

FRIDAY 21 APRIL 2017

07:30: Registration

08:00: Transfer to the MONA (Museum of Old and New Art)

08:30: Arrival Tea and Coffee

09:00: Welcome and Opening

09:10: Cardiology Hypotheticals – Moderator A/Prof Nathan Better

*Issues confronting Imaging in Nuclear Cardiology in this decade*

**Panellists:** Dr John Younger, Dr Samuel Wright and Dr Subodh Joshi

10:30: Morning Tea

10:50: Prostate Imaging –Moderator A/Prof Paul Roach

**Panellists:** Dr Hossein Jadvar, A/Prof Paul Thomas and Dr Geoffrey Schembri

12:00: Discussion and Working Lunch

12:45: Time to explore MONA

14:30: Transfers back to The Hotel Grand Chancellor

**FRIDAY 21 APRIL 2017**

15:00: Registration

16:00: **Official Opening** - [Concert Hall](#)

16:15: CT, MRI and Echo in Ischaemia Imaging – *Dr John Younger Consultant Cardiologist, Royal Brisbane and Women's Hospital, St Andrews War Memorial Hospital; Senior Lecturer, University of Queensland*

17:00: PET in Radiation Planning - Evidence Gathering - *Dr Sally Barrington, Professor of PET Imaging, Kings College London and the Guy's and St Thomas' PET Imaging Centre UK, UK*

17:45: Welcome Reception - [Federation Ballroom](#) (Sponsored by GE Healthcare)

19:30: AANMS Fellows' Dinner - [Henry Jones Art Hotel](#)

**SATURDAY 22 APRIL 2017**

07:00 - 08:15: PETTECH Solutions & ANSTO Breakfast Session - [Grand Ballroom 1](#)

07:00: Registration

**Plenary** - [Concert Hall](#) (Sponsored by Siemens Healthineers)

08:30: PSMA PET the new gold standard or is more evidence needed? - *Associate Professor Michael Hofman, Centre for Cancer Imaging, Peter MacCallum Cancer Centre, Melbourne & University of Melbourne, Melbourne*

09:15: PET in Lymphoma - impact on patient outcomes - *Dr Sally Barrington, Professor of PET Imaging, Kings College London; Guy's and St Thomas' PET Imaging Centre UK, UK*

10:00: Morning tea/Poster viewing - [Federation Ballroom](#)

10:30 - 13:00: **Concurrent sessions 1A - 1D**

**1A Technologists' Symposium 1** -  
(Sponsored by GMS)

**Radpharm Award**  
[Grand Ballroom 1](#)

10:30: Recognizing and Resolving  
Artifact in Myocardial Perfusion  
Imaging *Sara Johnson SNMMI-TS*

104 07

**1B AANMS Symposium 1** -  
**AANMS Registrar Award**  
[Grand Ballroom 2](#)

10:30: Correlation of metabolic  
parameters on 18F-FDG PET  
with pathological response and  
overall survival in patients with  
Pancoast tumours treated with  
trimodality therapy  
*Samuel McArthur, Austin Health*

118 013

**1C Physics Symposium 1**  
[Grand Ballroom 3](#)

10:30: 3D Printing of Solid  
Radioactive Phantoms  
*Shaun Patford, Royal Brisbane  
Women's Hospital*

**1D Radiopharmacy Symposium 1**  
**- Shimadzu Award\***  
[Harbour View 1](#)

10:30: Efforts on Production /  
Propagation of  
Radiopharmaceuticals and  
Isotopes  
*Dr Meera Venkatesh,  
International Atomic Energy  
Agency, Austria*

229	01	11:00: Cerebral Perfusion Scintigraphy and Its Use in Surgical Evaluation <i>Alicia Corlett, Royal Melbourne Hospital</i>	122	08	10:45: Pre-treatment staging FDG PET/CT assessment of Mantle Cell Lymphoma: A comparison of visual assessment versus assessment by quantitative FDG parameters. Methodology and preliminary data <i>Shane Lee, Barwon Health</i>	132	014	10:45: Development of an internationally traceable standard for Ge/Ga-68 <i>Freda van Wyngaardt, ANSTO</i>	194	019	11:00: Development and Process Validation of [18F]GE-216 on FASTlab™ Synthesizer; A Radiotracer for Imaging Tau Pathology <i>Chun-Hui (Brenda) Tai, Royal Brisbane and Women's Hospital</i>
230	02	11:10: The utility of PET-MRI in the treatment planning and management of meningiomas <i>Judy Duong , The Princess Alexandra Hospital</i>	169	09	11:00: PET-SUV max and upstaging of Lung cancer <i>Shipra Verma , Royal Adelaide Hospital</i>	137	015	11:00: Comparing 2D and 3D kidney absorbed dose measures in patients receiving 177Lu-DOTATATE therapy for neuroendocrine tumours <i>Dale Bailey, The University of Sydney</i>	110	020*	11:12: Aqueous Labelling Method for [18F]Aluminium-Fluoride NOTA-Ubiquicidin(29-41), an Infection Imaging Probe <i>Joseph Ioppolo, Sir Charles Gairdner Hospital</i>
231	03	11:20: Renogram reveals an unexpected finding: a case study <i>Danielle Nuske, Radiology SA</i>	190	010	11:15: Retrospective Audit of GA68 PSMA PET/CT, Bone Scintigraphy and Diagnostic CT In The Staging Of Prostate Cancer <i>Shankar Vamadevan, Nepean Hospital</i>	153	016	11:15: Influence of X ray computed tomography (CT) exposure and reconstruction parameters on positron emission tomography (PET) quantitation - a statistical voxel based analysis <i>Ivan Ho Shon, Prince of Wales Hospital</i>	145	021*	11:24: Reducing the time of QC on ECD without compromising quality <i>Adam Livori, Austin Health</i>
232	04	11:30: There is nothing like a nice warm bath <i>Sharyn Bray, Midcentral Health</i>	106	011	11:30: The Goldilocks conundrum for I-131: What dose is just right? <i>Tow Chan Yeow, St George Hospital</i>	235	017	11:30: Characterisation of Noise and Sensitivity Variations in Multiple Bed Position Acquisitions for 18F-FDG brain PET <i>Tom Hennessy, Prince of Wales Hospital</i>	187	022	11:36: Imaging of TG2 activity in breast cancer using radiolabelled Hitomi peptides <i>Uwe Ackermann, Austin Health</i>

233	05	11:40: A Multimodality Approach - A Difficult Case <i>Rebecca Ross, PRP Imaging Bathurst</i>	135	012	11:45: The relationship between chest pain or ECG changes during stress testing and ischaemia on myocardial perfusion imaging <i>Sidney Levy, Melbourne Health</i>	218	018	11:45: The challenge of very movable removable contamination in radioiodine therapies <i>Darin O'Keeffe, Christchurch Hospital</i>	179	023	11:48: High-yield fully automated production of [18F]Fluorocholine at high activity on the AllinOne Synthesizer <i>Thomas Vergote, Trasis SA</i>
114	06	11:50: Nuclear Medicine: Seen but not Heard <i>Amy Evans, Sir Charles Gairdner Hospital</i>									
		12:00: Technologists' AGM			12:00: AANMS AGM			12:00: Physics AGM			12:00: Radiopharmacy AGM
		13:00: Lunch/Poster viewing - <a href="#">Federation Ballroom</a>									
		<b>Plenary - <a href="#">Concert Hall</a></b> 14:00: <b>Lowenthal Lecture</b> - <i>Professor Vijay Kumar AM, Clinical Professor, Sydney Medical School, Sydney University; Principal Scientist, Department of Nuclear Medicine &amp; PET Westmead Hospital &amp; The Children's Hospital at Westmead</i>									
		14:45 - 15:30: <b>Concurrent sessions 2A - 2D</b>									
		<b>2A Technologists' Symposium 2</b> - (Sponsored by GMS) <b>Mallinckrodt Award</b>  <a href="#">Grand Ballroom 1</a>			<b>2B AANMS Symposium 2</b> <a href="#">Grand Ballroom 2</a>			<b>2C Physics Symposium 2</b> <a href="#">Grand Ballroom 3</a>			<b>2D Radiopharmacy Symposium 2</b> <a href="#">Harbour View 1</a>
140	024	14:45: Prescribed Paediatric Radiopharmaceutical Dose Versus Administered Dose - How Close Can We Get It? <i>Victoria Sigalas, Women's and Children's Hospital</i>	163	028	14:45: A Phase 1 and Biodistribution Study of ABT-806i, An Indium-111 Radiolabeled Conjugate of the Tumor-Specific Anti-EGFR Antibody ABT-806 <i>Andrew Scott, Austin Health</i>	154	031	14:45: Comparison of cell survival after exposure to megavoltage external beam and Yttrium-90 radiation <i>Nicholas Forwood, Royal North Shore Hospital</i>			14:45: US GMP Production Regulations for both Clinical and Research <i>Sally Schwarz, Washington University School of Medicine, USA</i>
111	025	14:57: The effect of ingesting full cream milk and water on infra cardiac activity in patients taking proton pump inhibitors prior to 99mTc Sestamibi Myocardial Perfusion Imaging <i>Travis Cauchi, Eastern Health</i>	202	029	15:00: Sandostatin LAR therapy differentially alters 68Ga-DOTATATE uptake in normal tissues and primary tumours compared to metastatic lesions <i>Sze Ting Lee, Austin Health</i>	103	032	15:00: Australian National Radiation Dose Register (ANRDR) Review <i>Cameron Lawrence, Australian Radiation Protection and Nuclear Safety Agency</i>			

159	O26	15:09: Education is everyone's business: A study to identify the importance of incorporating education principles within the Nuclear Medicine profession <i>Suzanne McGavin, Royal Brisbane and Women's Hospital</i>	201	O30	15:15: Implementation of a clinical reporting quality assurance program in a hospital-based PET service <i>Salvatore Berlangieri, Austin Health</i>	200	O33	15:15: Dissemination of standards for F-18 FDG <i>Bonnie Howe, ANSTO</i>	144	O34	15:15: Development and evaluation of a new highly specific TREM1-specific PET tracer for imaging maladaptive inflammation <i>Michelle James, Stanford University</i>
115	O27	15:21: Using a formula based on BMI and BSL for administration of Actrapid for FDG-PET scans where the patient's BSL is elevated on arrival <i>Lisa MacFarlane, Peter MacCallum Cancer Centre</i>									
		15:30: Afternoon tea/Poster viewing - <a href="#">Federation Ballroom</a>									
		16:00 - 17:00: <b>Concurrent sessions 3A – 3C</b>									
		<b>3A Technologists' Symposium 3</b> (Sponsored by GMS) <a href="#">Grand Ballroom 1</a>			<b>3B AANMS Symposium 3</b> <a href="#">Grand Ballroom 2</a>			<b>3C Physics Symposium 3</b> <a href="#">Grand Ballroom 3</a>			
134	O35	16:00: Casting the NET: The formation of a NET Health Professionals Network <i>Kate Wakelin, Unicorn Foundation</i>	165	O39	16:00: Comparison of PSMA PET/CT, PSMA PET/MR and multiparametric MR in the detection of primary prostate cancer <i>Paul Thomas, Royal Brisbane and Women's Hospital</i>	186	O41	16:00: Creating Local Reference Levels of Administered Activity Using Text Analysis of Physician Reports <i>Kevin Hickson, SA Medical Imaging, The Queen Elizabeth Hospital</i>			
125	O36	16:15: A study to compare and contrast the regulation processes for Medical Radiation Practitioners in Australia and New Zealand <i>Travis Pearson, Medical Radiation Practice Board Australia</i>	142	O40	16:15: 177Lu-DOTA-Octreotate Peptide Receptor Radionuclide Therapy (PRRT) in patients with Functional and Metastatic Pheochromocytoma (PCC) or Paraganglioma (PGL) <i>Grace Kong, Peter MacCallum Cancer Centre</i>	167	O42	16:15: Diagnostic reference levels for FDG PET/CT studies in New Zealand <i>Essam Al Khybari, The University of Sydney</i>			

176	037	16:30: Comparative Analysis of Scan Times and Image Quality in Paediatric 18F FDG PET/CT <i>Sarah Stephenson, Royal Brisbane and Women's Hospital</i>	16:30: ARTnet <i>Assoc/Prof Roslyn Francis School of Medicine and Pharmacology QEII Medical Centre Unit, The University of Western Australia</i>	16:30: Improving quantification via multi-modality imaging <i>Brian Hutton, University College London</i>
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127	038	16:45: Diagnostic Reference Levels for Nuclear Medicine in Australia: From Then to Now <i>Paul Marks, ARPANSA</i>
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19:00: **Awards Dinner** - [Glen Albyn Estate](#)

SUNDAY 23 APRIL 2017

07:30: Registration

**Plenary** - [Concert Hall](#)

09:00: Cardiac Flow Reserve - *A/Prof Barry Elison, Department of Nuclear Medicine, Wollongong Hospital*  
 09:30: 18F PSMA a clinical perspective - *Dr Trevor FitzJohn, Pacific Radiology, New Zealand* (sponsored by Cyclotek)

09:50: **Pioneer Lecture** - *Dr Monica Rossleigh, Chairman, The Department of Nuclear Medicine, The Prince of Wales and Sydney Children’s Hospital; Associate Professor of Medicine, University of New South Wales*

10:35: Morning Tea/Poster viewing - [Federation Ballroom](#)

11:00 - 12:30: **Concurrent sessions 4A - 4D**

4A Cardiology <a href="#">Grand Ballroom 1</a>	4B Neurology <a href="#">Grand Ballroom 2</a>	4C Oncology <a href="#">Grand Ballroom 3</a>	4D General <a href="#">Harbour View 1</a>
11:00: ECG interpretation and optimal stress test procedures <i>Nathan Better, Royal Melbourne Hospital</i>	11:00: Evaluation of Tau Tracers in Normal Ageing and Alzheimer's disease <i>Christopher Rowe, Austin Health</i>	11:00: Molecular Imaging of T-cell Co-regulator Factor B7-H3 with 89Zr-DS-5573a <i>Andrew Scott, Austin Health</i>	11:00: The usefulness of skeletal scintigraphy with SPECT-CT in the determination of the cessation or continuation of mandibular growth in patients with asymmetric jaw growth: A case study <i>Laura Potter, Melbourne Health</i>

		11:40: CTCA <i>Shallon McLean</i>	226 O46	11:15: PET-MRI in Paediatric Neurology, initial experience at the Royal Children's hospital, Melbourne <i>HB Toh, Royal Melbourne and Austin Hospitals</i>	172 O51	11:15: 68Ga-HBED PSMA PET/CT in the initial staging of prostate cancer <i>David Nadebaum, Alfred Health</i>	143 O57	11:12: Pre and post Bronchoscopic Lung Volume Reduction VQ Scans - Implications for Target Lobe Selection <i>Chong Chew, Royal Adelaide Hospital</i>
215 O43		11:55: 99mTc-DPD Scintigraphy: Who, What, When, How and Why <i>Scott Evans, Westmead Hospital</i>	198 O47	11:30: Quantification of dopamine D2 receptor density and apparent affinity can be used to longitudinally assess transient striatal variations during adolescence using [11C]raclopride PET imaging <i>Paul Callaghan, Australian Nuclear Science and Technology Organisation</i>	150 O52	11:30: Impact of dual time point imaging of 18-FDG PET/CT in differentiation between malignant and benign hepatic lesions <i>Abdullah Alqarni, Prince Sultan Military Medical City</i>	173 O58	11:24: Effects of sitagliptin on gastric emptying of, and the blood pressure response to, a carbohydrate meal in type 2 diabetes <i>Madeline Buttfield University of South Australia</i>
107 O44		12:10: <b>Paul Orr Award</b> - Visual Estimation of Coronary Artery Calcium and the Effect of the Absence of Coronary Artery Calcium on Interpretation of Myocardial Perfusion in Hybrid SPECT/CT Scans <i>Stephen Stowers, Palmerston North Hospital MidCentral DHB</i>	175 O48	11:45: Amyloid PET to Improve Recruitment for Early Alzheimer's Disease Drug Trials <i>Christopher Rowe, Austin Health</i>	205 O53	11:45: 68Gallium PSMA HBED-CC PET-CT restaging in biochemically relapsed prostate carcinoma: Oligometastatic prevalence compared to standard imaging <i>Michael McCarthy, Royal Perth Hospital and Fiona Stanley Hospital, Perth, Australia.</i>	141 O59	11:36: Four-Dimensional Computed Tomography: Clinical Impact for Patients with Primary Hyperparathyroidism <i>Meir Lichtenstein, Melbourne Health</i>
			138 O49	12:00: A better MBS for all Australians <i>Lee Gruner, MBS Review Taskforce</i>	204 O54	12:00: [18F]-Dihydro-Testosterone PET/CT imaging protocol for patients with advanced prostate cancer <i>Kunthi Pathmaraj, Austin Health</i>	126 O60	11:48: The clinical value of xSPECT versus SPECT in bone scanning. A head to head comparison of 200 cases <i>Iain Duncan, Garran Medical Imaging</i>
					193 O55	12:15: 68Ga-HBED PSMA PET/CT in the assessment of biochemical recurrence in prostate cancer <i>David Nadebaum, Alfred Health</i>		

12:30: **ANZSNM AGM** – [Concert Hall](#)

13:15: Lunch/Poster viewing - [Federation Ballroom](#)

**Plenary** - [Concert Hall](#)

14:15: Cardiac amyloid imaging with 18F-florbetaben positron emission tomography: a pilot study – *Dr Phillip Law, Princess Alexandra Hospital* (sponsored by Cyclotek)

15:00: Conference Quiz and Highlights

15:15: Conference Close