

Thursday 6th October 2022

Time	Speaker	Theme
900 - 930	Registration	
930 - 940	Welcome A/Prof Xiaowei Wang Baker Heart and Diabetes Institute Chair: TBA	
940 - 1000	Dr Anne Lagendijk Institute for Molecular Bioscience, University of Queensland The role of extracellular matrix signalling in blood vessel development and disease	Invited speaker
1000 - 1020	Prof Ethan Scott Queensland Brain Institute Custom 1- and 2-photon light-sheet microscopy for volumetric calcium imaging in vivo	Speaker selected from abstracts
1020 - 1040	Prof Pilhan Kim Korea Advanced Institute of Science and Technology Real-time IntraVital Microscopy (IVM): In vivo cellular-level imaging of internal organs in a live animal	Invited speaker AXT
1040 - 1110	Morning tea	
	Chair: TBA	
1110 - 1130	A/Prof Toby Bell Monash University Ultra-resolution in the cell nucleus with single molecule expansion microscopy	Invited speaker
1130 - 1150	Dr Donna Whelan La Trobe University Super-resolution mapping of resection and recombination complexes at collapsed replication forks	Invited speaker
1150 - 1205	Riley Hargreaves Monash University Optimising correlative super resolution and atomic force microscopies for investigating the cellular cytoskeleton	ASMI YIA
1205 - 1220	Roxane Dilcher Monash University Biomarker interplay between CSF and 18F-PI-2620 PET in Alzheimer's disease and 4R-tauopathy	ASMI YIA
1220 - 1320	Lunch	
	Chair: TBA	

1320	-	1420	Prof Ulrich Flögel Heinrich Heine University Düsseldorf Germany Molecular imaging via ¹⁹ F MRI	Plenary
1420	-	1435	Natalie Trinh University of Sydney Fluorescent stains for imaging hypoxia in tumour models	ASMI YIA
1435	-	1450	Aidan Walsh Baker Heart and Diabetes Institute Activated coagulation factor XII: A unique target for in vivo molecular imaging	ASMI YIA
1450	-	1505	Hugh Hiscocks University of Technology Sydney Bio-conjugation of novel poly-fluorinated scaffolds for use in PET and MRI	ASMI YIA
1505	-	1535	Afternoon tea Chair: TBA	
1535	-	1555	Prof Christopher Rowe Austin Hospital The clinical and research contributions of molecular imaging with PET to Alzheimer's disease	Invited speaker
1555	-	1615	Prof Steven Meikle University of Sydney Hey Siri, show me the way to the future of quantitative PET	Invited speaker
1615	-	1630	Kai Kikuchi Monash University AmyBlink-1 – A fluorescent probe enabling super-resolution imaging of amyloid fibril assembly	ASMI YIA
1630	-	1645	Francisco E. Enríquez-Mier-y-Terán University of Sydney Open-field mouse brain PET: A high-resolution PET scanner for simultaneous brain function and behavioural assessment	ASMI YIA
1645	-	1700	Saikat Ghosh Centre for Advanced Imaging, University of Queensland Antibody-based PET tracers for glioblastoma	ASMI YIA
1700	-	1800	AGM	AGM
1900	-	late	Dinner (TBA)	

Friday 7th October 2022

Time	Speaker	Theme
	Chair: TBA	
900 - 920	A/Prof Yuning Hong La Trobe University Small molecule fluorescent reporters for autophagy	Chemistry and Probes
920 - 940	Dr Mark Hackett Curtin University Developing X-ray microscopy tools to study metal ion speciation in biological samples	Chemistry and Probes
940 - 1000	Dr Zi (Sophia) Gu University of New South Wales Smart nanosheet contrast agent for magnetic resonance imaging	Chemistry and Probes
1000 - 1020	5-minute flash presentations (x4)	
1020 - 1050	Morning tea Chair: TBA	
1050 - 1105	A/Prof Sae-Ryung Kang Chonnam National University Hwasun Hospital F-18 FDS PET imaging for bacterial cancer theranostics	FASMI YIA Korea
1105 - 1120	Dr Ting-Yu Chang National Yang Ming Chiao Tung University Molecular imaging for boron neutron capture therapy against glioblastoma multiforme	FASMI YIA Taiwan
1120 - 1135	Sourabh Mehta Indian Institute of Technology Bombay Cyclodextrin-loaded polymeric nanoparticle for multimodal imaging and therapy for atherosclerosis	FASMI YIA India
1135 - 1150	Koki Tsuchiya Hokkaido University Development of pH-responsive photoacoustic imaging agents for detecting cancer	FASMI YIA Japan
1150 - 1205	Dr Claudia Arndt Helmholtz-Zentrum Dresden-Rossendorf CAR technology meets theranostics: A novel PSCA-specific UniCAR target module for prostate cancer immuno-theranostics	FASMI YIA Germany
1205 - 1305	Lunch + Poster Chair: TBA	
1305 - 1405	Prof Shinae Kizaka-Kondoh Tokyo Institute of Technology Development of new therapeutic strategies using optical in vivo imaging of tumor microenvironment	Plenary
1405 - 1425	Dr Dino Premilovac University of Tasmania Development and application of contrast enhanced ultrasound for in vivo brain blood flow imaging	Invited speaker

1425	-	1445	A/Prof Benjamin Fraser Australian Nuclear Science and Technology Organisation New agents and treatment planning tools (Ga-68 PET) for neutron capture enhanced particle therapy (NCEPT)	Speaker selected from abstracts
1445	-	1505	5-minute flash presentations (x4)	
1505	-	1535	Afternoon tea Chair: TBA	
1535	-	1555	Dr Lucy Vivash Monash University The development of a novel PET radiotracer for imaging reparative microglia	Invited speaker
1555	-	1615	Prof Paul Donnelly University of Melbourne Diagnosis and therapy with molecularly targeted copper radionuclides	Invited speaker
1615	-	1715	Invited speaker form Helmholtz - TBA Helmholtz-Zentrum Dresden-Rossendorf TBA	Plenary
1715	-	1725	Closing	