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

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

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
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
Shane Lee, Barwon Health

11:00: Development of an internationally traceable standard for Ge/Ga-68
Freda van Wyngaardt, ANSTO

11:10: The utility of PET-MRI in the treatment planning and management of meningiomas
Judy Duong, The Princess Alexandria Hospital

11:15: Retrospective Audit of GA68 PSMA PET/CT, Bone Scintigraphy and Diagnostic CT in The Staging Of Prostate Cancer Shankar Vamadevan, Nepean Hospital

11:20: Renogram reveals an unexpected finding: a case study
Danielle Nuske, Radiology SA

11:30: There is nothing like a nice warm bath
Sharyn Bray, Midcentral Health

11:30: The Goldilocks conundrum for I-131: What dose is just right?
Tow Chan Yeow, St George Hospital

11:30: Characterisation of Noise and Sensitivity Variations in Multiple Bed Position Acquisitions for 18F-FDG brain PET
Tom Hennessy, Prince of Wales Hospital

11:36: Imaging of TG2 activity in breast cancer using radiolabelled Hitomi peptides
Uwe Ackermann, Austin Health

10:45: Development and Process Validation of [18F]GE-216 on FASTlabTM Synthesizer: A Radiotracer for Imaging Tau Pathology
Chun-Hui (Brenda) Tai, Royal Brisbane and Women's Hospital

11:12: Aqueous Labelling Method for [18F]Aluminium-Fluoride NOTA-Ubiquicidin(29-41), an Infection Imaging Probe
Joseph Ioppolo, Sir Charles Gairdner Hospital

11:24: Reducing the time of QC on ECD without compromising quality
Adam Livori, Austin Health

11:36: Imaging of TG2 activity in breast cancer using radiolabelled Hitomi peptides
Uwe Ackermann, Austin Health
11:40: A Multimodality Approach - A Difficult Case
Rebecca Ross, PRP Imaging Bathurst

11:50: Nuclear Medicine: Seen but not Heard
Amy Evans, Sir Charles Gairdner Hospital

11:45: The relationship between chest pain or ECG changes during stress testing and ischaemia on myocardial perfusion imaging
Sidney Levy, Melbourne Health

11:45: The challenge of very movable removable contamination in radioiodine therapies
Darin O’Keeffe, Christchurch Hospital

11:48: High-yield fully automated production of [18F]Fluorocholine at high activity on the AllinOne Synthesizer
Thomas Vergote, Trasis SA

12:00: Technologists’ AGM
12:00: AANMS AGM
12:00: Physics AGM
12:00: Radiopharmacy AGM

13:00: Lunch/Poster viewing - Federation Ballroom

Plenary - Concert Hall
14:00: Lowenthal Lecture - Professor Vijay Kumar AM, Clinical Professor, Sydney Medical School, Sydney University; Principal Scientist, Department of Nuclear Medicine & PET Westmead Hospital & The Children’s Hospital at Westmead

14:45 - 15:30: Concurrent sessions 2A - 2D

2A Technologists’ Symposium 2 - (Sponsored by GMS) Mallinckrodt Award
Grand Ballroom 1

14:45: Prescribed Paediatric Radiopharmaceutical Dose Versus Administered Dose - How Close Can We Get It?
Victoria Sigalas, Women’s and Children’s Hospital

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
Andrew Scott, Austin Health

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
Travis Cauchi, Eastern Health

2B AANMS Symposium 2
Grand Ballroom 2

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
Andrew Scott, Austin Health

14:50: 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
Travis Cauchi, Eastern Health

2C Physics Symposium 2
Grand Ballroom 3

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
Andrew Scott, Austin Health

14:50: 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
Travis Cauchi, Eastern Health

2D Radiopharmacy Symposium 2
Harbour View 1

14:45: US GMP Production Regulations for both Clinical and Research
Sally Schwarz, Washington University School of Medicine, USA

14:45: Comparison of cell survival after exposure to megavoltage external beam and Yttrium-90 radiation
Nicholas Forwood, Royal North Shore Hospital

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
Travis Cauchi, Eastern Health

15:00: Sandostatin LAR therapy differentially alters 68Ga-DOTATATE uptake in normal tissues and primary tumours compared to metastatic lesions
Sze Ting Lee, Austin Health

15:00: Australian National Radiation Dose Register (ANRDR) Review
Cameron Lawrence, Australian Radiation Protection and Nuclear Safety Agency
15:09: Education is everyone's business: A study to identify the importance of incorporating education principles within the Nuclear Medicine profession
Suzanne McGavin, Royal Brisbane and Women's Hospital

15:15: Implementation of a clinical reporting quality assurance program in a hospital-based PET service
Salvatore Berlangieri, Austin Health

15:15: Dissemination of standards for F-18 FDG
Bonnie Howe, ANSTO

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
Lisa MacFarlane, Peter MacCallum Cancer Centre

15:30: Afternoon tea/Poster viewing - Federation Ballroom

16:00 - 17:00: Concurrent sessions 3A – 3C

3A Technologists' Symposium 3 (Sponsored by GMS)
Grand Ballroom 1

16:00: Casting the NET: The formation of a NET Health Professionals Network
Kate Wakelin, Unicorn Foundation

3B AANMS Symposium 3
Grand Ballroom 2

16:00: Comparison of PSMA PET/CT, PSMA PET/MR and multiparametric MR in the detection of primary prostate cancer
Paul Thomas, Royal Brisbane and Women’s Hospital

3C Physics Symposium 3
Grand Ballroom 3

16:15: A study to compare and contrast the regulation processes for Medical Radiation Practitioners in Australia and New Zealand
Travis Pearson, Medical Radiation Practice Board Australia

16:15: 177Lu-DOTA-Octreotate Peptide Receptor Radionuclide Therapy (PRRT) in patients with Functional and Metastatic Phaeochromocytoma (PCC) or Paraganglioma (PGL)
Grace Kong, Peter MacCallum Cancer Centre

16:15: Diagnostic reference levels for FDG PET/CT studies in New Zealand
Essam Al Khybari, The University of Sydney

16:15: Development and evaluation of a new highly specific TREM1-specific PET tracer for imaging maladaptive inflammation
Michelle James, Stanford University

16:30: Afternoon tea/Poster viewing - Federation Ballroom
16:30: Comparative Analysis of Scan Times and Image Quality in Paediatric 18F FDG PET/CT
Sarah Stephenson, Royal Brisbane and Women’s Hospital

16:30: ARTnet
Assoc/Prof Roslyn Francis School of Medicine and Pharmacology
QEII Medical Centre Unit, The University of Western Australia

16:30: Improving quantification via multi-modality imaging
Brian Hutton, University College London

16:45: Diagnostic Reference Levels for Nuclear Medicine in Australia: From Then to Now
Paul Marks, ARPANSA

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

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>4A Cardiology</td>
<td>Grand Ballroom 1</td>
<td>Nathan Better, Royal Melbourne Hospital</td>
</tr>
<tr>
<td>11:00: ECG interpretation and optimal stress test procedures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4B Neurology</td>
<td>Grand Ballroom 2</td>
<td>Christopher Rowe, Austin Health</td>
</tr>
<tr>
<td>11:00: Evaluation of Tau Tracers in Normal Ageing and Alzheimer’s disease</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4C Oncology</td>
<td>Grand Ballroom 3</td>
<td>Andrew Scott, Austin Health</td>
</tr>
<tr>
<td>11:00: Molecular Imaging of T-cell Co-regulator Factor B7-H3 with 89Zr-DS-5573a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4D General</td>
<td>Harbour View 1</td>
<td>Laura Potter, Melbourne Health</td>
</tr>
<tr>
<td>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</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
11:40: CTCA
Shallon McLean

11:15: PET-MRI in Paediatric Neurology, initial experience at the Royal Children's hospital, Melbourne
HB Toh, Royal Melbourne and Austin Hospitals

11:15: 68Ga-HBED PSMA PET/CT in the initial staging of prostate cancer
David Nadebaum, Alfred Health

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
Paul Callaghan, Australian Nuclear Science and Technology Organisation

11:30: Impact of dual time point imaging of 18-FDG PET/CT in differentiation between malignant and benign hepatic lesions
Abdullah Alqarni, Prince Sultan Military Medical City

11:36: Four-Dimensional Computed Tomography: Clinical Impact for Patients with Primary Hyperparathyroidism
Meir Lichtenstein, Melbourne Health

12:10: Paul Orr Award - 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
Stephen Stowers, Palmerston North Hospital MidCentral DHB

11:45: Amyloid PET to Improve Recruitment for Early Alzheimer's Disease Drug Trials
Christopher Rowe, Austin Health

11:45: 68Gallium PSMA HBED-CC PET-CT restaging in biochemically relapsed prostate carcinoma: Oligometastatic prevalence compared to standard imaging
Michael McCarthy, Royal Perth Hospital and Fiona Stanley Hospital, Perth, Australia.

12:00: A better MBS for all Australians
Lee Gruner, MBS Review Taskforce

12:00: [18F]-Dihydro-Testosterone PET/CT imaging protocol for patients with advanced prostate cancer
Kunthi Pathmaraj, Austin Health

12:15: 68Ga-HBED PSMA PET/CT in the assessment of biochemical recurrence in prostate cancer
David Nadebaum, Alfred Health

Scott Evans, Westmead Hospital

11:30: Pre and post Bronchoscopic Lung Volume Reduction VQ Scans - Implications for Target Lobe Selection
Chong Chew, Royal Adelaide Hospital

11:24: Effects of sitagliptin on gastric emptying of, and the blood pressure response to, a carbohydrate meal in type 2 diabetes
Madeline Buttfield University of South Australia

11:48: The clinical value of xSPECT versus SPECT in bone scanning. A head to head comparison of 200 cases
Iain Duncan, Garran Medical Imaging
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