



Centre for Innovation in Biomedical Imaging Technology

An ARC Industrial Transformation Training Centre

Radiopharmaceutical Science Symposium - 16th May 2019

“Carbon-11, Fluorine-18 and Radiometals: challenges, strategies and emerging technologies”

9:00am	REGISTRATION AND MORNING TEA
9:45am	WELCOME & INTRODUCTION <i>Rajiv Bhalla, Head of Radiochemistry, Centre for Advanced Imaging and ARC Training Centre for Innovation in Biomedical Imaging Technology, UQ</i>
10:00am	SESSION 1 <u>The changing face of (F-18) radiopharmaceutical chemistry – challenges and opportunities</u> <i>Rajiv Bhalla, Head of Radiochemistry, Centre for Advanced Imaging and ARC Training Centre for Innovation in Biomedical Imaging Technology, UQ</i> <u>Irreversible PET Tracers for Imaging Monoacylglycerol Lipase in Brain</u> <i>Muneer Ahamed, Postdoctoral Research Fellow, ARC Training Centre for Innovation in Biomedical Imaging Technology and Centre for Advanced Imaging, UQ</i> <u>Radioisotope research and development</u> <i>Ivan Greguric, Radiochemist, ANSTO</i> <u>⁶⁸Ga-Exendin-4 labelling: validation and QC for clinical use</u> <i>Dominique Scott, QTRaCE</i>
11:30am	<u>Discussion</u>
12:00pm	LUNCH
1:00pm	SESSION 2 <u>C-11 tracer research and production</u> <i>Damion Stimson, Research Radiochemist, Centre for Advanced Imaging, UQ</i> <u>C-11 tracer development and production</u> <i>Gary Perkins, Radiochemistry Development Platform Co-ordinator, ANSTO</i> <u>Radioactive metals production on a medical cyclotron</u> <i>Chady Barkil, Development Radiochemist, SAHMRI</i> <u>⁸⁹Zr labelled nanomedicines, matching biological half-life with imaging window</u> <i>Nick Fletcher, Postdoctoral Research Fellow, Centre for Advanced Imaging, UQ</i>
2:30pm	AFTERNOON TEA
3:00pm	SESSION 3 <u>Radiometals research</u> <i>Nigel Lengkeek, ANSTO</i> <u>Radiopharmaceutical development</u> <i>Melissa Latter, QTRaCE and ARC Training Centre for Innovation in Biomedical Imaging Technology</i> <u>Cu-64: An ideal radiotracer for evaluating the biodistribution and targeting efficacy of bio-nanomaterials with PET</u> <i>Zachary Houston, Postdoctoral Research Fellow, Centre for Advanced Imaging, UQ</i> <u>Multifunctional Cyclopentadiene Ligands for Theranostics with ^{99m}Tc/Re</u> <i>Angelo Frei, Postdoctoral Research Fellow, Institute for Molecular Bioscience, UQ</i>
4:30pm	<u>Discussion</u>



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