




## Monday 20 November 2023

08:30 – 18:00	Registration desk open		
	Room: Foyer		
09:00 – 11:00	<b>WORKSHOP 1: Careers in Industry and Beyond</b>	<b>WORKSHOP 2: Using machine learning in clinical pharmacology workflows</b>	
	Room: Cockle Bay Room 2	Room: Meeting Room C3.2	
	<b>Chair:</b> Dr Saba Naghipour, Griffith University, Kinjal Patel, UNSW Sydney, Jana Zielinski, The University of Melbourne, Mariah Stavrou, UNSW Sydney and Ilsa Wojt, The University of Sydney	<b>Chair:</b> A/Prof Matt Doogue, University of Otago, Christchurch and A/Prof Jonathan Brett, St Vincent's Hospital Sydney, UNSW Sydney	
	<b>Careers in industry</b> <i>Orin Chisholm, The University of Sydney</i> <i>Prajni Sadananda, Biogen</i> <i>Kumaran Mani, Astra Zeneca</i> <i>Paul Young, Ab Initio</i>	<b>W101. Pharmacometrics and machine learning</b> <i>Prof Pierre Marquet, University Hospital of Limoges</i>	
		<b>W102. Machine learning, clinical pharmacology, and the quality use of medicines</b> <i>Dr David Liew, Austin Health</i>	
11:00 – 11:15	Comfort break		
11:15 – 13:10	<b>WORKSHOP 3: Advanced analytical approaches for drug discovery</b>	<b>WORKSHOP 4: Computational toxicology: Transforming toxicity testing in the 21st century</b>	<b>WORKSHOP 5: Challenges and opportunities in transforming clinical pharmacology: lessons from three continents</b>
	Room: Cockle Bay Room 2	Room: Meeting Room C3.1	Room: Meeting Room C3.2
	<b>Chair:</b> Dr Alaa Abdul-Rhida, The Florey Institute of Neuroscience and Mental Health and Chantel Mastos, Monash University	<b>Chair:</b> Raymond Lui, Computational Pharmacology and Toxicology Laboratory, Sydney Pharmacy School, Faculty of Medicine and Health, The University of Sydney	<b>Chair:</b> Dr Jana Stojanova, St Vincent's Hospital Sydney and A/Prof Jane Carland, St Vincent's Hospital Sydney / UNSW Sydney
	<b>W103. Curve fitting methods for quantifying the kinetics of G-protein-coupled receptor signalling</b> <i>Dr Sam Hoare, Pharmeconomics Pharmacology Data Analysis and Consulting</i>	<b>W106. Using computers in toxicology education: Python for PK calculations</b> <i>Dr Slade Matthews, The University of Sydney</i>	<b>W110. Innovations in immunosuppressant therapeutic drug monitoring implemented in France</b> <i>Prof Pierre Marquet, University Hospital Limoges/University of Limoges</i>
	<b>W104. Quantification of Allosteric and Biased Signalling</b> <i>Dr Celine Valant, Monash University</i>	<b>W107. Toxicological modelling and simulation at the molecular and cellular levels</b> <i>Raymond Lui, The University of Sydney</i>	<b>W111. Clinical application of alternative sampling technologies in Australia</b> <i>Dr Richard Kevin, St Vincent's Hospital Sydney / UNSW Sydney</i>
	<b>W105. Use of pharmacokinetic models and analysis in drug discovery</b> <i>Dr Xiao (Derek) Zhu, School of Pharmacy, Fudan University</i>	<b>W108. Intro to TK and PBTK methods in toxicology and risk assessment</b> <i>Dr Antti Mikkonen, Environment Protection Authority Victoria</i>	<b>W112. Clinical pharmacology across continents – perspectives from Chile</b> <i>Dr Jana Stojanova, St Vincent's Hospital Sydney</i>
		<b>W109. Artificial intelligence and machine learning for toxicity testing</b> <i>Daniella James-New, The University of Sydney</i>	

13:10 – 13:40	STUDENT FORUM SIG AGM	TOXICOLOGY SIG AGM	CLINICAL PHARMACOLOGY SIG AGM
13:40 – 14:10	<b>Lunch break (not included)</b>		
14:10 – 16:10	<b>WORKSHOP 6: Innovation and Industry in Pharmacology</b>	<b>WORKSHOP 7: Pharmacogenomics SIG: Updates on our understanding and implementation of pharmacogenomic knowledge</b>	<b>WORKSHOP 8: Generative AI and the future of pharmacology education</b>
	<b>Room:</b> Cockle Bay Room 2	<b>Room:</b> Meeting Room C3.1	<b>Room:</b> Meeting Room C3.2
	<b>Chair:</b> Dr Elizabeth Johnstone, University of Western Australia and Prof Daniel Hoyer, The University of Melbourne	<b>Chair:</b> Dr Nuala Helsby, University of Auckland	<b>Chair:</b> A/Prof Tina Hinton, The University of Sydney, Prof Emilio Badoer, RMIT University, Dr Gregg Maynard, Charles Sturt University
	<b>W113. Endo Axiom and Oral insulin: the gap between an academic paper and a clinical trial</b> <i>Dr Nicholas Hunt, Endo Axiom</i>	<b>W118. Pharmacogenetics and the Environment: A Bigger Picture of the Ethnic Factors that Influence Drug Disposition and Response</b> <i>Dr Carwyn Davies, GSK Sydney</i>	<b>W121. Investigating generative AI to build research and scholarship capacity in pharmacology and toxicology education</b> <i>Dr Megan Anakin, The University of Otago</i>
	<b>W114. Innovation at the interface of industry and academia</b> <i>Dr Andrew Harvey, The University of Queensland</i>	<b>W119. The Potential of Model Informed Precision Dosing and Pharmacogenomics for Clozapine Therapy</b> <i>Sam Mostafa, Monash University</i>	<b>W122. AI-Enhanced Health Education: Shaping health professionals for tackling future complex problems</b> <i>A/Prof Kellie Charles, The Sydney University</i>
	<b>W115. Next generation therapeutics inspired by psychedelics from nature</b> <i>Josh Ismin, Psylo</i>	<b>W120. Marching towards health system funding of preemptive pharmacogenomic testing which integrates with electronic medical record(EMR)systems across the Globe</b> <i>A/Prof Leslie Sheffield, MyDNA Life Australia PTY LTD</i>	<b>W123. Academic integrity and generative AI</b> <i>Prof Adam Bridgeman, The University of Sydney</i>
	<b>W116. The Dangerous Business of Stepping Out Your Door: D1 to First in Man in Pharma</b> <i>A/Prof Laura Jacobson, The Florey Institute of Neuroscience and Mental Health</i>		<b>W124. Quality of information and bias in generative AI</b> <i>Prof Emilio Badoer, RMIT University</i>
<b>W117. Inosi Therapeutics: The role of serendipity in moving from academic to translational research</b> <i>Dr Tracy Gaspari, Inosi Therapeutics</i>			
16:10 – 16:40	<b>INNOVATION &amp; INDUSTRY SIG AGM</b>	<b>PHARMACOGENOMICS SIG AGM</b>	<b>EDUCATION FORUM AGM</b>
17:00 – 18:00	<b>Conference opening and keynote address</b>		
	<b>Room:</b> Cockle Bay Room 2		
	Prof Kevin Pflieger, ASCEPT President A/Prof Nicola J Smith, ASCEPT SAC Chair <b>Chair:</b> Prof Kevin Pflieger, ASCEPT President		
	<b>100. Challenging Dogma: Time to Change Practice with Some New Tricks</b> <i>Dr Emily G. McDonald, Centre for Outcomes Research and Evaluation (CORE)</i>		
18:30 – 20:00	<b>Welcome reception</b>		Sponsored by  Bellberry Limited supporting research and ethics
	<b>Room:</b> Foyer		

## Tuesday 21 November 2023



07:30 – 18:00	<b>Registration desk open</b>			
	Room: Foyer			
08:30 – 09:30	<b>British Pharmacological Society keynote address</b>			
	Room: Cockle Bay Room 2			
	Chair: Prof Kevin Pflieger, ASCEPT President			
	<b>200. GPCRomics: Oh, the Places You'll Go!</b> <i>Dr Fiona Murray, University of Aberdeen</i>			
09:30 – 10:25	<b>Morning tea with exhibitors</b>			
	<b>Poster presentations:</b> Clinical Pharmacology, Drug Discovery, Respiratory and Inflammation, Innovation and Industry, Toxicology			
	Room: Foyer			
10:30 – 12:30	<b>Symposium 1: New frontiers for the translation of drug discovery into the patient</b>	<b>Symposium 2: Transforming our perception of how the RAAS contributes to fibrosis</b>	<b>Symposium 3: Transformations in toxicology</b>	<b>Symposium 4: Pharmacogenomics in Oceania</b>
	Room: Cockle Bay Room 2	Room: Meeting Room C3.1	Room: Meeting Room C3.2	Room: Cockle Bay Room 1
	Chairs: Brendan Wilkins, UNSW Sydney and Dr Liz Johnstone, Harry Perkins Institute of Medical Research, University of Western Australia	Chairs: Prof Owen Woodman, Monash University and Dr Simone De Luca RMIT University	Chair: Dr Slade Matthews, The University of Sydney and <i>Dr Ganna Shayakhmetova, ISI Institute of Pharmacology and Toxicology of National Academy of Medical Sciences of Ukraine</i>	Chair: A/Prof Alison Shield, The University of Sydney and Sam Mostafa, Monash University
10:30 – 11:00	<b>201. New therapeutics require new health economic modelling approaches</b> <i>Prof Zanfina Ademi, Monash University</i>	<b>205. Lessons from the lung – current and novel approaches from treating fibrosis</b> <i>A/Prof Jane Bourke, Monash University</i>	<b>209. Advances in toxicology inform health risk assessment - how ACTRA has contributed in Australia</b> <i>Prof Brian Priestly, Monash University</i>	<b>213. What can DNA tell us about the human settlement of the Pacific and why does it matter?</b> <i>Prof Lisa Matisso-Smith, The University of Otago</i>
11:00 – 11:30	<b>202. The journey beyond the bench</b> <i>Dr Robert Shepherd, Dimerix Limited</i>	<b>206. Inactivation of the local cardiac renin angiotensin system improves cardiac performance after myocardial infarction</b> <i>Zunhan (Francis) Lu, University of Queensland</i>	<b>210. Toxicokinetic solutions for dynamic environmental problems</b> <i>Antti Mikkonen, Environmental Protection Agency</i>	<b>214. Oncology Pharmacogenomics and Aboriginal Australians</b> <i>Prof Andrew Somogyi, The University of Adelaide</i>
11:30 – 12:00	<b>203. Application of organoids to accelerate drug discovery into the patient</b> <i>Prof Michael Kassiou, The University of Sydney</i>	<b>207. Targeting the AT2 receptor as an effective means of treating fibrosis</b> <i>Dr Yan Wang, Monash University</i>	<b>211. Use and Assessment of New Approach Methods by the Australian Pesticides and Veterinary Medicines Authority</b> <i>Selma Kaasinen, Australian Pesticides and Veterinary Medicines Authority</i>	<b>215. An update on pharmacogenetics relevant for New Zealand Māori and Pacific peoples &amp; challenges for equitable access to “precision medicine”</b> <i>Dr Nuala Helsby, The University of Auckland</i>
12:00 – 12:30	<b>204. Discovering and translating drugs to treat coronary artery disease beyond standard modifiable risk factors</b> <i>Prof Gemma Figtree, The University of Sydney</i>	<b>208. An update on how the RAAS can be targeted to treat liver fibrosis</b> <i>Dr Chandana Herath, Austin Health</i>	<b>212. Strengths &amp; weaknesses of PBPK modelling in a regulatory context</b> <i>Michael Roberts, The University of Queensland</i>	<b>Panel discussion</b> <i>Prof Lisa Matisso-Smith, The University of Otago, Prof Andrew Somogyi, The University of Adelaide and Dr Nuala Helsby, The University of Auckland</i>
12:30 – 13:25	<b>Lunch with exhibitors</b>			Supported by 
	<b>Poster presentations:</b> Clinical Pharmacology, Drug Discovery, Respiratory and Inflammation, Innovation and Industry, Toxicology			
	Room: Foyer			

13:30 – 15:00	Oral presentations 1: Drug Discovery	Oral presentations 2: Drug Disposition and Response	Oral presentations 3: Respiratory and Inflammation	Oral presentations 4: Clinical Pharmacology
	<b>Room:</b> Cockle Bay room 2	<b>Room:</b> Meeting room C3.1	<b>Room:</b> Meeting room C3.2	<b>Room:</b> Cockle Bay room 1
	<b>Chairs:</b> Dr Angela Finch, UNSW and Ms Ting Fu, Monash University	<b>Chairs:</b> A/Prof Cornelia Landersdorfer and Alice Terrill, Monash University	<b>Chairs:</b> Dr Simone De Luca, RMIT University and Dr Chantal Donovan, The University of Technology Sydney	<b>Chairs:</b> A/Prof Jonathan Brett, St Vincent's Hospital and UNSW and Dr Jana Stojanova, St Vincent's Hospital
13:30 – 13:45	<b>216. <math>\beta</math>2-Adrenoceptor-Mediated Invasion in Triple Negative Breast Cancer is Driven by HOXC12</b> <i>Terrance Lam, Monash University</i>	<b>222. Extracellular vesicles as a liquid biopsy to predict drug exposure and response</b> <i>Dr Zivile Useckaite, Flinders University</i>	<b>228. EP4, a novel mitochondrial uncoupler, reduces disease features in obesity-associated severe asthma</b> <i>Dr Richard Kim, University of Technology Sydney</i>	<b>234. I feel like I'm working at Amazon". Pharmacists' experience of outpatient telepharmacy</b> <i>Dr Jane Carland, St Vincent's Hospital, UNSW Sydney</i>
13:45 – 14:00	<b>217. Small molecule activation of glucose-6-phosphate dehydrogenase (G6PD)</b> <i>Joshua Caley, UNSW</i>	<b>223. Dichloroacetate decreases dihydropyrimidine dehydrogenase activity in cancer patients: application of mouse transcriptomics</b> <i>Dr Anneke Blackburn, Australian National University</i>	<b>229. Pulmonary and vascular consequences of influenza A virus infection in atherosclerotic mice</b> <i>Madison Coward-Smith, RMIT University</i>	<b>235. Infliximab or adalimumab antidrug-antibody complex size has more clinical value than concentration</b> <i>Prof Murray Barclay, Christchurch Hospital</i>
14:00 – 14:15	<b>218. Physicochemical graph neural network for learning protein-ligand interaction fingerprints from sequence data</b> <i>Dr Anh TN Nguyen, Monash University</i>	<b>224. Hepatic Protein Signatures of Chronic Polypharmacy, Monotherapy, and Deprescribing in Aged Mice</b> <i>Kevin Winardi, University of Sydney</i>	<b>230. Investigating the pathophysiological effects of geography-specific landscape fires smoke</b> <i>Dr Henry Gomez, University of Newcastle/ Hunter Medical Research Institute</i>	<b>236. Examining methods to assess busulfan exposure in paediatric stem cell transplant recipients</b> <i>Maxwell Thompson, The University of Queensland</i>
14:15 – 14:30	<b>219. Exploring Spexin-1 and Predicted Spliceforms: Insights into GPR161 and GAL2R Signalling</b> <i>Kinjal Patel, UNSW Sydney</i>	<b>225. Clozapine-Induced Cardiotoxicity: Investigating reactive species associated with metabolite cycling</b> <i>Ellen Kingston, The University of Auckland</i>	<b>231. Defining the cross-tissue communication between lungs and white adipose tissue in COPD</b> <i>Wei Wang, RMIT University</i>	<b>237. Pregnancy in patients receiving tacrolimus: blood and plasma concentrations and gestational outcomes</b> <i>Prof Benedetta Sallustio, The Queen Elizabeth Hospital</i>
14:30 – 14:45	<b>220. A novel single-cell fluorescence-microscopy based analysis for detection of biomarkers of cellular-senescence</b> <i>Vijayraghavan Seshadri, University of Tasmania</i>	<b>226. Preclinical behavioural recognition cages to detect health impacts of polypharmacy and deprescribing</b> <i>Dr John Mach, The University of Sydney / NSLHD/ Kolling Institute</i>	<b>232. PF670462 attenuates stiffness and strain induced fibrogenesis in precision cut lung slices</b> <i>Dr Daniel Tan, University of Melbourne</i>	<b>238. Can we predict saliva penetration of drugs?: a systematic review</b> <i>Anh Thi Nguyen, The University of Sydney</i>
14:45 – 15:00	<b>221. Characterisation of the pro-atherosclerotic orphan G protein-coupled receptor, GPR146</b> <i>Brendan Wilkins, UNSW Sydney</i>	<b>227. CD38 catalyses nicotinamide mononucleotide (NMN) base exchange</b> <i>Dr Romanthi Madawala, UNSW Sydney</i>	<b>233. A 3D mesothelioma co-culture model to improve translational potential of immunotherapy treatments</b> <i>Aimee Stenekes, University of Technology Sydney</i>	<b>239. The clinical impact of urate self-monitoring to improve allopurinol persistence in gout</b> <i>Toni Michael, School of Pharmacy, The University of Sydney</i>
15:00 – 15:55	<b>Afternoon tea with exhibitors</b>			
	<b>Room:</b> Foyer			
15:00 – 15:30	<b>DRUG DISCOVERY SIG AGM</b>	<b>CARDIOVASCULAR SIG AGM</b>	<b>DRUG DISPOSITION &amp; RESPONSE SIG AGM</b>	<b>GASTROINTESTINAL-UROGENITAL SIG AGM</b>
	<b>Room:</b> Cockle Bay Room 2	<b>Room:</b> Meeting Room C3.1	<b>Room:</b> Meeting Room C3.2	<b>Room:</b> Cockle Bay Room 1



16:00 – 17:30	<b>ASCEPT Garth McQueen Student Oral Prize</b>	<b>Oral presentations 5: Drug Discovery, Cardiovascular &amp; Neuropharmacology</b>	<b>Oral presentations 6: Pharmacogenomics / Pharmacoepidemiology</b>	<b>Oral presentations 7: Clinical Pharmacology Trainee / Toxicology</b>
	<b>Room:</b> Cockle Bay Room 2	<b>Room:</b> Meeting Room C3.1	<b>Room:</b> Meeting Room C3.2	<b>Room:</b> Cockle Bay Room 1
	<b>Chair:</b> A/Prof Kellie Charles, The University of Sydney	<b>Chairs:</b> Dr Christopher Draper-Joyce, Florey Institute of Neuroscience & Mental Health, Dr Luke Grundy, Flinders University and Tayla Gibson Hughes, La Trobe University	<b>Chairs:</b> Dr Kathryn Burns, The University of Auckland and Dr Edwin Tan, The University of Sydney	<b>Chairs:</b> Raymond Lui, The University of Sydney and Dr Nazila Jamshidi, The University of Sydney and Sydney Local Health District
16:00 – 16:15	<b>240. Developing an optogenetic system to shine a light on intracellular GPCR signalling</b> <i>Chantel Mastos, Monash University</i>	<b>246. Targeting adenosine receptors for the treatment of myocardial infarction and heart failure</b> <i>Dr Bui San Thai, Monash University</i>	<b>252. Indications for pharmacogenomic testing in Australia</b> <i>Dr Sophie Stocker, The University of Sydney</i>	<b>258. PAGANZ Nick Holford Prize Awardee: Time course of biomarkers of inflammation following birth and surgery</b> <i>Abigail Bokor, University of Auckland</i>
16:15 – 16:30	<b>241. Inhibition of the AT4R/IRAP to reduce renal fibrosis in chronic kidney disease</b> <i>Sharenya Chelvaretnam, Monash University</i>	<b>247. Improving the therapeutic application of an anti-fibrotic peptide by conjugation to nanoparticles</b> <i>Deidree Somanader, Monash University</i>	<b>253. Factors associated with antipsychotic use in people with dementia in Australia</b> <i>Edward Lau, The University of Sydney</i>	<b>259. Association between frailty and polypharmacy or multimorbidity in hospitalised adults</b> <i>Dr Joshua Inglis, Flinders Medical Centre, Flinders University and University of Adelaide</i>
16:30 – 16:45	<b>242. Probing the molecular basis of P2X1 receptor activation and inactivation using cryo-EM</b> <i>Felix Bennetts, Monash University</i>	<b>248. Dissecting endothelin-dependent signalling to identify new targets for fibrosis-related cardiac dysfunction</b> <i>Dr Simon Foster, QIMR Berghofer Medical Research Institute</i>	<b>254. Trajectories of oral bisphosphonate use after hip fractures: a population-based cohort study</b> <i>Miriam Tim Yin Leung, Monash University</i>	<b>260. A prospective audit of incidence and management of aspiration events in patients with acute poisoning</b> <i>Dr Rowena Penafiel, Royal Prince Alfred Hospital</i>
16:45 – 17:00	<b>243. Neurogenic inflammation exacerbates urinary tract infection in mice</b> <i>Harman Sharma, Flinders University</i>	<b>249. Exploring A2B receptor regulated human cardiac fibroblast phosphoproteome for fibrosis target discovery</b> <i>Joel Coffie, Monash University</i>	<b>255. Association of the Drug Burden Index exposure with outcomes: a systematic review</b> <i>Dr Bonnie Liu, University of Sydney</i>	<b>261. High-fructose diet changes brain' tissue biochemical parameters and male rats' sexual behavior</b> <i>Dr Ganna Shayakhmetova, ISI Institute of Pharmacology and Toxicology of National Academy of Medical Sciences of Ukraine</i>
17:00 – 17:15	<b>244. Exploring molecular determinants underpinning high potency of MIPS3215 at adenosine A2B receptor</b> <i>Cam Sinh Lu, Monash University</i>	<b>250. Single target-dual therapy at M4 muscarinic receptors for the treatment of schizophrenia</b> <i>Dr Celine Valant, Monash Institute of Pharmaceutical Sciences</i>	<b>256. Symptomatic and preventive medication use in people with Alzheimer's disease: 10-year study</b> <i>Shin Liau, Monash University</i>	<b>262. Acute toxicity of Thai PM 2.5 in zebrafish embryos</b> <i>Pinnakarn Techapichetvanich, Mahidol University</i>
17:15 – 17:30	<b>245. Antibiotic combinations against Pseudomonas aeruginosa strains with different resistance mechanisms</b> <i>Alice Terrill, Monash University</i>	<b>251. Exploring cell senescence in iAstrocytes and iMicroglia from ALS patients</b> <i>Alexandra Maximova, The University of Sydney</i>	<b>257. Real-world evidence of antipsychotic utilization in Australia (2000-2021) using two datasets</b> <i>Ramy Padmavathy Radha Krishnan, The University of Sydney</i>	<b>263. Predicting the arrhythmogenic risk of drugs from the hypothetical 'worst case' drug</b> <i>Dr Stewart Heitmann, Victor Chang Cardiac Research Institute</i>
17:30 – 18:30	<b>British Toxicological Society keynote address</b>			
	<b>Room:</b> Cockle Bay Room 2			
	<b>Chair:</b> Prof Kevin Pflieger, ASCEPT President			
	<b>264. Identification of Novel Toxicophores that Target Mitochondrial Respiratory Chain Complexes to Inform Drug Safety</b> <i>Prof Marion MacFarlane, University of Cambridge</i>			
19:00 – 23:00	<b>Student Dinner (registered attendees only)</b>			
	<b>Venue:</b> Fratelli Brothers			

08:00 – 17:00	<b>Registration desk open</b>			
	Room: Foyer			
08:30 – 09:00	<b>Gillian Shenfield Early Educator Award</b>			
	Room: Cockle Bay Room 2			
	Chair: A/Prof Tina Hinton, Chair, Education Forum			
	<b>300. Assessment redevelopment to improve task authenticity and evaluation of critical analysis skills</b> <i>Dr Jennifer Irvine, Monash University</i>			
09:00 – 09:30	<b>Early Achievement Award for Women</b>			
	Room: Cockle Bay Room 2			
	Chair: A/Prof Elly Djouma, Chair, Equity, Diversity & Inclusion Forum			
	<b>301. Antidepressants for pain in older adults: preliminary results from a systematic review</b> <i>Dr Sujita Narayan, The University of Sydney</i>			
09:30 – 10:25	<b>Morning tea with exhibitors</b>			
	Poster presentations: Cardiovascular, Drug Disposition and Response, Education, Neuropharmacology, Pharmacogenomics, Pharmacoepidemiology, Gastrointestinal-Urogenital			
	Room: Foyer			
10:30 – 12:30	<b>Symposium 5: Preclinical and clinical aspects of psychedelics in complex mental health disorders</b>	<b>Symposium 6: Heart of innovation: exploring technologies for cardiovascular research</b>	<b>Symposium 7: Pharmacokinetic drug-drug interactions – from microsomes to patients</b>	<b>Symposium 8: Pharmacoepidemiology across the lifespan</b>
	Room: Cockle Bay Room 2	Room: Meeting Room C3.1	Room: Meeting Room C3.2	Room: Cockle Bay Room 1
	Chairs: Prof Emeritus Daniel Hoyer, The University of Melbourne, and A/Prof Bridin Murnion, St Vincent's Hospital Sydney and UNSW Sydney	Chairs: Dr Anida Velagic and Dr Chengxue (Helen) Qin, Monash Institute of Pharmaceutical Sciences	Chairs: Dr Sophie Stocker, The University of Sydney and Joshua Inglis, Flinders Medical Centre	Chairs: Dr Edwin Tan and Dr Mouna Sawan, The University of Sydney
10:30 – 11:00	<b>302. The development of non-hallucinogenic antidepressants inspired by psychedelic natural products</b> <i>William Jorgensen, Psylo Bio Sydney</i>	<b>306. Advancing therapeutic development for cardiovascular disease with a preclinical human model of heart tissue</b> <i>Dr Shiang (Max) Lim, St Vincent's Institute of Medical Research</i>	<b>310. DDIs arising from modulation of drug metabolising enzyme activities: Mechanisms and in vitro – in vivo extrapolation</b> <i>Prof John Miners, Flinders University</i>	<b>314. Paediatric pharmacoepidemiology: starting to come of age</b> <i>A/Prof Madlen Gazarian, UNSW Sydney</i>
11:00 – 11:30	<b>303. Low dose psychedelics: Promise or placebo?</b> <i>Vince Polito, School of Psychological Science</i>	<b>307. Amnion cell-based therapies in cardiovascular disease</b> <i>Prof Chris Sobey, La Trobe University</i>	<b>311. Application of PBPK modelling for the prediction of pharmacokinetic DDIs and clinical pharmacokinetic DDI study design</b> <i>Dr Thomas Polasek, Certara</i>	<b>315. Perinatal pharmacoepidemiology</b> <i>Dr Erin Kelty, The University of Western Australia</i>
11:30 – 12:00	<b>304. Psychedelic assisted psychotherapies for alcohol and other drugs</b> <i>A/Prof Jonathan Brett, St. Vincent's Hospital Sydney and UNSW Sydney</i>	<b>308. New viral technologies for manipulating cardiac cell function</b> <i>Dr Melissa Reichelt, The University of Queensland</i>	<b>312. Pharmacoepidemiology approaches for evaluating pharmacokinetic DDIs in populations</b> <i>Dr Juiana de Oliveira Costa, UNSW Sydney</i>	<b>316. Pharmacoepidemiology in adult populations: a focus on prescription opioids</b> <i>A/Prof Natasa Gisev, UNSW Sydney</i>
12:00 – 12:30	<b>305. Jungle medicines: ayahuasca inspired psychedelic drugs for clinical mental health and addiction treatment</b> <i>Dr Daniel Perkins, The University of Melbourne and Psycae Institute</i>	<b>309. The role of extracellular vesicles in cardiometabolic disease</b> <i>Nimna Perera, Monash Institute of Pharmaceutical Sciences</i>	<b>313. Clinical decision support in prescribing systems to mitigate risks from pharmacokinetic DDIs</b> <i>A/Prof Matthew Doogue, Christchurch Hospital and The University of Otago, Christchurch</i>	<b>317. Pharmacoepidemiology with older adults: opportunities and challenges</b> <i>Ilsa Wojt, The University of Sydney</i>
12:30 – 13:25	<b>Lunch with exhibitors</b>			Supported by 
	Poster presentations: Cardiovascular, Drug Disposition and Response, Education, Neuropharmacology, Pharmacogenomics, Toxicology, Gastrointestinal-Urogenital			
	Room: Foyer			

13:30 – 15:30	<b>Bellberry New Investigator Award</b>	Sponsored by  Bellberry Limited supporting research and ethics
	Room: Cockle Bay Room 2	
	Chair: A/Prof Bridin Murnion, St Vincent's Hospital Sydney and UNSW Sydney	
13:30 – 14:00	<b>318. A LASEREDD Focus: Lentiviral-Driven Directed Evolution of Optimised G Protein-Coupled Receptors for Biologics Discovery</b> <i>Dr Christopher Draper-Joyce, The Florey Institute of Neuroscience and Mental Health</i>	
14:00 – 14:30	<b>319. Developing a new pre-clinical model of metabolic syndrome for testing pharmacotherapies and beyond</b> <i>Dr Maria Jelinic, La Trobe University</i>	
14:30 – 15:00	<b>320. Ensuring sustainability in healthcare through partnering with stakeholders to guide safe and effective medicine use</b> <i>Dr Mouna Sawan, The University of Sydney</i>	
15:00 – 15:30	<b>321. Cystic fibrosis transmembrane conductance regulator modulators Elexacaftor/Tezacaftor/Ivacaftor during pregnancy</b> <i>Dr Elena K. Schneider-Futschik, The University of Melbourne</i>	
15:30 – 15:55	<b>Afternoon tea with exhibitors</b> Room: Foyer	
16:00 – 17:00	<b>Rand Medal</b>	
	Room: Cockle Bay Room 2	
	Chair: Prof Kevin Pflieger, ASCEPT President	
	<b>322. From Serotonin to Neuropeptides and back: Translational Research in Pharma and Academia</b> <i>Prof Emeritus Daniel Hoyer</i>	
17:00 – 18:00	<b>ASCEPT AGM</b>	
	Room: Cockle Bay Room 2	
19:00 – 23:00	<b>Meeting dinner</b>	Sponsored by  Biodesign Australia
	Venue: Dockside Darling Harbour (registered attendees only)	

**ASCEPT, APFP & APSA  
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**20<sup>th</sup> World Congress of Basic and Clinical Pharmacology 2026**  
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**WCP 2026**  
12–17 July 2026 Melbourne/Narrm, Australia








## Thursday 23 November 2023

08:00 – 15:45	Registration desk open			
	Room: Foyer			
09:00 – 10:00	Japanese Pharmacological Society keynote address			
	Room: Cockle Bay room 2			
	Chair: Prof Kevin Pflieger, ASCEPT President			
	400. Neuroimmune mechanisms of stress: Insights from a mouse model <i>Prof Tomoyuki Furuyashiki, Kobe University</i>			
10:00 – 10:25	Morning tea with exhibitors			
	Room: Foyer			
	NEUROPHARMACOLOGY SIG AGM	RESPIRATORY & INFLAMMATION SIG AGM	PHARMACOEPIDEMIOLOGY SIG AGM	
	Room: Cockle Bay Room 2	Room: Meeting Room C3.1	Room: Meeting Room C3.2	
10:30 – 12:30	<b>Symposium 9: Defying time: Understanding and Preventing Age-Related Diseases</b>	<b>Symposium 10: Unravelling Organ Crosstalk in Cardiorespiratory and Neurological Diseases</b>	<b>Symposium 11: Educating prescribers of the future</b>	<b>Symposium 12: The impact of clinical pharmacology across drug development</b>
	Room: Cockle Bay Room 2	Room: Meeting Room C3.1	Room: Meeting Room C3.2	Room: Cockle Bay Room 1
	Chair: Dr Melissa Reichelt, The University of Queensland and Prof Christopher Sobey, La Trobe University	Chairs: Dr Chantal Donovan, The University of Technology Sydney and Prof Ross Vlahos, RMIT University	Chairs: A/Prof Barb Kemp-Harper, Monash University and Dr Darren Roberts, Royal Prince Alfred Hospital	Chairs: Frances Stringer, GSK
10:30 – 11:00	401. Attenuation of the PI 3-kinase signalling pathway leads to increases in lifespan and health span <i>Prof Peter Shepherd, University of Auckland</i>	405. Can the immune system be targeted to treat hypertension and end organ damage? <i>Prof Grant Drummond, La Trobe University</i>	409. Performance of Prescribing Skills Assessment ANZ in final year medical students – student experience and skills performance <i>Prof Sarah Hilmer, The University of Sydney</i>	413. Model informed drug development (MIDD) to accelerate Phase 3 start <i>Chiara Zecchin, GSK</i>
11:00 – 11:30	402. Ovarian metabolism as a target to support women's health with age <i>Dr Lindsay Wu, UNSW Sydney</i>	406. Air Pollution-induced respiratory complications: what about the heart? <i>Prof Doan Ngo, The University of Newcastle</i>	410. Preparation for prescribing and Prescribing Skills Assessment in NZ - pre-intern level prescribing, requirements for basic physician training, and beyond <i>Dr Paul Chin, The University of Otago</i>	414. Ethnopharmacology past, present and future perspectives <i>Romina Nand, GSK</i>
11:30 – 12:00	403. Cardiac adiposity in aging; a potential target for treatment of cardiac arrhythmias? <i>Dr James Bell, La Trobe University</i>	407. The liver-lung axis contributes to secondary bacterial pneumonia <i>Prof Steven Bozinovski, RMIT University</i>	411. Preparation for prescribing and Prescribing Skills Assessment at The University of Sydney - programmatic approach to skill development, creating simulations for workplace assessments of prescribing, and student feedback about preparation needs <i>A/Prof Kellie Charles, The University of Sydney</i>	415. Impact of Clinical Pharmacology in Paediatric Drug Development <i>Shaun Kumar, Parexel</i>
12:00 – 12:30	404. Hypertension and ageing – a challenging pharmacological landscape <i>A/Prof Tracey Gaspari, Monash University</i>	408. They are not born equal <i>Prof Hui Chen, The University of Technology Sydney</i>	412. The National Prescribing Curriculum post National Prescribing Service- Where to next? <i>Dr Ivan Bindoff, Senior Research Fellow, University of Tasmania</i>	416. Leveraging Model-Informed Drug Development (MIDD) in Oncology: A Case Study with Relugolix <i>Yu-Wei Wayne Lin, Certara</i>
12:30 – 13:25	Lunch with exhibitors and ASCEPT student poster finalists presentation			
	Room: Foyer			



13:00 – 13:25	<b>EDI workshop</b>			
	<b>Room:</b> Cockle Bay Room 2			
	<b>Chairs:</b> A/Prof Elly Djouma, Chair EDI Forum, & Brendan Wilkins, Chair-elect, EDI Forum			
	<b>Panel:</b> <b>ECR member:</b> Nilushi Karunaratne <b>Student Forum member:</b> Emma Zhang <b>Committee members:</b> Suong Ngo, Sheila Doggrell, Rima Caccetta, Betty Exintaris, Tina Hinton			
13:30 – 15:00	<b>Oral presentations 8:</b> Innovation and Industry / Urogenital and Gastrointestinal	<b>Oral presentations 9:</b> Cardiovascular	<b>Oral presentations 10:</b> Education	<b>Oral presentations 11:</b> Clinical Pharmacology
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	<b>Room:</b> Cockle Bay Room 2	<b>Room:</b> Meeting Room C3.1	<b>Room:</b> Meeting Room C3.2	<b>Room:</b> Cockle Bay Room 1
	<b>Chairs:</b> Dr Iris Lim, Bond University and Dr Sab Ventura, Monash University	<b>Chairs:</b> Zunhan (Francis) Lu, The University of Queensland and A/Prof Anthony Vinh, La Trobe University	<b>Chairs:</b> Dr Jennifer Irvine, Monash University and Dr Slade Matthews, The University of Sydney	<b>Chairs:</b> Dr Nicholas Farinola, Central Adelaide Local Health Network and A/Prof Bridin Murnion, St Vincent's Hospital Sydney and UNSW Sydney
13:30 – 13:45	<b>417. Human duodenum uptake and animal model toxicity of oral insulin nanotechnology (EA-1)</b> <i>Dr Nicholas Hunt, University of Sydney</i>	<b>423. Testosterone and the transgender heart, insight from a transgender male mouse model</b> <i>Kai Robertson, Griffith University</i>	<b>429. Innovative educational program to enhance pharmacy student knowledge and confidence in pharmacogenomics</b> <i>Ruby Soueid, The University of Sydney</i>	<b>435. The effect of compulsory indications in electronic hospital prescriptions on prescriber behaviour</b> <i>Lorna Pairman, University of Otago</i>
13:45 – 14:00	<b>418. Assessing alpha-1 antagonist prazosin cytotoxicity on bladder cancer cells and bladder function</b> <i>Liam O'Callaghan, Bond University</i>	<b>424. Sex matters—impact of HFD and low-dose SGLT2i on rodent cardiometabolic phenotype</b> <i>Abhipree Sharma, Monash University</i>	<b>430. Insights from student justifications for the choice of responses to multiple-choice questions</b> <i>Dr Anna-Marie Babey, University of New England</i>	<b>436. Evaluating deprescribing recommendations at scale in discharge summaries using natural language processing</b> <i>Dr Kenji Fujita, Kolling Institute, University of Sydney</i>
14:00 – 14:15	<b>419. A novel mouse model of bladder mucosal denervation</b> <i>Dr Luke Grundy, Flinders University</i>	<b>425. Lipoxin A4 improves cardiac remodelling and function in diabetes-associated cardiac dysfunction</b> <i>Ting Fu, Monash University</i>	<b>431. Can students identify mistakes when watching videos?</b> <i>Dr Marina Junqueira Santiago, Macquarie University</i>	<b>437. Evaluation of Partnered Pharmacist Medication Charting at Southern Adelaide Local Health Network</b> <i>Vasilios Sotiropoulos, SA Pharmacy</i>
14:15 – 14:30	<b>420. The Functional Role of Phosphodiesterase Isoenzymes in the Isolated Porcine Urethra</b> <i>Eriq Burovski, Bond University</i>	<b>426. Characterising vascular endothelial cell heterogeneity during angiotensin II-induced hypertension</b> <i>Tayla Gibson Hughes, La Trobe University</i>	<b>432. Impact of technology-enhanced learning strategies on student psychological motivation and performance</b> <i>A/Prof Tina Hinton, The University of Sydney</i>	<b>438. People with dementia and carers' medication management information needs: A scoping review</b> <i>Alexander Clough, University of Sydney</i>
14:30 – 14:45	<b>421. Effects of cranberry and D-mannose in a porcine UPEC-induced bladder infection</b> <i>Jenane Konesan, UNSW</i>	<b>427. Targeting the AT4 receptor/IRAP reverses type 2 diabetes-induced cardiovascular dysfunction and remodelling</b> <i>Cameron Hollands, Monash University</i>	<b>433. Using clinical case studies to build professional skills: A case study</b> <i>Dr Suong N T Ngo, The University of Adelaide</i>	<b>439. Dosing errors with paracetamol in Australians aged 12 and over, 2017-2023</b> <i>Annabelle Chidiac, The University of Sydney</i>

14:45 – 15:00	<b>422. Comparison of diabetes-induced bladder dysfunction in vitro and in vivo</b> <i>Aidan Mckean, Bond University</i>	<b>428. Contrasting the pro-oxidant/pro-inflammatory profile of diabetic rat myocardium with human endothelial cells</b> <i>Dr Anida Velagic, Monash Institute of Pharmaceutical Sciences (MIPS)</i>	<b>434. Implementation of a professional practice unit to prepare for industry-based work-integrated learning</b> <i>A/Prof Trisha Jenkins, RMIT University</i>	<b>440. Efficacy and Safety of Opioids for Osteoarthritis: Systematic Review and Meta-Analysis</b> <i>Dr Christina Abdel Shaheed, University of Sydney</i>
15:00 – 15:15	<b>Afternoon tea break</b>			
	Room: Foyer			
15:20 – 15:50	<b>Awards and meeting close</b>			
	Room: Cockle Bay Room 2			
	Chair: A/Prof Bridin Murnion, ASCEPT President Elect			




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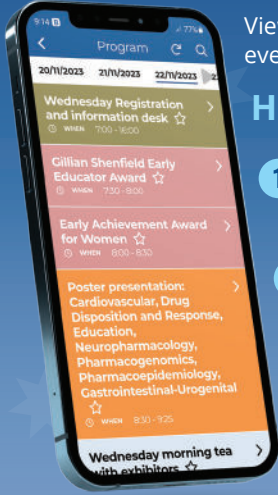



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