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Program

DATE

Tuesday 29 November –
Friday 2 December 2022

VENUE

Crown Perth
Western Australia

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APSA-ASCEPT 2022
JOINT CONFERENCE



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Thank you.

Tuesday 29 November 2022

Pre-conference workshops

08:30 – 18:00 Registration desk open
Crown Ballroom Foyer

09:00 – 12:00

Pharmacogenomics SIG workshop - PGx, is it time to be precise?

Room: Crown Ballroom 3A

Facilitator: Zeyad Ibrahim

Opening Address, Prof Andrew Somogyi

Interaction of PGxs with Pharmacometric and modelling platform, Prof Joseph Ciccolini, University of Marseille, France

Pharmacogenomic implications of polypharmacy in hospitalised patients taking antipsychotic medications
Dr Vijay Suppiah, University of South Australia

Gene S Presentation, Dr Svetlana Baltic

PGx Perceptions in WA Pharmacy Schools, Assoc Prof Phil Burcham, University of Western Australia

Morning tea

Australian Genomics Project: Indications for pharmacogenomics testing in Australia, Dr Stephen Hughes, Royal College of Pathology Australasia

11:45 – 12:00 Pharmacogenomics SIG AGM
Chair: Prof Andrew Somogyi

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09:30 – 12:00

Toxicology SIG workshop - Health misinformation in the age of the pandemic

Room: Crown Ballroom 3B

Chairs: Tayler Kent, Murdoch University and Dr Susan Britza, The University of Adelaide

How did we get here? A history of pandemics and misinformation, Tayler Kent, Murdoch University

Herbal misinformation and misrepresentation: Safety concerns in times of crisis, Dr Susan Britza, The University of Adelaide

Using social media as a tool for health literacy in the pandemic, Dr Jessica Stokes-Parish, Bond University

So what do we do about misinformation? Dr Ian Musgrave, The University of Adelaide

Investigating the regulatory compliance of herbal weight loss supplements in Australia, Emily Davies, Murdoch University

Dr David Robert Grimes, University of Dublin, Ireland

11:45 – 12:00 Toxicology SIG AGM

09:30 – 12:30

APSA-ASCEPT Joint Education workshop - Research skills acquisition

Room: Crown Ballroom 3C

Chairs: Dr Sarira El-Den, Assoc Prof Tina Hinton, Assoc Prof Lynette Fernandes
Facilitator: Dr Anna-Marie Babey


Essential research skills, Assoc Prof David Foster, University of South Australia and Prof Jan-Willem Alffenaar, The University of Sydney

Presentations by:
Tori Llewelyn, Flinders University
Slade Matthews, The University of Sydney
Rebekah Moles, The University of Sydney
Alison Shield, The University of Canberra
Souha Youssef, University of South Australia

Comfort break
Group discussion
Comfort break

12:00 – 12:30 ASCEPT Education Forum
AGM / APSA networking chat

Tuesday 29 November 2022 continued		Pre-conference workshops
12:15 – 14:15	12:15 – 14:15	13:30 – 16:30
APSA-ASCEPT Joint Careers workshop	Drug Disposition and Response SIG workshop	Clinical Pharmacology SIG workshop - The role of the laboratory in Clinical Pharmacology Practice
Room: Crown Ballroom 3A	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C
<p>Facilitators: Dr Betty Exintaris, Assoc Prof Barbara Kemp-Harper and Assoc Prof Joseph Nicolazzo, Monash University</p> <p>Student facilitators: Saba Naghipour, Griffith University and Zahraa Abbas, Curtin University</p> <p>Introduction and overview</p> <p>Community engagement, Assoc Prof Joseph Nicolazzo, Monash University</p> <p>Industry experience, Steve Rees OBE, AstraZeneca, UK</p> <p>Career/professional development, Dr Kathleen Franklyn, Department of Training and Workforce Development</p> <p>Building strategic partnerships and working in clinical space, Steven Walker, Monash University</p> <p>Panel discussion Group discussion Group activity/challenge Wrap up</p>	<p>Chair: Assoc Prof Cornelia Landersdorfer</p> <p>Lost in translation? Model-based translation of the time-course of drug effects, Prof Lena Friberg, Uppsala University, Sweden</p> <p>First-in-human dose selection and escalation – how modelling and simulation helps, Dr Tom Polasek, Certara</p> <p>Strategies and platforms to characterise drug metabolism in the lab, Assoc Prof Andrew Rowland</p> <p>14:00 – 14:15 Drug Disposition and Response SIG AGM</p>	<p>Chairs: Prof David Joyce, Dr Rhonda Maguire, Assoc Prof Sam Salman</p> <p>The laboratory in Clinical Pharmacology Practice, Assoc Prof Sam Salman</p> <p>Oncology: Fluoropyrimidine dosing, Dr Rhonda Maguire, Prof Jennifer Martin</p> <p>Toxicology: Context dependence of drug/toxin discovery in human toxicology, Prof David Joyce, Dr Sean O'Halloran</p> <p>Drug concentration measurement in infectious disease practice, Prof Debbie Marriott, Dr Sophie Stocker, Prof Jan-Willem Alffenaar</p> <p>Genotype discovery and drug concentration measurement in psychiatric disorders, Prof David Joyce, Dr Tom Polasek</p> <p>15:45 – 16:30 Clinical Pharmacology SIG AGM</p>
14:30 – 16:30	14:30 – 16:30	
Pharmaceutical Society of Australia (PSA) workshop	Drug Discovery SIG workshop - New frontiers in the translation of drug discovery into the patient	
Room: Crown Ballroom 3A	Room: Crown Ballroom 3B	
<p>Chair: Mayli Foong, PSA WA State Manager</p> <p>14:30 – 15:30 Medicines by injection: Evolving role of pharmacists as the medicine experts, Keegan Wong, PSA WA Branch Committee</p> <p>15:30 – 16:30 Aged care pharmacists: From advocacy to implementation, Ayomide Ogundipe, PSA WA Vice President</p> <p>Supported by</p> 	<p>14:30 – 14:50 Drug Discovery SIG Hybrid AGM</p> <p>15:00 – 16:30 Mini symposium: Chairs: Dr Elizabeth Johnstone and Terrance Lam</p> <p>Validation of positive allosteric modulators for DOR to treat gastrointestinal motility disorders, Sadia Alvi, Monash University</p> <p>Solving the P2X1 receptor structure – a target for male contraception, Felix Bennets, Monash University</p> <p>Screening assays for inhibitors against SARS-CoV-2 spike protein and cell entry, Dr Padraig Strappe, Curtin University</p> <p>Molecular dynamics simulations reveals a novel cholesterol binding site for P2X7 receptors, Zheng (Jake) Chen, The University of Sydney</p> <p>The orexin receptors exhibit spatiotemporal signalling mechanisms in response to endogenous ligands, Natasha Dale, Harry Perkins Institute of Medical Research</p> <p>Fragment screening against stabilised $\alpha 1A$- and $\alpha 1B$-adrenoceptors identifies novel sub-type selective antagonist, Dr Alaa Abdul-Ridah, The Florey Institute of Neuroscience and Mental Health</p>	

16:30 – 17:00	Comfort break	<p>Supported by</p> 
17:00 – 18:00	Conference opening	
	Room: Crown Ballroom 1	
	Prof Kevin Pfleger, ASCEPT President Dr Petra Czarniak, APSA Conference Co-chair	
	Opening keynote address	
	Chair: Assoc Prof Daniel Wright, ASCEPT SAC Co-chair	
18:00 – 19:30	100. Keynote address Prof Sallie Pearson, Faculty of Medicine and Health, UNSW Sydney	
	Welcome reception	
	Room: Crown Ballroom 2	



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Wednesday 30 November 2022

07:30 – 18:00	Registration desk open Crown Ballroom Foyer				<div>Supported by</div> <div></div> <div>The Microplate Reader Company</div>
08:00 – 08:50	British Pharmacological Society keynote speaker				
	Room: Crown Ballroom 1				
	Chair: Prof Kevin Pfleger, ASCEPT President				
	101. Challenges and opportunities in drug discovery Steve Rees OBE, Vice President Discovery Biology, AstraZeneca, UK				
09:00 – 10:30	CONCURRENT SESSION 1				
	Oral presentations 1: Pharmacy Practice	Oral presentations 2: Clinical Pharmacology	Oral presentations 3: Cardiovascular / Drug Discovery	Oral presentations 4: Toxicology / Drug Disposition and Response	
	Room: Crown Ballroom 3A	Room: Crown Ballroom 1	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C	
	Chairs: Assoc Prof Lisa Kalisch Ellett and Lauren Fraser, University of South Australia	Chairs: Dr Tilenka Thynne, Flinders Medical Centre and Dr Frank Reimann, Taree Hospital and University of Newcastle	Chairs: Dr Simon Foster, QIMR Berghofer Medical Research Institute and Dr Alastair Keen, Monash University	Chairs: Assoc Prof Garth Maker, Murdoch University and Siobhonne Breen, Monash University	
09:00 – 09:15	102. Early outcomes of video-assisted education for consumers prescribed oral anticoagulants Dr Leanne Chalmers, Curtin University	108. Drug Burden Index for deprescribing anticholinergic and sedative medications in older inpatients Dr Kenji Fujita, The University of Sydney; Kolling Institute, Royal North Shore Hospital	114. Adenosine receptor-mediated cardioprotection post-myocardial infarction in aged rats Dr Lauren May, Monash University	120. Substances detected in poisoning and non-poisoning related suicides in Australia Jessy Lim, The University of Sydney	
09:15 – 09:30	103. Accuracy of best possible medication histories by pharmacy students: An observational study Martina Francis, The University of Sydney	109. Polypharmacy and the risk of QT prolongation in hospitalised patients on antipsychotics Tien Bui, University of South Australia	115. Interleukin-18 is a critical driver of angiotensin II-induced cardiac remodelling in mice Dr Narbada Saini, La Trobe University	121. Unintentional poisoning in older adults: Patterns in NSW Poisons Information Centre calls Qi Xuan Koh, UNSW Sydney	
09:30 – 09:45	104. Estimating value of a pharmacist-led obstetric medicines information service through user experience Nabeelah Mukadam, King Edward Memorial Hospital	110. Carer Assessment of medication management guidance for people with dementia at Hospital discharge Dr Mouna Sawan, The University of Sydney	116. Prevention of heart failure by adeno-associated virus directed expression of neuregulin1beta1 Dr Melissa Reichelt, The University of Queensland	122. The impact of medicinal cannabis legalisation and re-scheduling on poisonings in Australia Sara Allaf, The University of Sydney	
09:45 – 10:00	105. Community pharmacy training for people living with severe and persistent mental illness Ricki Ng, The University of Sydney	111. Using electronic prescription and laboratory data to assess prescribing practice Lorna Pairman, University of Otago	117. The search for a ligand for the pro-atherosclerotic orphan GPCR, GPR146 Brendan Wilkins, UNSW Sydney	123. Exposure to ginseng increases oxidative stress and membrane fluidity of ram spermatozoa Tayler Catherine Kent, Murdoch University	
10:00 – 10:15	106. The effect of COVID-19 on pharmacists' role as immunisers Maria Cooper, University of South Australia	112. Inappropriate prescribing and adverse health outcomes in hospitalised adults: A systematic review Dr Joshua Inglis, Flinders Medical Centre	118. Novel therapeutic agent to reverse atherosclerotic cardiovascular disease Assoc Prof Juliana Hamzah, Harry Perkins Institute of Medical Research	124. Extracellular vesicle derived biomarkers characterise physiological changes in cytochrome P450 activity Assoc Prof Andrew Rowland, Flinders University	
10:15 – 10:30	107. Perinatal depression screening recommendations and its implications in primary care Lily Pham, The University of Sydney	113. Patient-led gout management: Self-monitoring urate by people with gout improves clinical outcomes Toni Michael, The University of Sydney	119. Gene expression analyses of Tas1R taste receptors in cardiometabolic disease Mariah Stavrou, UNSW Sydney	125. Metabolic footprinting in a hollow-fibre infection model: Ceftolozane-tazobactam versus Pseudomonas aeruginosa Jessica Tait, Monash University	

10:30 – 11:10	Morning tea with exhibitors Poster presentations: Pharmacy Practice, Drug Discovery, Neuropharmacology, Pharmacoepidemiology, Drug Disposition and Response, Urogenital and Gastrointestinal			Supported by 
	Room: Crown Ballroom 2			
11:15 – 13:15	CONCURRENT SESSION 2			
	Symposium 1: Pathways exploiting NO mechanisms for targeting cardiovascular disease	Symposium 2: The multi-faceted approaches needed to address opioid related harms	Symposium 3: Pharmacology and toxicology of the gut, hepatobiliary and urogenital system: Challenges and therapeutic opportunities	Symposium 4: Partnerships, innovation and impact: Scaffolded learning approaches to research skill development
	Room: Crown Ballroom 1	Room: Crown Ballroom 3A	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C
	Chairs: Prof Rebecca Ritchie, Monash University and Prof Chris Sobey, LaTrobe University	Chairs: Assoc Prof Bridin Murnion, St Vincent's Hospital and Dr Jessamine Soderstrom, The University of Western Australia	Chairs: Dr Scott Smid and Dr Ian Musgrave, The University of Adelaide	Chairs: Assoc Prof Kirstie Galbraith and Steven Walker, Monash University
11:15 – 11:45	126. Accelerating inflammatory resolution to improve endothelial function and vascular health: Targeting the non-canonical pathway for NO Prof Amrita Ahluwalia, Queen Mary University of London	130. Toxicovigilance to identify opioid harms and guide prevention Dr Rose Cairns, The University of Sydney	134. Hunting aldehyde-trapping drugs: Mechanistic considerations and their clinical potential in ALD Assoc Prof Philip Burcham, The University of Western Australia	138. An inquiring mind: Embedding a research culture in an undergraduate program Steven Walker, Monash University
11:45 – 12:15	127. Can we identify and correct aberrant NO signalling in clinical circumstances? Prof John Horowitz, The University of Adelaide	131. Improving opioid use for surgical patients Dr Jonathan Penm, The University of Sydney	135. Purinergic P2X7 receptor antagonism inhibits acrolein induced bladder damage: A potential antidote for cyclophosphamide toxicity Assoc Prof Liu Lu, UNSW Sydney	139. Implementation of an innovative flipped-model and longitudinal experience to enhance research training Asst Prof Kathryn Morbitzer, Center for Innovative Pharmacy Education and Research (CIPHER), USA
12:15 – 12:45	128. Exploiting NO mechanisms to protect the heart in diabetes and heart failure – the path favouring HNO Anida Velagic, Monash University	132. Implementation of take-home-naloxone by community pharmacists Dr Joanna Moullin, Curtin University	136. The role of the microbiome and probiotics in Parkinson's disease Jade Kenna, The University of Notre Dame; The University of Western Australia	140. Impact of Australia's first Pharmacy Student Research Journal using near-peer student review Verity Boustead, Joanne Wickens, Forrest Tang, National Australian Pharmacy Students' Association (NAPSA)
12:45 – 13:15	129. NO mechanisms to protect the vasculature in stroke Dr Daniel Beard, University of Newcastle	133. The development of evidence-based opioid deprescribing guidelines Aili Langford, The University of Sydney	137. Getting to the guts of polyherbacy: The role of herbal-interactions and cytotoxicity Dr Susan Britza, The University of Adelaide	141. Leveraging partnerships to drive innovation in research skills teaching and learning Dr Bianca Levkovich, Sandwell and West Birmingham NHS Trust, UK
13:15 – 14:10	Lunch with exhibitors Poster presentations: Pharmacy Practice, Drug Discovery, Neuropharmacology, Pharmacoepidemiology, Drug Disposition and Response, Urogenital and Gastrointestinal			Supported by 
	Room: Crown Ballroom 2			
13:25 – 14:10	Sciex Lunch workshop			Sponsored by 
	Room: Crown Ballroom 3A			
	Can Time-of-Flight mass spectrometers benefit the clinical research environment? How new innovations are providing positive answers. Dr Brad Patterson, Sciex			

Wednesday 30 November 2022 continued

14:15 – 15:45 CONCURRENT SESSION 3				
	Oral presentations 5: Pharmacy Practice	Oral presentations 6: Education	Oral presentations 7: Respiratory and Inflammation	Oral presentations 8: Drug Discovery
		Supported by 		Supported by 
	Room: Crown Ballroom 1	Room: Crown Ballroom 3A	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C
	Chairs: Dr Vijay Suppiah and Tien Bui, University of South Australia	Chairs: Dr Sarira El-den and Ricki Ng, The University of Sydney	Chairs: Prof Stavros Selemidis and Dr Simone De Luca, RMIT University	Chairs: Assoc Prof Michelle Halls, Monash University and Dr Nicholas Hunt, The University of Sydney
14:15 – 14:30	142. A community pharmacy osteoporosis screening service; an implementation science approach Jonathan Phuong, The University of Sydney	148. Innovation and entrepreneurship – Are pharmacy students ready? Dr Lynn Cheong, University of Canberra	154. GPR84 antagonist, GLPG1205, reduces disease features in experimental severe asthma Dr Chantal Donovan, The University of Technology Sydney	160. LASEREDD Focus: Lentiviral-driven engineering of GPCRs in human cells for drug discovery Assoc Prof Daniel Scott, The Florey Institute; The University of Melbourne
14:30 – 14:45	143. Clinicians' perspective of opioid analgesic stewardship in acute pain clinical care standard Chelsea Dutkiewicz, The University of Sydney	149. Core concepts in pharmacy: Do they know what they need to know? Dr Alison Shield, University of Canberra	155. Patient-specific methods to assess inhaled-toxicant susceptibility in fibrotic lung disease Dr Simon Royce, Monash University	161. Development of technologies for the targeted degradation of a GPCR Dr Alastair Keen, Monash University
14:45 – 15:00	144. Persistence with oral anticoagulant therapy in atrial fibrillation: A cohort study Adane Kefale, University of Tasmania	150. Barriers and facilitators to implementing simulation into Pharmacy programs globally Dr Daniel Malone, Monash University	156. Vasodilator and anti-inflammatory effects of FPR agonist Cmpd17b in precision-cut lung slices William Studley, Monash University	162. Shining a light on localised signalling using a targeted optogenetic GPCR Chantel Mastos, Monash University
15:00 – 15:15	145. An investigation of mobile respiratory function testing in Western Australian communities Dr Petra Czarniak, Curtin University	151. HepatitescapTM - a hepatitis-themed virtual escape room gamification in pharmacy education Dr Angelina Lim, Monash University	157. Casein kinase 1 delta inhibitor PF670462 inhibits inflammatory/fibrogenesis cytokines in airway epithelium Dr Qianyu Chen, The University of Melbourne	163. Tumour microenvironmental features direct stem cells fate Arian Ansardamavandi, The University of Melbourne
15:15 – 15:30	146. Delirium, length of stay and antidepressant withdrawal in an intensive care unit Amy Kelty, University of New England	152. A science-themed escape room for teamwork and critical thinking skills development Dr Iris Lim, Bond University	158. Pirfenidone is more effective than glucocorticosteroids in limiting influenza-A-viral infection and inflammation Julia Chitty, Monash University	164. Repurposing of approved drugs targeting TGF-β for chemoresistant high-grade serous ovarian cancer Dr Michelle Wong-Brown, University of Newcastle
15:30 – 15:45	147. Patient-led gout management: People with gout's perspectives on self-monitoring their urate Toni Michael, The University of Sydney	153. Development and evaluation of a virtual privilege walk Dr Daniel Malone, Monash University	159. Bronchodilation to FFA1/4 agonists is maintained in mouse allergic airways disease Assoc Prof Jane Bourke, Monash University	165. Assessment of store operated calcium entry in cellular ageing models Vijayraghavan Seshadri, University of Tasmania
15:45 – 16:10	Afternoon tea with exhibitors		Supported by 	Respiratory and Inflammation SIG AGM
	Room: Crown Ballroom 2			Room: Crown Ballroom 3B

16:15 – 17:45	Certara New Investigator Award	Supported by CERTARA	APSA AGM
	Room: Crown Ballroom 1		Room: Crown Ballroom 3A
	Chair: Assoc Prof Nicola Smith, ASCEPT SAC Co-chair		
16:15 – 16:45	166. Structure-based discovery of new positive allosteric modulators of the A1 adenosine receptor Dr Anh Nguyen, Monash University		
16:45 – 17:15	167. Preclinical models to understand the risk of multiple concurrent medicines in old age: Where are we up to? Dr John Mach, The University of Sydney		
17:15 – 17:45	168. Novel targets for the treatment of cigarette smoke-induced cognitive impairment in mice Dr Simone De Luca, RMIT University		
17:45 – 18:15	Student Forum AGM		
	Room: Crown Ballroom 1		
19:30 – 21:00	Student dinner		
	Venue: The Merrywell, Crown Perth		

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ASCEPT Annual Scientific Meeting

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Thursday 1 December 2022

07:30 – 17:00	Registration desk open Crown Ballroom Foyer			
08:00 – 08:50	CONCURRENT SESSION 4			
	ASCEPT Lecture		APSA Emerging Leaders Award	
	Room: Crown Ballroom 1		Room: Crown Ballroom 3A	
	Chair: Prof Kevin Pflieger, ASCEPT President		Chair: Dr Lisa Kalisch Ellett, APSA Secretary	
	Prof Rebecca Ritchie, Monash Institute of Pharmaceutical Sciences and Heart Failure Pharmacology, Monash University		201. Co-designing deprescribing guidelines' implementation into hospital for people living with dementia Dr Nagham Ailabouni, The University of Queensland	
	Supported by 		202. Cell division as a target in the development of new antimicrobial agents Dr Wern Chai, University of South Australia	
			203. Bridging the gap: Using vignettes to teach cultural competence to pharmacy students Dr Chiao Xin Lim, RMIT University	
09:00 – 10:30	CONCURRENT SESSION 5			
	Oral presentations 9: Pharmacy Practice	Oral presentations 10: Clinical Pharmacology	Oral presentations 11: Cardiovascular	Oral presentations 12: Drug Discovery
	Room: Crown Ballroom 3A	Room: Crown Ballroom 1	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C
	Chairs: Dr Leanne Chalmers and Dr Petra Czarniak, Curtin University	Chairs: Assoc Prof Jonathan Brett, St Vincent's Hospital; UNSW Sydney and Lorna Pairman, University of Otago	Chairs: Dr Michael De Silva, La Trobe University and Anida Velagic, Monash University	Chairs: Assoc Prof Daniel Scott, The University of Melbourne and Natasha Dale, University of Western Australia
09:00 – 09:15	204. Community pharmacists' acceptability of depression screening for older adults: A qualitative study Duha Gide, The University of Sydney	210. Carboplatin dose optimisation in the infant cancer patient Dr Shelby Barnett, Newcastle University	216. Cell therapy reduces vascular injury and cognitive impairment after hypertension and stroke Dr Michael De Silva, La Trobe University	222. Bias profile and efficacy-driven selectivity of xanomeline at the muscarinic receptor family Dr Celine Valant, Monash University
09:15 – 09:30	205. Attitudes of rheumatoid arthritis patients towards Disease Modifying Antirheumatic Drug deprescribing Lauren Fraser, University of South Australia	211. Feasibility of routine Therapeutic Drug Monitoring for 5-Fluorouracil Dr Peter Galettis, University of Newcastle	217. Antihypertensive effects of neurosteroid ganaxolone in two rodent models Cindy Gueguen, Baker Heart and Diabetes Institute	223. Investigating the pharmacological relationship between GPR161 and spexin-1 Kinjal Patel, UNSW Sydney
09:30 – 09:45	206. Sedative burden in hospitalised patients taking at least one antipsychotic medication Ruby Au, University of South Australia	212. Phase 1a/1b trial of a tight junction regulator (IMU-856) for coeliac disease Dr Tom Polasek, Certara	218. The citrus bioflavonoid hesperidin reverses metabolic and hepatic abnormalities in metabolic syndrome Dr Maria Jelinic, La Trobe University	224. Characterisation of Casein Kinase 1 Delta transcript variants in breast cancer tumourigenesis Jana Zielinski, The University of Melbourne
09:45 – 10:00	207. Patient reported experiences following implementation of the DBI Intervention Bundle in hospital Cristen George, The University of Sydney	213. Is Cannabidiol a clinically relevant anti-cancer drug? Edward Eden, University of Newcastle	219. The role of endothelial angiotensinII receptors in the release of nitric oxide Dr Lauren Phillips, University of Oxford	225. Gs priming of non-Gs protein activation and signalling at the glucagon-likepeptide-1 receptor John Azietaku, Monash University
10:00 – 10:15	208. Sleep health management in residential aged care facilities Elissar Mansour, The University of Sydney	214. Drug Burden Index Intervention Bundle for medication review: Patient and clinician experiences Dr Nashwa Masnoon, The University of Sydney; Royal North Shore Hospital	220. Effects of human amnion epithelial cells in experimental chronic stroke Dr Shengpeng Zhang, La Trobe University	226. Investigating the atypical DRY motif of the potential lipid-lowering orphan receptor GPR146 Hejie Zhang, UNSW Sydney
10:15 – 10:30	209. Impact of partnered pharmacist medication charting on potentially inappropriate medications use Tesfay Mehari Atey, University of Tasmania	215. An LC-MSMS assay of Cannabidivarin (CBDV) and metabolites Rebecca Gordon, University of Newcastle	221. Unravelling the intracellular signalling pathways in CGRP-induced vasorelaxation in rat coronary arteries Lucy Donovan, University of Oxford, UK	227. Fine-tuning glutamate receptor activity with allosteric inhibitors for neurodegenerative and psychiatric disorders Assoc Prof Karen Gregory, Monash University

10:30 – 11:10	Morning tea with exhibitors Poster presentations: Toxicology, Cardiovascular, Respiratory and Inflammation, Education, Pharmacy and Pharmaceutical Sciences Education, Pharmacogenomics, Clinical Pharmacology, Pharmaceutical Science, Innovation and Industry Room: Crown Ballroom 2			Supported by 
11:15 – 13:15	CONCURRENT SESSION 6			
	Symposium 5: Novel pharmacotherapies for chronic inflammatory diseases Room: Crown Ballroom 1 Chairs: Prof Ross Vlahos, RMIT University and Dr Chantal Donovan, University of Technology Sydney	Symposium 6: Translational pharmacology research to inform deprescribing for older people Room: Crown Ballroom 3A Chairs: Prof Sarah Hilmer, Kolling Institute, Royal North Shore Hospital; The University of Sydney and Assoc Prof Danijela Gnjjidic, The University of Sydney	Symposium 7: Drug Hypersensitivity reactions and the HLA system Room: Crown Ballroom 3B Chairs: Dr Duaa Gaafar, Royal Children's Hospital Melbourne and Dr Rhonda Maguire, PathWest Laboratory Medicine	Symposium 8: Advances in reproductive health research to address global challenges Supported by    Room: Crown Ballroom 3C Chairs: Dr Sab Ventura and Prof Michelle McIntosh, Monash University
11:15 – 11:45	228. Phosphodiesterase (PDE) Inhibitors as novel drugs for the treatment of respiratory diseases Prof Clive Page, King's College London, UK	232. Preclinical models to understand the risk of polypharmacy in old age Dr John Mach, The University of Sydney	236. Delayed drug hypersensitivity reactions: Clinical presentations, immune mechanisms, and common culprits Assoc Prof Sam Salman, University of Western Australia	240. Analysis of maternal medicines in drug development pipeline: Target product profile matching Dr Annie McDougall, Burnet Institute
11:45 – 12:15	229. Influenza A virus infection in pregnancy: Impacts beyond the lung Prof Stavros Selemidis, RMIT University	233. Pharmaco-epidemiologic research methods and findings to inform deprescribing practice Assoc Prof Andrew Zullo, Brown University, USA	237. Mechanisms of drug hypersensitivity and HLA Dr Andrew Gibson, Murdoch University	241. Inhaled oxytocin development for prevention of postpartum haemorrhage in low-resource settings Prof Michelle McIntosh, Monash University
12:15 – 12:45	230. Challenging the inhibitory/excitatory paradigm: Increased GABAergic inhibition can lead to epilepsy Prof Mary Chebib, The University of Sydney	234. Deprescribing trials: Challenges and pitfalls Prof Petra Thuermann, Witten/Herdecke University, Germany	238. Current and new technological advances to study HLA and drug interactions Dr Belinda Kaskow, University of Western Australia	242. Spermatogenic targets for male contraception Dr Brendan Houston, The University of Melbourne
12:45 – 13:15	231. Innovative approaches to resolve inflammation in the heart and vasculature Dr Chengxue Helena Qin, Monash University	235. Co-design with consumers and clinicians to develop research priorities and deprescribing interventions Dr Emily Reeve, Monash University	239. HLA Pharmacogenomics in our region, stronger guidance for pre-emptive HLA testing needed Prof Andrew Somogyi, University of Adelaide	243. Cryo-EM structure of the human P2X1-purinoreceptor for use in male contraception Dr Jesse Mobbs, Monash University
13:15 – 14:10	Lunch with exhibitors Poster presentations: Toxicology, Cardiovascular, Respiratory and Inflammation, Education, Pharmacy and Pharmaceutical Sciences Education, Pharmacogenomics, Clinical Pharmacology, Pharmaceutical Science, Innovation and Industry Supported by  Room: Crown Ballroom 2			13:15 Gastro-Urogenital SIG AGM Room: Crown Ballroom 3C 13:45 Pharmacoepidemiology SIG AGM Room: Crown Ballroom 3A 13:45 Neuropharmacology SIG AGM Room: Crown Ballroom 3B

Thursday 1 December 2022 continued

14:15 – 15:45 CONCURRENT SESSION 7				
	Oral presentations 13: Education	Oral presentations 14: Pharmacoepidemiology	Oral presentations 15: Neuropharmacology / Urogenital and Gastrointestinal	Oral presentations 16: Innovation and Industry / Pharmaceutical Science
	Room: Crown Ballroom 1	Room: Crown Ballroom 3A	Room: Crown Ballroom 3B	Room: Crown Ballroom 3C
	Chairs: Dr Nilushi Karunaratne, Monash University and Dr Anna-Marie Babey, University of New England	Chairs: Dr Mouna Sawan and Dr Edwin Tan, The University of Sydney	Chairs: Prof Arthur Christopoulos, Monash University and Dr Iris Lim, Bond University	Chairs: Assoc Prof Stephanie Reuter Lange and Dr Tahlia Meola, University of South Australia
14:15 – 14:30	244. Potential factors that can affect the performance of undergraduate pharmacy research students Assoc Prof Nial Wheate, The University of Sydney	250. Evaluating collective impact theory as a catalyst for implementing population-level evidence-based deprescribing Dr Justin Turner, Monash University	256. Targeting inflammasome-dependent neuroinflammation in vascular dementia Prof Thiruma (Garrie) Arumugam, La Trobe University	262. Oral Nanotherapeutic formulations of GLP-1 agonist Liraglutide Dr Nicholas Hunt, The University of Sydney
14:30 – 14:45	245. Work-readiness of final year pharmacy students in undergraduate and graduate-entry programs Dr Rebecca Roubin, The University of Sydney	251. Deprescribing heart failure medications in older people: A systematic review and meta-analysis Mai Duong, The University of Sydney; Kolling Institute, Royal North Shore Hospital	257. Changes to the blood-brain barrier proteome in a mouse model of glioblastoma Dr Liam Koehn, Monash University	263. Multiplexed physiological perfusion systems for optimising the predictive value of drug screening Tianhong Cheng, The University of Melbourne
14:45 – 15:00	246. Improving the effectiveness of workplace-based assessment for intern pharmacists Dr Hayley Croft, University of Newcastle	252. Willingness of people living with cognitive impairment and their caregivers to deprescribe Dr Emily Reeve, Monash University	258. Rigorous pharmacological characterisation of metabotropic glutamate receptor 1 Dr Shane Hellyer, Monash University	264. Bacteriophage nanobots Dr Hien Duong, The University of Sydney
15:00 – 15:15	247. Professional hierarchies and status: Considerations for educational design of inter-professional student experiences Assoc Prof Kellie Charles, The University of Sydney	253. The association between medication discharge counselling and readmission to hospital Dr Edwin Tan, The University of Sydney	259. Desensitising properties of gain-of-function GABRB3 variants influence the severity of DEE Susan Lin, The University of Sydney	265. Systematic review of intravenous drug compatibility in neonatal intensive care setting Thisuri De Silva, Curtin University
15:15 – 15:30	248. Can brief whiteboard videos improve healthcare providers' knowledge and self-efficacy to deprescribe? Dr Justin Turner, Monash University	254. Prevalence of frailty in dementia and its association with medication use Linda Koria, The University of Sydney	260. Adenosine receptor modulators for the treatment of chronic pain Assoc Prof Wendy Imlach, Monash University	266. Effect on dissolution time after cutting a slow-release tablet formulation – Panadol-Osteo® Dr Kwang Choon Yee, University of Canberra
15:30 – 15:45	249. Cultivating interprofessional education for nursing and pharmacy students: A pilot study Dr Chiao Xin Lim, RMIT University	255. Effectiveness of bisphosphonates versus denosumab following hip fracture in people with dementia Dr Stephen Wood, Monash University	261. Bacteria and neuron interactions in the bladder Dr Luke Grundy, Flinders University	267. Development of a novel pH-buffered alginate gel for resistant wound infections Fatima Abid, University of South Australia
15:45 – 16:10	Afternoon tea with exhibitors Room: Crown Ballroom 2			

16:15 – 17:15	CONCURRENT SESSION 8	
16:15 – 16:45	ASCEPT Early Achievement Award for Women	APSA lecture
	Room: Crown Ballroom 3A	Room: Crown Ballroom 1
	Chair: Assoc Prof Nicola Smith, ASCEPT SAC Co-chair	Chair: Assoc Prof Joseph Nicolazzo, APSA President
	268. Health and medication-related goals of care in Home Medicine Reviews Dr Lisa Kouladjian O'Donnell, The University of Sydney	A competent fit for purpose workforce: The journey from novice to expert Assoc Prof Kirstie Galbraith, Director, Experiential Development and Graduate Education (EDGE), Monash University
16:45 – 17:15	Equity, Diversity and Inclusion - The next steps for ASCEPT	
	Assoc Prof Tina Hinton, The University of Sydney	
17:15 – 18:15	ASCEPT AGM	
	Room: Crown Ballroom 3A	
19:00 – 23:30	Conference dinner	<div>Supported by</div> <div></div>
	Venue: Function Centre, Fraser's Kings Park, 60 Fraser Ave, Kings Park	



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Friday 2 December 2022

08:30 – 13:00	Registration desk open Crown Ballroom Foyer			
08:30 – 10:00	CONCURRENT SESSION 9			
	ASCEPT Garth McQueen student oral prize			
	Room: Crown Ballroom 1			
	Chair: Assoc Prof Daniel Wright, ASCEPT SAC Co-chair			
08:30 – 08:45	300. Exploring cardiac GPCRs for effective fibrosis treatment Joel Coffie, Monash University			
08:45 – 09:00	301. Preventing urate-lowering therapy induced gout flares: A systematic review and network meta-analysis Dorsa Maher, University of South Australia			
09:00 – 09:15	302. The influence of soluble microenvironment on tumour cell cytotoxicity of chemotherapeutics Xiaodan Zhang, The University of Melbourne			
09:15 – 09:30	303. Adding a dimension to biomechanical cues underlying IPF Avanka Gunatilaka, The University of Melbourne			
09:30 – 09:45	304. Effects of acute and chronic trimethylamine-N-oxide and simulated diabetes in cardiac myoblasts Saba Naghipour, Griffith University			
09:45 – 10:00	305. Sex differences in risk of diabetes-associated cardiovascular events with SGLT2i versus GLP-1RAs Abhipree Sharma, Monash University			
10:00 – 10:35	Morning tea with exhibitors Student poster finalist presentations Room: Crown Ballroom 2			
10:40 – 12:40	CONCURRENT SESSION 10			
	Symposium 9: Microphysiological Systems: Current innovations and projected impact on drug discovery and development Room: Crown Ballroom 1 Chairs: Prof Alastair Stewart, The University of Melbourne and Assoc Prof Yi-Chin Toh, Queensland University of Technology	Symposium 10: Model informed precision dosing to battle AMR “from bedside to bench and back” Room: Crown Ballroom 3A Chairs: Prof Jan-Willem Alffenaar and Dr Sophie Stocker, The University of Sydney	Symposium 11: Drug repurposing in the time of COVID-19 Room: Crown Ballroom 3B Chairs: Tayler Kent, Murdoch University and Dr Susan Britza, University of Adelaide	Symposium 12: The core concepts of pharmacology - so much content, so little time Room: Crown Ballroom 3C Chairs: Assoc Prof Tina Hinton, The University of Sydney and Dr Suong Ngo, University of Adelaide
10:40 – 11:10	307. Human cardiac organoids as microphysiological systems to study peptide receptor function Dr Simon Foster, QIMR Berghofer Medical Research Institute	311. Why are changes needed in drug dosing for infectious diseases? Assoc Prof Sam Salman, The University of Western Australia	315. Lost in Translation? Insights from drug repurposing for COVID Prof Craig Rayner, Monash University	319. A perspective on “knowledge” curricula - what do pharmacists need to know Prof Timothy Chen, The University of Sydney
11:10 – 11:40	308. Nociceptive detection using a cell-based microfluidic platform Dr Tommy Tong, Monash University	312. How can preclinical studies be used for establishing drug concentration targets? Dr Fekade Sime, The University of Queensland	316. The valley of death – why Australia failed to develop clinically effective drugs in COVID-19 Prof Jennifer Martin, University of Newcastle	320. Student learning: Context matters Emeritus Prof Patangi (Chari) Rangachari, McMaster University, Canada

Pharmaceutical Society of Australia (PSA) lecture

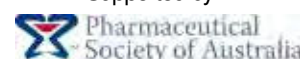
Room: Crown Ballroom 3A

Chair: Dr Petra Czarniak, APSA Conference Co-chair

306. Never waste a good crisis: The changing face of pharmacy practice

Dr Fei Sim, National President, Pharmaceutical Society of Australia

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11:40 – 12:10	309. Multiplexed superfusion system for cell culture: From prototype to product Dr Bryan Gao, The University of Melbourne	313. Developing pharmacokinetic models for clinical care; how can we make them useful? Assoc Prof Cornelia Landersdorfer, Monash University	317. Australian program for drug repurposing for treatment resistant ovarian cancer Prof Nikola Bowden, University of Newcastle; Hunter Medical Research Institute	321. Core concepts of Pharmacology Education: An international collaboration for students and educators Prof Clare Guilding, University of Newcastle, UK
12:10 – 12:40	310. Scalable models for disease modelling and drug testing Prof Yi-Chin Toh, Queensland University of Technology	314. Ahead of the curve with Vancomycin dosing in children Mr Tony Lai, Westmead Children's Hospital	318. Repurposing medicines in Australia Nick Henderson, Therapeutic Goods Administration	322. Core concepts, concept inventories and pedagogical content knowledge Prof Paul White, Monash University
12:45 – 13:30	APSA Medalist Room: Crown Ballroom 1 Chair: Assoc Prof Joseph Nicolazzo, APSA President Assoc Prof Stephanie Reuter Lange, University of South Australia			
13:30 – 14:00	Awards and conference close Prof Kevin Pflieger, ASCEPT President Assoc Prof Joseph Nicolazzo, APSA President			
14:00	Lunch Room: Crown Ballroom 2			



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