

Program

8:30 - 9:00	Registration and morning tea	
9:00 - 9:15	Opening and Introduction	
Session 1	Title: Biomedical devices/Biomaterials	
	Chair: Dr Belinda de Villiers	
9:15 - 10:15	O1: Plenary Speaker Dr. Alain Wuethrich University of Queensland a.wuethrich@uq.edu.au	Some liquid biopsy nanodiagnosics for monitoring cancer and the human immune system
10:15 - 10:30	O2: Dr. Yun Shi Institute for Glycomics y.shi@griffith.edu.au	Structure, function, and inhibition of a therapeutic target against axon degeneration
10:30 - 10:45	O3: Dr. Navid Kashaninejad QMNC n.kashaninejad@griffith.edu.au	Design and fabrication of an integrated microfluidic concentration gradient generator for mechanical stimulation and drug delivery
10:45 - 11:00	Morning tea	
Session 2:	Title: Biomedical devices/Biomaterials	
	Title: Dr Sharareh (Sherry) Eskandari	
11:00 - 11:15	O4: Dr. Gayathri Thillaiyampalam GRIDD g.thillaiyampalam@griffith.edu.au	Discovering new drug targets to enhance innate immune response against blood cancers using connectivity mapping analysis
11:15 - 11:30	O5: Dr. Shuxiong Chen GRIDD shuxiong.chen@griffith.edu.au	Innovative particle platform for development of efficacious vaccines against infectious diseases
11:30 - 11:45	O6: Dr. Victoria Ozbek Institute for Glycomics v.ozberk@griffith.edu.au	Towards the development of a mucosal vaccine against Streptococcus pyogenes
11:45 - 12:00	O7: Stephen Wilson Bruker's recorded scientific presentation Stephen.Wilson@bruker.com	Bottom-up and mid-down approaches for the sequence analysis of RNA
12:00 - 12:45	Group Photo and Lunch	
12:45 - 13:15	Poster session 1	
Session 3	Title: Biomedical Science/Biomaterials	
	Chair: Dr Andrew Rayfield	
13:15 - 13:30	O8: Dr. Benjamin Bailly Institute for Glycomics b.bailly@griffith.edu.au	Development of disaccharide receptor mimetics as inhibitors of enterovirus A71 infection
13:30 - 13:45	O9: Dr. Greg Tram Institute for Glycomics g.tram@griffith.edu.au	The Acinetobacter baumannii autotransporter adhesin Ata recognises host glycans as high-affinity receptors.
13:45 - 14:00	O10: Dr. Bilal Zulfiqar GRIDD	Identification of potent inhibitors of Leishmania donovani, and Leishmania

	b.zulfiqar@griffith.edu.au	infantum chagasi: causative agents of Old and New worlds visceral leishmaniasis.
14:00 - 14:15	O11: Dr. Sanaz Behtaj MHIQ, Clem Jones Centre for Neurobiology and Stem Cell Research s.behtaj@griffith.edu.au	A perspective on the structural requirements of nerve conduits in the peripheral nervous system
14:15 – 14:30	O12: Dr. Anu Chacko MHIQ, Clem Jones Centre for Neurobiology and Stem Cell Research a.chacko@griffith.edu.au	Chlamydia pneumoniae infects the brain via olfactory and trigeminal nerves and triggers Alzheimer’s disease pathologies
14:30 – 14:45	O13: Dr. Gillian Fisher GRIDD g.fisher@griffith.edu.au	In vitro resistance selection and omics approaches for the identification of anti-plasmodial drug targets
14:45 – 15:00	O14: Roktima Tamuli GRIDD roktima.tamuli@griffithuni.edu.au	Chemical investigation of Clerodendrum polycephalum for antimalarial compounds
15:00 – 15:30	<i>Afternoon tea and poster session 2</i>	
Session 4	Title: Biomedical research/Bioengineering Chair: Dr Hoang Phuong Phan	
15:30 - 15:45	O15: Dr. Louise Sternicki GRIDD l.sternicki@griffith.edu.au	Native Mass Spectrometry for the study of PROTAC Ternary Complexes
15:45 – 16:00	O16: Dr. Jun Zhang QMNC jun.zhang@griffith.edu.au	Inertial microfluidics for cell separation
16:00 – 16:15	O17: Dr. Melissa Sykes GRIDD m.sykes@griffith.edu.au	Imaging methods to assess the impact of Trypanosoma cruzi strain on the activity and efficacy of compounds
16:15 – 16:30	O18: Dr. Hadieh Eslampanah Institute for Glycomics hadieh.eslampanahseyedi@griffithuni.edu.au	Human Galectin-8 Dynamic Characteristics & Sialylated Glycan-Binding Capacity Towards Development of a Novel Cancer Drug
16:30 – 16:45	O19: Amanda Miotto eResearch Support Service a.miotto@griffith.edu.au	Research technologies and resources available to you at Griffith
16:45 – 17:00	Closing, prize presentation and photos	
17:30 – 20:00	Social networking	