclear Medicine, London, UK</i>
15:00 – 15:25	Cardiac MRI perfusion <i>Dr Mark Westwood, Barts Health Centre, London, UK</i>
15:25 – 15:50	Refreshment Break (Exhibition Hall)
15:50 – 16:56	CME & ABSTRACTS: General Nuclear Medicine 1 – Chairs: Dr Andrew Hilson & Dr Deborah Pencharz
15:50 – 16:20	Nuclear Medicine Urology Imaging <i>Dr Nicola Mulholland, King's College Hospital, London, UK</i>
16:20 – 16:32	(26) Size does not matter: is assessment of differential function necessary before the renal transplant? <i>Nicolaos Eftychiou, Maryam Jessop, Edward Kingdon, Lawrence Goldberg and Sabina Dizdarevic Brighton and Sussex University Hospital, Brighton, UK</i>
16:32 – 16:44	(27) Automated processing in parathyroid subtraction SPECT/CT <i>Emma Lewis, Livia Tossici-Bolt, Sofia Michopoulou, Francis Sundram and Matthew Guy University Hospital Southampton NHS Foundation Trust, Southampton, UK</i>
16:44 – 16:56	(28) The advantage of SPECT/CT over SPECT in the preoperative imaging identification and localisation of parathyroid adenoma in patients presenting with primary hyperparathyroidism <i>Syed Haydar, Jon Berry, Mike Williams and Jo Taylor Cumberland Infirmary, North Cumbria University Hospitals NHS Trust, Carlisle, UK</i>
17:00 – 18:00	BNMS AGM (Hall 5)

Hall 8B

09:00 – 10:30	RTN Review Series 2: Infection/Inflammation Imaging – Chairs: Miss Katherine Day & Miss Alison Lee
09:00 – 09:30	Imaging osteomyelitis <i>Dr John Buscombe, Cambridge University Hospitals, Cambridge, UK</i>
09:30 – 10:00	Imaging cardiovascular infections/endocarditis <i>Miss Carla Abreu, King's College London and Guy's and St Thomas' PET Centre, London, UK</i>
10:00 – 10:30	Imaging prosthesis with SPECT-CT & PET-CT: pitfalls and artefacts <i>Mrs Virginia Espanola, University College Hospital, London, UK</i>
10:30 – 11:00	Refreshment Break (Exhibition Hall)
11:00 – 12:24	RTN Review Series 3 – Chairs: Mrs Sandra Johns & Ms Carolyn Lory

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11:00 – 11:30	Setting up a Bone Palliation Service: the do's and don'ts <i>Mrs Sandra Johns, University Hospital Southampton NHS Foundation Trust, Southampton, UK</i>
11:30 – 12:00	223Radium-dichloride therapy: beyond the borders <i>Ms Maryam Jessop, Brighton and Sussex University Hospitals, Brighton, UK</i>
12:00 – 12:12	(29) Coding in nuclear medicine: the challenge of correctly coding bone scans <i>Ana Carolina Gomes Moura, André Nunes and Sarah Allen Guy's and St Thomas' NHS Foundation Trust, London, UK</i>
12:12 – 12:24	(30) Change of practice in PET/CT using weight based activity according to EANM guidelines results in significant reduction in WB (Hp10) and extremities (Hp0.07) dose for classified and non-classified staff <i>Ana Ribeiro, Jessica Sowden, Louise Causer, Adam Oxer, Shirley Summers, Marguerite Meintjes, Iain Murray and Jim Thurston Royal Marsden Hospital NHS Trust Foundation, London, UK</i>
12:24 – 13:30	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P1-P45 (Exhibition Hall)
13:30 – 15:36	RTN Review Series 4 – Chairs: Ms Caroline Townsend & Miss Carla Abreu
13:30 – 14:00	How to Write a Business Case <i>Miss Katherine Day, Brighton and Sussex University Hospitals Trust, Brighton, UK</i>
14:00 – 14:30	Audits: why and how <i>Alison Lee, Aneurin Bevan University Health Board, Newport, Wales, UK</i>
14:30 – 14:42	(31) Nuclear medicine specialist nurses: everyone should have one <i>Marichel Salcedo Barking, Havering & Redbridge University Hospitals Trust, Romford, UK</i>
14:42 – 14:54	(32) Clinical trials in PET/CT: A technologist overview <i>Luis Alves, John Joemon, James Stirling, Armidita Jacob, Katharine Chalmers, Carla Abreu, Sofia Pereira and Sami Jeljeli The PET Centre at St Thomas' Hospital London, London, UK</i>
14:54 – 15:06	(33) Comparison of patient scans with known neuroendocrine tumours performed with [⁶⁸Ga] DOTATATE and [¹⁸F] FDG in our department <i>Sofia Pereira, Armidita Jacob, Carla Abreu, Luis Alves, Katharine Chalmers, John Joemon and Teresa Szyszko King's College London, London, UK</i>
15:06 – 15:36	RTNG AGM
15:36 – 16:10	Refreshment Break (Exhibition Hall)
16:10 – 16:58	RTN Review Series 5: Abstracts – Chairs: Miss Carla Abreu & Mrs Sandra Johns
	(34) WITHDRAWN
16:10 – 16:22	(35) Comparison of 8-frame and 16-frame ECG gating for the quantification of left ventricular volumes and function in rubidium-82 PET/CT perfusion imaging <i>Estevao Bagj, Kshama Wechalekar, Jason See, Dean S. Booth and Lucy M. Hossen Royal Brompton and Harefield Specialist Care Wimpole Street, London, UK</i>
16:22 – 16:34	(36) The use of contrast in PET/CT: a guide for technologists <i>Katharine Chalmers^a, John Joemon^b, Armidita Jacob^b, Carla Abreu^b, Luis Alves^b and Sofia Pereira^b ^aKing's College London and ^bGuy's & St Thomas' PET Centre, Division of Imaging Sciences, London,</i>

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	<i>UK, ^bBiomedical Engineering, King's College London, King's Health Partners, St Thomas' Hospital, London, UK</i>
16:34 – 16:46	(37) Nationwide survey of lower limb lymphoscintigraphy practice <i>Mafalda Nunes-Branco, Nadra Musa, Gill Vivian and Nick Gulliver</i> <i>King's College Hospital NHS Foundation Trust, London, UK</i>
16:46 – 16:58	(38) 2-deoxy-2-[fluorine-18]fluoro-D-glucose [¹⁸F]FDG PET/CT in the qualitative and quantitative assessment of the therapeutic response in Hodgkin's lymphoma <i>Nuno Martins^{a, d}, James Hunter^b, Tânia Vaz^a and Sabina Dizadarevic^{b, c}</i> <i>^aLisbon School of Health Technology, Polytechnic Institute of Lisbon, Lisbon, Portugal, ^bClinical Imaging Sciences Centre, Brighton and Sussex Medical School, University of Sussex, Brighton, UK, ^cBrighton & Sussex University Hospitals NHS Trust, Brighton, UK, ^dClinical PET Centre, St Thomas' Hospital, NHS Foundation Trust, London, UK</i>
17:00 – 18:00	BNMS AGM (Hall 5)

Hall 7A

09:15 – 10:21	CME & ABSTRACTS: Radiopharmacy 1 – Chairs: Dr Bev Ellis & Dr Maggie Cooper
09:15 – 09:27	(39) ¹⁸F-labelled tracers for hNIS: Pros and cons <i>Julia Blower, Hussein Bdair, Jaclyn Lange and Philip Blower</i> <i>King's College London, London, UK</i>
09:27 – 09:39	(40) One-step labelling of PSMA PET Radiotracers with gallium-68: Utilising the THP chelator <i>Jennifer Young^a, Vincenzo Abbate^b, Cinzia Imberti^a, Levente Meszaros^a, Michelle Ma^a, Robert Hider^b, Greg Mullen^a and Philip Blower^a</i> <i>^aDivision of Imaging Sciences and Biomedical Engineering, King's College London, London, UK, ^bInstitute of Pharmaceutical Science, King's College London, London, UK</i>
09:39 – 09:51	(41) Initial experiences of producing [¹⁸F] fluorodeoxyglucose on the fastlab2 platform <i>Peter Llewelyn, Vito Costanza, Andrew Watkins, Syed Bukhari, Donata Hardwick, Katrin Probst, Adam Dabkowski and Christopher Marshall</i> <i>Wales Research and Diagnostic PET Imaging Centre, Cardiff, UK</i>
09:51 – 10:21	Preparation of Y90 SIR Spheres <i>Mr Clint Waight, Royal Infirmary of Edinburgh, Edinburgh, Scotland, UK</i>
10:21 – 11:00	Refreshment Break (Exhibition Hall)
11:00 – 12:30	CME & ABSTRACTS: Radiopharmacy 2 – Chairs: Dr Neil Hartman & Mrs Jilly Croasdale
11:00 – 11:30	PET imaging of transporters involved in drug disposition <i>Dr Oliver Langer, Medical University of Vienna, Vienna, Austria</i>
11:30 – 11:42	(42) Optimisation of molybdenum-99/technetium-99m generator selection – A new program <i>Bill Thomson</i> <i>City Hospital, Birmingham, UK</i>
11:42 – 11:54	(43) Feasibility study on the production of technetium-99m on an IBA 18/9 cyclotron using a COSTIS solid target system <i>Christopher Marshall^a, Adam Dabkowski^a, Matthew Talboys^a, Sophie Wiltshire^a, Ken Buckley^b, Stuart McDiarmid^b, Victoire Hanemaayer^b, Stefan Zeisler^b, Paul Schaffer^b, Fabienne Devillet^c and Delphine Blampain^c</i>

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11:54 – 12:06	<p>^aWales Research and Diagnostic PET Imaging Centre, Cardiff University, Cardiff, UK, ^bTriumf, Vancouver, Canada, ^c IBA, Louvain-La-Neuve, Belgium</p> <p>(44) Preclinical PET imaging of prostate cancer with gallium-68-THP-PSMA: rapid labelling combined with specific targeting <u>Jennifer Young^a</u>, Vincenzo Abbate^b, Cinzia Imberti^a, Levente Meszaros^a, Michelle Ma^a, Samantha Terry^a, Robert Hider^b, Greg Mullen^a and Philip Blower^a ^aDivision of Imaging Sciences and Biomedical Engineering, King's College London, London, UK, ^bInstitute of Pharmaceutical Science, King's College London, London, UK</p>
12:06 – 12:30	Radiopharmacy AGM
12:30 – 13:30	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P1-P45 (Exhibition Hall)
13:30 – 15:36	CME & ABSTRACTS: Physics 1 – Chairs: Dr Ian Armstrong & Dr David Towey
13:30 – 14:00	Quantitative SPECT: technical considerations Dr Ian Armstrong, Central Manchester University Hospitals, Manchester, UK
14:00 – 14:12	(45) Optimisation of reconstruction algorithms to improve image quality in technetium-99m sestamibi SPECT/CT parathyroid imaging <u>Charlotte A. Porter^a</u> , Kevin M. Bradley ^b and Daniel R. McGowan ^{a, c} ^a Radiation Physics & Protection, Churchill Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK, ^b Department of Radiology, Churchill Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK, ^c Department of Oncology, University of Oxford, Old Road Campus Research Building, Oxford, UK
14:12 – 14:24	(46) Effect of angular sampling on iodine-123 and iodine-131 SPECT studies <u>Sarah McQuaid^a</u> , Jill Wevret ^{a, b, c} , James Scuffham ^{a, b} and Paul Hinton ^a ^a Royal Surrey County Hospital NHS Trust, Guildford, UK, ^b University of Surrey, Guildford, UK, ^c National Physical Laboratory, Teddington, UK
14:24 – 14:36	(47) Effect of collimator choice and resolution-recovery on the quantitative accuracy of iodine-123 SPECT <u>Sarah McQuaid^a</u> , James Scuffham ^{a, b} , Jamie Grey ^{a, b} and Paul Hinton ^a ^a Royal Surrey County Hospital NHS Trust, Guildford, UK, ^b University of Surrey, Guildford, UK
14:36 – 14:48	(48) Optimal collimator choice for detection of ectopic parathyroid adenoma on planar imaging <u>Matthew Memmott^a</u> , Ian Armstrong ^a , Kimberley Saint ^a , Heather Williams ^a , Nidhal Ali ^a , Vincenzo Militano ^a and John Thompson ^b ^a Central Manchester University Hospitals, Manchester, UK, ^b University of Salford, Manchester, UK
14:48 – 15:00	(49) An investigation into the utility of Siemens' low-penetration high-resolution collimators for iodine-123 imaging James C. Ross ^{a, b} , Maria Burniston ^a , Neil Davis ^a , Fred Wickham ^a and Tamar Willson ^{a, c} ^a Nuclear Medicine Department, Royal Free London NHS Foundation Trust, London, UK, ^b National Amyloidosis Centre, UCL Medical School (Royal Free Campus), London, UK, ^c King's College London, London, UK
15:00 – 15:12	(50) Renal processing revisited – A new approach to the Rutland-Patlak process <u>Bill Thomson</u> , Greg James, Joe Burmiston and Joe O'Brien City Hospital, Birmingham, UK
15:12 – 15:24	(51) Use of the CT scout view (Topogram) for accurate attenuation correction of planar quantitative studies

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15:24 – 15:36	<p><i>Gregory James, Joseph O'Brien, John Courtney and Bill Thomson</i> City Hospital, Birmingham, UK</p> <p>(52) A quantitative assessment of Siemens HD-chest respiratory gating using a dynamic lung-phantom <i>Emmanouil Papadopoulos^a, Nilesh Tambe^a, Glenn Woolley^a, Graham Wright^{a,b}, Najeeb Ahmed^a and Andrew Beavis^{a,b}</i> ^aHull & East Yorkshire Hospitals NHS Trust, Cottingham, UK, ^bUniversity of Hull, Hull, UK</p>
15:36 – 16:00	Refreshment Break (Exhibition Hall)
16:00 – 17:00	CME & ABSTRACTS: Physics 2 – Chairs: Mr Andy Irwin & Miss Allison J. Craig
16:00 – 16:12	<p>(53) IPEM working party on the practical implementation of dosimetry in molecular radiotherapy <i>Allison Craig^{a,c}, Jill Merrett^{b,d,e}, Elaine Hamer^f, Andrew Fenwick^d, Bruno Rojas^g and Rebecca Gregory^a</i> ^aRoyal Marsden NHSFT, Sutton, UK, ^bUniversity of Surrey, Guildford, UK, ^cInstitute of Cancer Research, London, UK, ^dNational Physical Laboratory, Teddington, UK, ^eRoyal Surrey County Hospital, Guildford, UK, ^fRoyal Stoke University Hospital, Stoke-on-Trent, UK, ^gRoyal Brompton Hospital, London, UK</p>
16:12 – 16:24	<p>(54) GATE Monte Carlo modelling of a Siemens intevo SPECT/CT system for technetium-99m and Yttrium-90 <i>Allison Craig^{a,b}, Jan Taprogge^c, Ana Denis-Bacelar^b, Iain Murray^a and Glenn Flux^a</i> ^aRoyal Marsden NHSFT, Sutton, UK, ^bInstitute of Cancer Research, Sutton, UK, ^cSt George's University Hospitals NHSFT, London, UK</p>
16:24 – 16:36	<p>(55) Full Monte Carlo collimator modelling significantly improves contrast recovery in post-SIRT Yttrium-90 bremsstrahlung SPECT imaging <i>Charlotte A. Porter^a, Matthew D. Walker^a, Kevin M. Bradley^b and Daniel R. McGowan^{a,c}</i> ^aRadiation Physics & Protection, Churchill Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK, ^bDepartment of Radiology, Churchill Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK, ^cDepartment of Oncology, University of Oxford, Old Road Campus Research Building, Oxford, UK</p>
16:36 – 16:48	<p>(56) Local quantification of ^{99m}Tc-Macroaggregated albumin and ⁹⁰Y imaging agreement in selective internal radiation therapy <i>Nathan Dickinson, Charnie Kalirai, Angus O'Connor and Karen Mullin</i> Nottingham University Hospitals, Nottingham, UK</p>
16:48 – 17:00	<p>(57) 3RD STUDENT PRIZE: Radionuclide depth estimation using a novel SFOV hybrid gamma-optical camera with an anthropomorphic breast phantom <i>Numan Dawood^a, John Lees^a, Sarah Bugby^a, Mohammed Alqahtani^a, Loyal Jambi^a, William McKnight^a, Aik Ng^b and Alan Perkins^b</i> ^aSpace Research Centre, Department of Physics and Astronomy, University of Leicester, Leicester, UK, ^bRadiological Sciences, School of Medicine, University of Nottingham, Nottingham, UK</p>
17:00 – 18:00	BNMS AGM (Hall 5)

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Hall 7B

10:30 – 11:30 Clinical Scientist AGM

11:30 – 12:30 Trainee AGM

13:00 – 16:00 PET Amyloid Reader Training



**Lilly UK have sponsored the content of this session. The speakers have been selected, trained, briefed and paid an honorarium by Lilly UK. Pre-registration is required.*

Monday

Hall 1

09:00 – 10:36 CME & ABSTRACTS: Bone Imaging – Chair: Prof Ken Miles

09:00 – 09:30 Debates and controversies: F-18-NAF vs. Tc-99m- Bone scans

Prof Sobhan Vinjamuri^a and Dr Simon Hughes^b

^aRoyal Liverpool University Hospital, Liverpool, UK, ^bUniversity Hospitals Birmingham, Birmingham, UK

09:30 – 10:00 Charcot arthropathy: early diagnosis – The role of nuclear medicine

Dr Gill Vivian, King's College Hospital, London, UK

10:00 – 10:12 (58) Does measurement of texture features improve response assessment of bone metastases in breast cancer compared to SUVmax in [¹⁸F]fluoride and [¹⁸F] FDG PET?

*Gurdip Azad, Francois Cousin, Musib Siddique, Benjamin Taylor, Vicky Goh and Gary Cook
King's College London, London, UK*

10:12 – 10:24 (59) Does net plasma clearance (Ki) of [¹⁸F]fluoride improve response assessment of breast cancer bone metastases when compared with SUVmax in [¹⁸F]fluoride PET/CT?

Gurdip Azad^a, Musib Siddique^a, Francois Cousin^a, Benjamin Taylor^{a,b}, Adrian Green^b, Jim O'Doherty^a, Vicky Goh^{a,b} and Gary Cook^{a,b}

^aKing's College London, London, UK, ^bGuy's and St Thomas' Hospital, London, UK

10:24 – 10:36 (60) Incidental findings on bone SPECT/CT

*Noor Dawn Assaf, Amit Parekh and Stewart Redman
Royal United Hospitals, Bath, UK*

10:36 – 11:00 Refreshment Break (Exhibition Hall)

11:00 – 13:05 MASTERCLASS 5: Selective Internal Radiation Therapy (SIRT) – Chairs: Dr Kevin Bradley & Dr Francis Sundram

11:00 – 11:25 SIRT Overview and future directions

Dr Phil Boardman, Oxford University Hospitals NHS Foundation Trust, Oxford, UK

11:25 – 11:50 MAA SPECT-CT pre-SIRT

Dr S. Tomas Hernandez, University Hospitals Birmingham, Birmingham, UK


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Monday

11:50 – 12:15	Illustrated Clinical Cases <i>Dr Phil Boardman, Oxford University Hospitals NHS Foundation Trust, Oxford, UK</i>
12:15 – 12:40	SIRT PET/CT in post-SIRT evaluation <i>Dr Daniel McGowan, Oxford University Hospitals NHS Foundation Trust, Oxford, UK</i>
12:40 – 13:05	Roundtable Discussion
13:05 – 14:00	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P46-P74 (Exhibition Hall)
14:00 – 15:00	ANNUAL LECTURE: Radionuclide Theragnostics in Prostate Cancer <i>Prof Irene Virgolini, Medical University of Innsbruck, Innsbruck, Austria</i>
15:00 – 15:30	Refreshment Break (Exhibition Hall)
15:30 – 15:45	Prizes and Inauguration of President Elect
15:45 – 16:30	HIGHLIGHTS LECTURE <i>Ms Sarah Allen, Guy's and St Thomas' NHS Foundation Trust, London, UK</i>

Hall 8A

09:00 – 10:28	CME & ABSTRACTS: Radium (Therapy) – Chair: Dr Yong Du <i>*Sponsorship by Bayer for this session is provided free of any attempt to influence the programme, session, the subject for discussion, speakers, chairs or educational content. Sponsorship does not constitute an inducement to recommend, prescribe, purchase, supply, sell or administer specific medicinal products.</i>
	
09:00 – 09:10	223-Ra-dichloride: What's now? <i>Dr Sabina Dizdarevic, Brighton and Sussex Medical School, Brighton, UK</i>
09:10 – 09:40	Radium 223: What's next? <i>Prof Val Lewington, Guy's and St Thomas' Hospital, London, UK</i>
09:40 – 09:52	(61) From clinical trial to clinical practice 500-Radium-223 treatments. The Clatterbridge service development journey <i>Beverley Atherton, John Archer, Isabel Syndikus and Sarah Jones Clatterbridge Cancer Centre, Birkenhead, UK</i>
09:52 – 10:04	(62) Predictors of ²²³Ra-dichloride treatment outcome in clinical practice in relation to the Alsympca trial <i>Sean Main^a, Maryam Jessop^b, Angus Robinson^a and Sabina Dizdarevic^{b, c} ^aSussex Cancer Centre, Brighton and Sussex University Hospitals NHS Trust, Brighton, UK, ^bDepartment of Medical Imaging and Nuclear Medicine, Brighton and Sussex University Hospital NHS Trust, Brighton, UK, ^cBrighton and Sussex Medical School, Brighton, UK</i>
10:04 – 10:16	(63) Clinical outcomes following the use of Radium-223 in treating metastatic castrate resistant prostate cancer <i>John Buscombe, Daniel Gillett and Sarah Heard Addenbrooke's Hospital, Cambridge, UK</i>
10:16 – 10:28	(64) Two-year outcomes of Radium 223 therapy in metastatic castrate resistance prostate cancer: The Northern Centre for Cancer Care (NCCC) experience <i>Sarah Atkinson^a, Xue Yan Jiang^b, John Frew^b, Rhona McMenemin^b, Ashraf Azzabi^b, Shahid Iqbal^b, Ian Pedley^b and Darren Leaning^c</i>

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^aDepartment of Nuclear Medicine, Newcastle Upon Tyne Hospitals, Newcastle Upon Tyne, UK,
^bNorthern Centre for Cancer Care, Newcastle Upon Tyne Hospitals, Newcastle Upon Tyne, UK,
^cJames Cook University Hospital, South Tees Hospitals, Middlesbrough, UK

10:28 – 11:00	Refreshment Break (Exhibition Hall)
11:00 – 13:06	MASTERCLASS 6: ^{99m}Tc DPD Scintigraphy for Imaging Cardiac Amyloidosis – Chairs: Dr Ann-Marie Quigley & Dr Ashutosh Wechalekar
11:00 – 11:30	Imaging in Amyloidosis <i>Dr Ashutosh Wechalekar, National Amyloidosis Centre, University College London, London, UK</i>
11:30 – 12:00	Technical and practical aspects of DPD imaging <i>Dr Maria Burniston^a, Ms Peisan Chan^b and Mr David Hutt^c</i> <i>^aBarts Health NHS Trust, London, UK, ^bRoyal Free NHS Foundation Trust, London, UK, ^cNational Amyloidosis Centre, University College London, London, UK</i>
12:00 – 12:30	Reporting DPD Scans and Clinical Cases <i>Dr Ann-Marie Quigley, Royal Free Hospital, London, UK</i>
12:30 – 12:42	(65) Cardiac amyloid imaging with [¹⁸F]florbetapir PET – initial results from a UK study <i>Joanne Page^{a,b}, Thomas Wagner^b, Maria Burniston^b, James Ross^{a,b}, Annah Skillen^b, Daniel McCool^b, Thirusha Lane^a, Richa Manwani^a, Marianna Fontana^a, Philip Hawkins^a and Ashutosh Wechalekar^a</i> <i>^aNational Amyloidosis Centre, UCL Medical School (Royal Free Campus), London, UK, ^bNuclear Medicine Department, Royal Free London NHS Foundation Trust, London, UK</i>
12:42 – 12:54	(66) Quantification of ^{99m}Tc-DPD uptake in patients with transthyretin-related cardiac amyloidosis <i>James C. Ross^{a,b}, David F. Hutt^a, Maria Burniston^b, Joanne Page^{a,b} and Marianna Fontana^a</i> <i>^aNational Amyloidosis Centre, UCL Medical School (Royal Free Campus), London, UK, ^bNuclear Medicine Department, Royal Free London NHS Foundation Trust, London, UK</i>
12:54 – 13:06	(67) A quality improvement initiative in cardiac nuclear medicine <i>André Nunes and Sarah Allen</i> <i>Guy's and St Thomas' NHS Foundation Trust, London, UK</i>
13:06 – 14:00	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P46-P74 (Exhibition Hall)
14:00 – 16:30	Programme continues in Hall 1

Hall 8B

09:00 – 10:36	ABSTRACTS: Radiation Protection – Chairs: Prof Alan Perkins & Mr Martyn Evans
09:00 – 09:12	(68) Comparison of different methods of calculating contact restrictions for patients undergoing iodine-131 thyroid cancer therapy <i>Lawrence Hutton, Darren Morgan and Aida Hallam</i> <i>Oxford University Hospitals NHS Foundation Trust, Oxford, UK</i>
09:12 – 09:24	(69) Reducing eye doses for nuclear medicine/PET technologists: the good practices <i>Mafalda Nunes-Branco, Glafkos Havariyoun, Gill Vivian, Nick Gulliver, Ben Corcoran and Patricia Clinch</i> <i>King's College Hospital NHS Foundation Trust, London, UK</i>

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09:24 – 09:36	(70) Determination of residual Radium-223 waste in patient catheters <i>Jodie Hampel</i> and Karen Gannon Barking, Havering and Redbridge University Hospitals NHS Trust, Romford, UK
09:36 – 09:48	(71) Automatic CT dose collection software (OpenREM) as a dose optimisation tool in PET/CT and SPECT/CT <i>Tom Sanderson</i> and John Dickson University College London Hospitals NHS Foundation Trust, London, UK
09:48 – 10:00	(72) Same day hospital discharge of patients treated with low dose (1100MBq) Ral <i>Richard Fernandez, Christopher Sibley-Allen, Denise Aniceto, Rebecca Ealden, Hajira Ilyas, Haseeb Ahmed and Sarah Allen</i> Guy's & St Thomas' NHS Foundation Trust, London, UK
10:00 – 10:12	(73) Radiation self-monitoring at home of patients receiving lutetium-177 (Lu-177) DOTATATE peptide receptor radio-therapy for dosimetry informed radiation protection <i>Leferis Livieratos^{a, b}, Teresa Brothwood^b, Denise Aniceto^b, Richard Fernandez^b, Chris Sibley-Allen^b, Kathryn Adamson^b, Sarah Allen^b and Val Lewington^{a, b}</i> ^a Division of Imaging Sciences and Biomedical Engineering, School of Medicine, King's College London, London, UK, ^b Department of Nuclear Medicine, Guy's & St Thomas' NHS Foundation Trust, London, UK
10:12 – 10:24	(74) Trapping exhaled radioactive CO₂ in C-11 acetate PET scanning <i>Nick Bird^a, Daniel Gillett^a and Tristan Barrett^b</i> ^a Nuclear Medicine, Addenbrooke's Hospital, Cambridge, UK, ^b Radiology, Addenbrooke's Hospital, Cambridge, UK
10:24 – 10:36	(75) Evaluation of a weight-based dose protocol in combination with enhanced planar processing in wholebody bone scans <i>Natalie Gunson^{a, b}, Vincenzo Militano^b and Ian Armstrong^b</i> ^a The Christie, Manchester, UK, ^b Central Manchester University Hospitals, Manchester, UK
10:36 – 11:00	Refreshment Break (Exhibition Hall)
11:00 – 12:48	ABSTRACTS: Oncology Functional Imaging – Chairs: Dr Alexis Corrigan & Prof Gary Cook
11:00 – 11:12	(76) Response assessment of bone metastases in prostate cancer: comparison of [¹⁸F]fluoride PET/CT and diffusion-weighted MRI <i>Gary Cook^a, Gurdip Azad^a, Ben Taylor^b, Musib Siddique^a, Sarah Rudman^b, Stephen Morris^b, Simon Hughes^b and Vicky Goh^a</i> ^a King's College London, London, UK, ^b Guy's & St Thomas' NHS Trust, London, UK
11:12 – 11:24	(77) Head-to-head comparison of magnetic resonance imaging (MRI) and ¹⁸F-NaF PET/CT for detection of spinal bone metastases in patients with breast carcinoma <i>Emmanouil Panaqioidis, Alpesh Mistry, Andrew Farnworth, Nagabhushan Seshadri and Sobhan Vinjamuri</i> Nuclear Medicine Department, Royal Liverpool University Hospital, Liverpool, UK
11:24 – 11:36	(78) Comparison of ¹⁸F-choline PET/CT and PET/MRI in patients with high-risk prostate cancer prior to radical therapy <i>Andrew Mallia^a, Christian Kelly-Morland^a, Jane MacKewn^b, James Stirling^b, Sami Jeljeli^b, John Joemon^b, Vicky Goh^{a, c} and Gary Cook^{a, d}</i> ^a Department of Cancer Imaging, Division of Imaging Sciences & Biomedical Engineering, King's College London, London, UK, ^b King's College London and Guy's & St Thomas' PET Centre, King's College London, London, UK, ^c Department of Radiology, Guy's & St Thomas' NHS Foundation

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Monday

	<i>Trust, London, UK, ^dNuclear Medicine Department, Guy's & St Thomas' NHS Foundation Trust, London, UK</i>
11:36 – 11:48	(79) Accuracy of [¹⁸F]NaF PET/CT in bone metastasis detection and its effect on patient management in patients with breast carcinoma <i>W. A. M. Broos, F. M. van der Zant, M. Wondergem and R. J. J. Knol</i> <i>PET/CT Center Northwest, Department of Nuclear Medicine, Northwest Clinics, Alkmaar, Netherlands</i>
11:48 – 12:00	(80) Response assessment of bone metastases in breast cancer: comparison of [¹⁸F]fluoride, [¹⁸F]FDG PET/CT and diffusion-weighted MRI <i>Gary Cook^a, Gurdip Azad^a, Ben Taylor^b, Musib Siddique^a, Angela Swampillai^b, Ines Sandri^b, Mark Harries^b, Janine Mansi^b and Vicky Goh^a</i> <i>^aKing's College London, London, UK, ^bGuy's & St Thomas' NHS Trust, London, UK</i>
12:00 – 12:12	(81) Measurement of tumour heterogeneity in [¹⁸F] FDG PET of a colorectal tumour model allows assessment of response to bevacizumab antiangiogenic therapy better than size-based criteria <i>Usman Bashir^a, Amanda Weeks^a, Muhammad Siddique^a, Karen Shaw^a, Jayant Goda^b, Vicky Goh^c and Gary Cook^d</i> <i>^aKing's College London, London, UK, ^bTata Memorial Centre, Mumbai, India, ^cGuy's Hospital, London, UK, ^dGuy's and St Thomas' NHS Foundation Trust, London, UK</i>
12:12 – 12:24	(82) Do modern PET/CT reconstruction algorithms reliably assess treatment response in lymphoma? <i>Amit Parekh, David Little, Richard Graham and Stewart Redman</i> <i>Royal United Hospital, Bath, UK</i>
12:24 – 12:36	(83) A qualitative assessment of image quality using Siemens HD-Chest respiratory gating in patients undergoing [¹⁸F] FDG PET <i>Emmanouil Papadopoulos^b, Nilesh Tambe^b, Najeeb Ahmed^b, Tim Wood^b, Gerard Avery^b, Hiten Joshi^b, Graham Wright^{a, b} and Andrew Beavis^{a, b}</i> <i>^aUniversity of Hull, Hull, UK, ^bHull & East Yorkshire Hospitals NHS Trust, Cottingham, UK</i>
12:36 – 12:48	(84) Does smoking status affect FDG uptake in palatine tonsils? <i>Emily Birkin, Patrick Fielding, John Rees, Catherine Moore and Chao Huang</i> <i>PETIC, Cardiff University, Cardiff, UK</i>
12:48 – 14:00	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P46-P74 (Exhibition Hall)
14:00 – 16:30	Programme continues in Hall 1

Hall 7A

09:00 – 10:10



09:00 – 09:20

LYMPHOSEEK – Chair: Dr Gopi Gnanasegaran

**Norgine Pharmaceuticals Ltd have sponsored the content of this session. The speakers have been selected, trained, briefed and paid ad honorarium by Norgine Pharmaceuticals Ltd.*

Background to LYMPHOSEEK from the inventor

Prof David Vera, Department of Radiology, UC San Diego

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Monday

09:20 – 09:40	LYMPHOSEEK: Practical Application for the Nuclear Medicine Physician <i>Dr Carl K. Hoh, University of California San Diego</i>
09:40 – 10:00	LYMPHOSEEK: Early Experience in the UK <i>Mr Amer Durrani, Addenbrooke's Hospital, Cambridge</i>
10:00 – 10:10	Discussion
10:10 – 11:00	Refreshment Break (Exhibition Hall)
11:00 – 13:00	CME & ABSTRACTS: General Nuclear Medicine 2 – Chairs: Prof Val Lewington & Dr David Colville
11:00 – 11:12	(85) Implications of the new NICE guidelines in the imaging of stable chest pain and practical considerations in a tertiary hospital setting. Will this be the end of MPS? <i>Praveen P. G. Rao, Aparna Deshpande, Anver Kamil and Rakesh Ganatra</i> <i>University Hospitals of Leicester, Leicester, UK</i>
11:12 – 11:24	(86) Examining the potential for dose reduction in myocardial perfusion imaging using a CZT gamma camera <i>Bruno Rojas^a, Jason See^{a, b}, Eliana Reyes^{a, c}, Rafael Baavour^d and Lucy Hossen^a</i> <i>^aRoyal Brompton Hospital, London, UK, ^bChangi General Hospital, Singapore</i> <i>^cPET Centre, St Thomas' Hospital, King's College London, London, UK, ^dSpectrum Dynamics, Caesarea, Israel</i>
11:24 – 11:36	(87) Does resolution recovery improve diagnostic confidence in lung V/Q studies? <i>Alp Notqhi, Manish Pandit, Joseph O'Brien and Bill Thomson</i> <i>Sandwell & West Birmingham Hospitals NHS Trust, Birmingham, UK</i>
11:36 – 11:48	(88) Initial experience of low dose ventilation/perfusion SPECT in patients with suspected acute pulmonary thromboembolism <i>Linda Stephens, Ibrahim Niematallah, Matthew Memmott, Rakesh Sajjan and Sivakumar Muthu</i> <i>Department of Nuclear Medicine, Manchester Royal Infirmary, Central Manchester Foundation Trust, Manchester, UK</i>
11:48 – 12:00	(89) False positive Meckel's scans <i>Rebecca Margaret Zammit^a, Sabina Dizdarevic^b, Nitasha Singh^b and Varadarajan Kalidasan^b</i> <i>^aUniversity of Malta, Msida, Malta, ^bBrighton and Sussex University Hospitals, Brighton and Hove, UK</i>
12:00 – 12:12	(90) Nuclear medicine imaging of oral cancer SLNB procedures: single centre experience of seventy six cases <i>Alice Nicol, Jeremy McMahon, Alastair Gemmell, Gary Hilland and Ian McLaughlin</i> <i>Queen Elizabeth University Hospital, Glasgow, UK</i>
12:12 – 12:24	(91) Diagnostic yield of FDG-PET/CT in fever of unknown origin: a systematic review, meta-analysis and delphi exercise <i>Tehmina Bharucha^{a, b}, Andrew Rutherford^{c, d}, Sarah Skeoch^e, Abass Alavi^f, Mike Brown^{a, g, h} and James Galloway^{d, i}</i> <i>^aDivision of Infection and Immunity, University College London, London, UK, ^bRoyal Free Hospital NHS Foundation Trust, London, UK, ^cNIHR Guy's and St Thomas' Biomedical Research Centre, London, UK, ^dRheumatology Department, King's College London, London, UK, ^eRheumatology Department, University of Manchester, Manchester, UK, ^fRadiology Department, Hospital of the University of Philadelphia, Philadelphia, Pennsylvania, United States, ^gFaculty of Infectious Diseases and Tropical Medicine, London School of Hygiene and Tropical Medicine, London, UK, ^hHospital for Tropical Diseases, University College London Hospital NHS Foundation Trust, London, UK, ⁱRheumatology Department, King's College Hospital NHS Foundation Trust, London, UK</i>

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12:24 – 12:36	(92) Increased identification of lymph nodes with SPECT/CT compared to static planar imaging in oral squamous cell carcinoma <i>Alastair Gemmell^a, Ian McLaughlin^b, Jeremy McMahon^c and Alice Nicol^a</i> ^a Nuclear Medicine, Queen Elizabeth University Hospital, Glasgow, UK, ^b Radiology, Queen Elizabeth University Hospital, Glasgow, UK, ^c Maxillofacial Surgery, Queen Elizabeth University Hospital, Glasgow, UK
12:36 – 12:48	(93) Imaging and management of an extra-adrenal pheochromocytoma <i>Debbie Owen, Aparna Deshpande, Anver Kamil and Rakesh Ganatra</i> University Hospitals of Leicester NHS Trust, Leicester, UK
12:48 – 13:00	(94) Role of white blood cell scan with SPECT/CT in the management of skull base osteomyelitis <i>Salma Subhani, André Nunes, Hosahalli Mohan, Hajira Ilyas and Haseeb Ahmed</i> Guy's and St Thomas' NHS Foundation Trust, London, UK
13:00 – 14:00	Lunch (Exhibition Hall)
13:00 – 13:30	Poster Judging, P46-P74 (Exhibition Hall)
14:00 – 16:30	Programme continues in Hall 1

--- End of Programme ---

AV Room

The AV Preview Room (media suite) is situated on level 4 adjacent to the back entrance to Hall 1. Opening times are:

Saturday: 09:00 – 18:00

Sunday: 08:30 – 17:30

Monday: 08:30 – 16:00

Exhibition Opening Times

Saturday (Inauguration and President's Reception): 18:15 – 19:30

Sunday: 09:00 – 18:00

Monday: 09:00 – 16:00

Poster Judging Times

Sunday: 13:00 – 13:30 (P1 – P45)

Monday: 13:00 – 13:30 (P46 – P74)

Registration Desk Opening Times

Bootcamp: 09:30 – 10:00

Saturday (Main Registration): 12:30 – 13:30

Sunday: 08:15 – 08:45



Monday: 08:30 – 09:00



Special Interest Group Meetings

Bootcamp	12:30 – 13:30	(Hall 8A)	Radiographer and Technologist Training Forum
Sunday	10:30 – 11:30	(Hall 7B)	Clinical Scientist AGM
Sunday	11:30 – 12:30	(Hall 7B)	Trainee AGM
Sunday	12:06 – 12:30	(Hall 7A)	Radiopharmacy AGM Session: CME & ABSTRACTS: Radiopharmacy 2
Sunday	15:06 – 15:36	(Hall 8B)	RTNG AGM Session: RTN Review Series 4
Sunday	16:45 – 17:00	(Hall 5)	Medics Forum Session: Career guidance/progression in nuclear medicine
Sunday	17:00 – 18:00	(Hall 5)	BNMS AGM

Sponsored Sessions

Sunday	13:00 – 16:00	(Hall 7B)	PET Amyloid Reader Training	
Monday	09:00 – 10:28	(Hall 8A)	CME & ABSTRACTS: Radium (Therapy)	
Monday	09:00 – 10:10	(Hall 7A)	LYMPHOSEEK	