




Scientific Program as at 2 November 2017

Subject to change

Tuesday 5 December 2017

09:00 – 18:00	Registration desk open			
10:00 start	ASCEPT Board meeting (10:00 - 12:30)	Workshop: Careers and Early Stage Biomedical Translation (10:00 – 16:45)	Pharmacogenomics Workshop (10:00 – 12:00)	Council of Pharmacy Schools meeting (10:00 – 12:30)
		Supported by Accelerating Australia  Supported by MTPConnect <small>MedTech and Pharma Growth Centre</small>	Chair: Prof Andrew Somogyi Thiopurine pharmacogenetics: From classic simplicity to modern complexity Dr John Duley, The University of Queensland Research and education programs facilitating evidence-based clinical implementation of pharmacogenomics and precision medicine in Australia Assoc Prof Liz Milward, The University of Newcastle Student/ECR short presentations Pharmacogenomics SIG AGM	
		10:00 – 12:30 Overview of the Life Sciences Industry from an Australian Perspective - Transformational stage of the industry resulting in opportunities for biomedical entrepreneurs What is a biomedical entrepreneur? Prof Maree Smith, The University of Queensland and Prof Darren Kelly, The University of Melbourne 12:30 – 13:15 Lunch 13:15 – 16:45 What is happening in our biomedical translation ecosystem? - Facilitated and interactive workshop to identify the main hurdles for biomedical translation in Australia from the perspective of participants	Education Forum (12:30 – 16:30) ASCEPT Education Forum AGM Engaging students in the digital world Dr Kirsten Staff and Dr Sheridan Gentili Preparing educators to deal with the challenges of an ever-changing higher education environment Assoc Prof Lesley Lluka, The University of Queensland and Assoc Prof Shane Bullock, Monash University	Clinical Pharmacology Workshop (14:30 – 17:00) Clin Pharm Noir — A case-based, interactive workshop on forensic toxicology Can the living help the deceased? Assoc Prof Darren Roberts, NSW Poisons Information Centre, Sydney Children's Hospital Network, Westmead The final consult Prof Nick Buckley, The University of Sydney Poisoning through the ages Prof Ian Whyte, Calvary Mater Newcastle
17:00 – 18:00	Conference opening and Japanese Pharmacological Society keynote address Prof Yuichi Sugiyama, Sugiyama Laboratory, RIKEN Innovation Center, Japan			
18:00 – 19:30	Welcome reception Boulevard Auditorium Foyer, Brisbane Convention and Exhibition Centre			



Wednesday 6 December 2017

07:30 – 18:00	Registration desk open			
08:30 – 09:30	APSA lecture Reflections and connections on a pharmacokinetic journey Prof Kevin Batty, School of Pharmacy, Curtin University			
09:30 – 10:20	Morning tea with exhibitors Poster presentations: Cardiovascular, Clinical Pharmacology, Drug Discovery, Toxicology, Pharmaceutical Science			APSA – Council Meeting
10:25 – 12:30	Symposium 1: Cannabinoids for patients: Getting the pharmacology right first time Supported by  Queensland Government Chair: Prof Jennifer Martin	Symposium 2: Mice, modelling and post-marketing surveillance to inform medication efficacy and safety Chairs: Dr Danijela Gnjidic and Assoc Prof Simon Bell	Symposium 3: Optimising teaching to enhance student outcomes Chairs: Dr Lynette Fernandes and Dr Greg Maynard	Symposium 4: Novel aspects of drug metabolising enzymes - structure, function and regulation Chairs: Prof Ross McKinnon and Prof Peter Mackenzie
10:25 – 10:50	Understanding cannabinoid clinical pharmacology in order to drive clinical studies Dr Catherine Lucas, University of Newcastle	Preclinical models to understand the risks of single and multiple concurrent medicines in old age Dr John Mach, Kolling Institute of Medical Research; The University of Sydney	Introducing a large-scale research project for undergraduate students Assoc Prof Susan Rowland, The University of Queensland	Cytochrome P450 structure - function: Insights from molecular dynamics simulations Prof John Miners and Dr Pramod Nair, Flinders University
10:50 – 11:15	Cannabinoids for patients: Comparative efficacy and toxicity in paediatric setting Prof Noel Cranswick, Melbourne University	Application of pharmacometric modelling for studying drug effects Prof Carl Kirkpatrick, Monash University	Peer assessment to develop critical analysis and self-reflection in large undergraduate cohorts Dr Rosa McCarty, The University of Melbourne	CYP2J2 over-expression in breast cancer cells drives tumourigenesis and anti-cancer drug resistance Prof Michael Murray, The University of Sydney
11:15 – 11:40	High quality human cannabinoid analytics to drive clinical studies Dr Peter Galettis, University of Newcastle	Novel approaches in pharmacoepidemiological studies to communicate benefits and risk of medicines Dr Danijela Gnjidic, The University of Sydney	The development of interprofessional communication skills for collaborative practice Dr Karen Luetsch, The University of Queensland	New insights into UDP-glucuronosyltransferase regulation and function in cancer Dr Robyn Meech, Flinders University
11:40 – 12:05	Pharmacokinetic analysis of vaporized cannabinoids through inhalation Dr Zheng Liu, The University of Melbourne	Pharmacoepidemiological studies to inform medication safety in older adults with chronic diseases and dementia Assoc Prof Simon Bell, Monash University	Student perspectives on peer assessment, feedback and team work Jayden Kelly and Mohammadali (Ali) Taher, Monash University	Arylamine N-acetyltransferase-1: Drug metabolism and more Dr Neville Butcher, The University of Queensland
12:05 – 12:30	Pharmaceutical Aspects of Cannabis Assoc Prof Jennifer Schneider, University of Newcastle	Changing guideline recommendations on the pharmacological management of back pain Assoc Prof Christine Lin, The George Institute for Global Health	Panel discussion	Sulfotransferase: Structure, function and protein-protein interactions Prof Rodney Minchin, The University of Queensland
12:30 – 13:25	Lunch with exhibitors Poster presentations: Cardiovascular, Clinical Pharmacology, Drug Discovery, Toxicology, Pharmaceutical Science			APSA AGM with lunch (12:30 – 14:00)
13:30 – 15:30	Oral presentations 1: Cardiovascular	Oral presentations 2: Drug Discovery/ Pharmaceutical Science		
13:30 – 13:45	Cardiomyocyte ErbB4 receptors are essential for cardiac hypertrophy and growth of neonatal mice, and contribute to maintenance of cardiac function in adult hearts. Dr Melissa Reichelt, The University of Queensland	Quantification of metformin in human serum by hydrophilic interaction liquid chromatography - mass spectrometry Dr Ahmed Abdalla, University of South Australia		

13:45 – 14:00	Comparing the anti-fibrotic effects of emerging treatments: Serelaxin and the IRAP inhibitor, HFI-419 to a clinically-used angiotensin receptor blocker and ACE inhibitor in a high salt-induced mouse model of kidney disease. Mr Matthew Shen, Monash University	ORAI1 calcium channels in cell death during mammary gland involution Dr Felicity Davis, The University of Queensland		
14:00 – 14:15	Role of TRPC3 in endothelium-dependent vasodilation of rat mesenteric arteries Dr Sarah Wright, University of New South Wales	Pre-clinical pharmacokinetic development of the hypoxia-activated cytotoxin SN36506 Dr Matthew Bull, The University of Auckland, New Zealand	Oral presentations 3: Pharmacoepidemiology What are the predictors of persistent prescription opioid analgesic use for non-cancer pain in Australia? Mrs Samanta Lalic, Monash University	Oral presentations 4: Cancer theme Population pharmacokinetics of carboplatin, etoposide and melphalan (CEM) in children with high-risk neuroblastoma Dr Janna Duong, The University of Sydney
14:15 – 14:30	Targeting IRAP: A novel treatment to stabilise existing abdominal aortic aneurysms Mr Kaki Fan, Monash University	A new high-throughput approach for investigating GPCR internalisation in real-time Dr Simon Foster, University of Copenhagen, Denmark	Health professionals' and researchers' opinions on conducting clinical deprescribing trials Mr Alexander Clough, The University of Sydney	The novel fatty acid epoxide analogue CTU targets the mitochondrion and depletes cardiolipin to promote killing of MDA-MB-231 breast cancer cells Mr Hassan Choucair, The University of Sydney
14:30 – 14:45	Inhibition of the transient receptor potential melastatin 7 (TRPM7) channel-kinase improves cardiac function in an ex vivo model of ischaemia/reperfusion injury Dr Tamara Paravicini, RMIT University	CSKSSDYQC peptide conjugated N-trimethyl chitosan enhance the oral bioavailability of gemcitabine by targeting goblet cells Assoc Prof Jingyuan Wen, University of Auckland, New Zealand	Antithrombotic prescribing for patients with a history of atrial fibrillation: An analysis using MedicineInsight data Dr Daniel Taylor, NPS MedicineWise	The potential of MK2 inhibitors in glioblastoma therapy Assoc Prof Lenka Munoz, The University of Sydney
14:45 – 15:00	Functional regulation of bitter taste receptors by beta2-adrenergic and M2 muscarinic acetylcholine receptors Mr Jilai Zhao, The University of Queensland	Nicotine-loaded chitosan nanoparticulate dry powder inhaler formulation for its activity Dr Nazrul Islam, Queensland University of Technology	Questions from Australian public and health professionals on medication use in breastfeeding: Comparative call analysis of two national medicines call centres Dr Treasure McGuire, The University of Queensland	Induction of apoptosis in triple negative breast cancer cells by selenium derivatives Ms Jackmil Puthoor Jogy, University of Otago, New Zealand
15:00 – 15:15	Defining the progression of diabetic cardiomyopathy in a mouse model of type 1 diabetes Dr Miles De Blasio, Baker Heart & Diabetes institute	Monitoring NanoBRET ligand binding to endogenous adenosine A2B receptors Dr Elizabeth Johnstone, Harry Perkins Institute of Medical Research	Prevalence of potentially inappropriate medication use in older inpatients with and without cognitive impairment: A systematic review Mr Mitchell Redston, The University of Sydney	The effect of curcumin on in vitro metabolism and predicted in vivo exposure of imatinib Mr Jeffry Adiwidjaja, The University of Sydney
15:15 – 15:30	Systemic and cardiac-selective targeting of histone deacetylase 4 (HDAC4) to limit diabetic cardiomyopathy Mr Andrew Willis, Monash University	Dual action calcium sensing receptor modulator, calhex231, unmasks novel mode-switching mechanism Dr Karen Gregory, Monash University	Development of comorbidities in men with prostate cancer treated with androgen deprivation therapy: An Australian population-based cohort study Ms Huah Shin Ng, University of South Australia	Triterpenoid micellar nanoparticles for the treatment of glioblastoma: Potential inhibition of the PI3K/Akt signalling Dr Rebecca Roubin, The University of Sydney
15:30 – 15:55	Afternoon tea with exhibitors			

16:00 – 18:00	Oral presentations 5: Pharmacy Practice	Oral presentations 6: Drug Disposition and Response/Pharmaceutical Science	Oral presentations 7: Urogenital and Gastrointestinal	Oral presentations 8: Neuro- and Behavioural Pharmacology
16:00 – 16:15	Predictors of adverse drug reaction-related hospitalisation in Southwest Ethiopia: A prospective cross-sectional study Mr Mulugeta Angamo, University of Tasmania	Troches or orally dissolving tablets for delivery of pilocarpine in treatment of xerostomia (dry mouth)? Mrs Rose Estafanos, The University of Queensland	Pulsed magnetic stimulation for persistent post-prostatectomy stress urinary incontinence: A pilot study Dr Renly Lim, University of South Australia	Morphine dosing affects development of antinociceptive tolerance and motor behaviour Mr Alok Kumar Paul, University of Tasmania
16:15 – 16:30	Investigating the impact of universal healthcare coverage on the practice of Indonesian community pharmacy: A qualitative study Mr Andi Hermansyah, The University of Sydney	Lipophilic salts of small molecule kinase inhibitors for increased oral bioavailability using lipid formulations Dr Hywel Williams, Capsugel	Pharmacological effects of a jungle ginger on rat prostatic smooth muscle Ms Nguok Ngie Eunice Su, Monash University	Increased osmotic pressure promotes glioblastoma invasiveness Miss Wenjun Pu, The University of Queensland
16:30 – 16:45	Home Medicines Reviews - exploring accredited pharmacists' work processes Ms Marea Patounas, Queensland University of Technology	Triglyceride-mimetic prodrugs of testosterone significantly enhance lymphatic transport and oral bioavailability Dr Tim Quach, Monash University	Post-hospital changes in medication regimen complexity and potentially inappropriate medication use in older adults with chronic kidney disease Mr Wubshet Tesfaye, University of Tasmania	Discovering methyllycaconitine analogues specific for $\alpha 4 \beta 2$ over $\alpha 7$ nAChR subtypes Mrs Taima Qudah, The University of Sydney
16:45 – 17:00	Adoption of the Ohio Emergency Department opioid prescribing guidelines Dr Jonathan Penm, The University of Sydney	Characterising and predicting the in vivo kinetics of therapeutic mesenchymal stem cells and their secretome Dr Haolu Wang, The University of Queensland	Effect of Rho-kinase inhibitors on contractility of porcine corpus cavernosum Miss Amelia Jack, Bond University	Inhibition of $\alpha 5 \beta 1$ with the clinically validated small peptide ATN-161 is neuroprotective and functionally restorative in experimental stroke Ms Danielle Edwards, University of Kentucky, USA
17:00 – 17:15	Pharmacy in the community: The potential of role extension Dr Caroline Morris, University of Otago, New Zealand	Permeation of quercetin through the human epidermis Dr Azadeh Alinaghi, University of South Australia	The effects of aging on polarization in collagen sandwich-cultured hepatocytes Miss Sun Woo Kang, Anzac Research Institute	Morphine regulates cellular migration and invasion by modifying the circulating proteolytic profile in mice Miss Nan Xie, The University of Queensland
17:15 – 17:30	Just rubbish? Examining the concerns and attitudes of pharmacists to pharmaceuticals entering the environment. Mrs Judith Singleton, Queensland University of Technology	Evaluation of optimised piperacillin plus tobramycin combination dosage regimens against <i>Pseudomonas aeruginosa</i> (Pa) for patients with altered pharmacokinetics via the hollow fibre infection model and mechanism-based modelling Mr Rajbharan Yadav, Monash University	Human 5-HT_{3A}C receptors are subtly different to 5-HT_{3A} receptors Prof Helen Irving, La Trobe University	Stress induced analgesia is reduced in neuropathic pain states Mr Nicholas Atwal, The University of Sydney
17:30 – 17:45	Adherence to lipid lowering medications for secondary prevention of stroke Mrs Judith Coombes, The University of Queensland; Princess Alexandra Hospital	CMF-019, the first G protein biased small molecule apelin agonist, is a vasodilator and positive inotrope in vivo Mr Cai Read, University of Cambridge, UK	Characterization of Nav channels in colon-innervating dorsal root ganglion neurons in mice Ms Andelain Erickson, The University of Adelaide	Phytocannabinoid actions in an animal model of neuropathic pain Miss Jessica Falon, The University of Sydney
17:45 – 18:00	Cost-effectiveness of pharmacist management of hypertension Prof Carlo Marra, University of Otago, New Zealand	Polymer precipitation inhibitors can maintain drug supersaturation and increase in vivo absorption from lipid-based formulations Ms Estelle Suys, Monash University	Histamine receptor (Hrh) subtypes mediate bladder afferent sensitivity in mice Ms Ashlee Caldwell, The University of Adelaide	Nesfatin-1 suppresses feeding and induces emesis in <i>Suncus murinus</i> (House Musk Shrew) Dr Sze Wa Chan, Caritas Institute of Higher Education, Hong Kong
19:30 –	AAPS student dinner The Plough Inn, 29 Stanley St, South Brisbane			

Thursday 7 December 2017

08:00 – 17:00	Registration desk open			
08:30 – 09:30	British Pharmacological Society keynote address Innovations in clinical pharmacology education Dr Clare Guilding, Newcastle University Medicine Malaysia, Malaysia			
09:30 – 10:25	Morning tea with exhibitors Poster presentations: Drug Disposition and Response, Inflammation/respiratory, Neuro- and Behavioural Pharmacology, Pharmacoepidemiology, Pharmacogenomics, Urogenital and Gastrointestinal, Pharmacy Practice, Education			
10:30 – 12:30	Symposium 5: Why is polypharmacy increasing in aged care facilities and what can we do about it?	Symposium 6: New strategies to treat chronic inflammatory diseases	Symposium 7: Novel targets for the treatment of pain	Symposium 8: Improving Biomolecule behaviour
			Supported by  	
	Chair: Ms Natali Jokanovic	Chairs: Assoc Prof Ross Vlahos and Prof Emilio Badoer	Chairs: Prof Richard Lewis and Assoc Prof Irina Vetter	Chair: Prof Rod Minchin
10:30 – 11:00	Increasing polypharmacy in aged care facilities: Trends, problems and solutions Ms Natali Jokanovic, Monash University	Adipokines, cardiovascular function and brain inflammation Prof Emilio Badoer, RMIT University	Decoding spinal cord circuits to find novel targets for chronic pain Dr Wendy Imlach, Monash University	CESTEM-1 clinical trials: using dynamin inhibitors to reverse resistance to monoclonal antibody therapy Dr Fiona Simpson, The University of Queensland
11:00 – 11:30	How is Canada addressing the increasing burden of polypharmacy? Dr Justin Turner, University of Montreal, Canada	Mineralocorticoid and estrogen receptors: Novel therapeutic targets in cardiovascular disease and stroke? Prof Chris Sobey, Latrobe University	Nav1.7 as a pain target Dr Sulayman Dib-Hajj, Yale University, USA	i-bodies against the chemokine receptor CXCR4 with novel pharmacology Dr Michael Foley, La Trobe University
11:30 – 12:00	Integrating prescribing and dispensing data across primary care, hospitals and aged care: The MedView Project Mr David Freemantle, Fred IT Group	Binary GABA-A receptors as targets for motor recovery after stroke Prof Mary Collins, The University of Sydney	GPCRs and ion channels: The cause of and solution to chronic visceral pain? Assoc Prof Stuart Brierley, Flinders University; SAHMRI	Antibody-polymer-drug conjugates for biomedical applications Dr Charlotte Williams, CSIRO
12:00 – 12:30	Application of a structured approach to simplify medication regimens in residential aged care Dr Janet Sluggett, Monash University	Targeting oxidant-dependent pathways to treat cognitive dysfunction in chronic obstructive pulmonary disease Assoc Prof Ross Vlahos, RMIT University	Mechanosensors in pain Dr Kate Poole, University of New South Wales	Downsizing disulfide-rich bioactive peptides Dr Richard Clark, The University of Queensland
12:30 – 13:25	Lunch with exhibitors Poster presentations: Drug Disposition and Response, Inflammation/respiratory, Neuro- and Behavioural Pharmacology, Pharmacoepidemiology, Pharmacogenomics, Urogenital and Gastrointestinal, Pharmacy Practice, Education			
13:30 – 15:30	Oral presentations 9: Garth McQueen Student Oral prize	Oral presentations 10: Respiratory/Toxicology	Oral presentations 11: Pharmacy Practice	Oral presentations 12: Clinical Pharmacology
13:30 – 13:45	Gene delivery targeting cardiac O-GlcNAc modification limits diabetic cardiomyopathy Mr Darnel Prakoso, The Baker Heart and Diabetes, University of Melbourne	Vale Domenico (Dom) Spina Emeritus Prof Roy Goldie, Flinders University	Identifying clinical pharmacist patient prioritisation criteria Mrs Nazanin Falconer, The University of Queensland	Microdosed cocktail of apixaban, edoxaban and rivaroxaban can predict drug interaction with therapeutic doses Prof Gerd Mikus, University Hospital Heidelberg, Germany
13:45 – 14:00	The safety of metformin in haemodiafiltration Miss Felicity Smith, University of New South Wales; St Vincent's Hospital	IRAK3 modulates NFkB through its guanylate cyclase activity Ms Lubna Freihat, Monash University	Evaluation of a quantitative approach for analysis of semi-structured pharmacy consumer interviews Mr Ardalan Mirzaei, The University of Sydney	The influence of ABCG2 genotype on allopurinol dose predictions Dr Daniel Wright, University of Otago, New Zealand

14:00 – 14:15	Neuronal calcium sensor-1 (NCS-1) in the regulation of calcium homeostasis and cell death in MDA-MB-231 basal breast cancer cells Miss Alice Bong, The University of Queensland	Intranasal delivery of the TLR7 agonist, imiquimod, protects against influenza A virus-induced morbidity in mice Mr Jonathan Erlich, RMIT University	Response of community pharmacy staff to a request for an antibiotic product without a valid prescription: A simulated client study in Sri Lanka Mr Shukry Zawahir, The University of Sydney	Late onset rise of 6-MMP metabolites in inflammatory bowel disease patients on azathioprine or mercaptopurine Prof Murray Barclay, Christchurch Hospital, New Zealand
14:15 – 14:30	The relationship between busulphan AUC and the incidence of sinusoidal obstruction syndrome in haematopoietic stem cell transplants Mr Parth Upadhyay, The University of Sydney	A novel endosomal NOX2 oxidase inhibitor protects against high pathogenicity influenza A virus-induced disease Ms Eunice To, RMIT University	Development of a website to demystify polypharmacy through clinician input Nashwa Masnoon, University of South Australia	Minimising the functional burden of medications in older inpatients: Implementation of the Drug Burden Index Ms Rayan Nahas, Royal North Shore Hospital
14:30 – 14:45	An investigation of the vascular effects of Sailuotong, a standardised Chinese herbal formula, for vascular dementia Miss Seungyeon Yeon, Western Sydney University; The Science of Integrative Medicine (NICM)	Localisation of polymyxin in human alveolar epithelial cells Mr Maizbha Uddin Ahmed, Monash University	Psychotropic medicines use in Residents and Culture: Influencing Clinical Excellence (PRACTICE) tool: A development and content validation study Miss Mouna Sawan, The University of Sydney	A stimulation study to assess the possible contribution of measurement error in quetiapine depression trials Ms Jia Ning Careen Tan, The University of Queensland
14:45 – 15:00	Understanding the physiological role of endogenous allosteric modulators in the muscarinic acetylcholine receptors Ms Ee Von Moo, Monash University		“Good prescribing is a bit like good driving; everybody thinks they’re a good driver.” An exploratory study on the barriers and facilitators to using quality prescribing indicators (QPIs) in general practice Dr Li Shean Toh, University of Tasmania	A multicentre open-label pharmacokinetic-pharmacodynamic study of febuxostat in patients with chronic gout Mr Bishoy Kamel, University of New South Wales; St Vincent's Hospital
15:00 – 15:15	Behavioural, pharmacologic and histologic characterisation of a rat model of mechanical low back pain Mr Thomas Park, The University of Queensland	Getting under the skin – why receptor fluid choice is crucial in in vitro skin permeation tests Dr Ana Macedo, University of South Australia	Contextualised medication information is critical to treatment uptake and adherence among people living with HIV Dr Amary Mey, Griffith University	The safety and pharmacokinetics of metformin in heart failure Mrs Gina Chowdhury, University of New South Wales; St Vincent's Hospital
15:15 – 15:30	The Medication Regimen Simplification Guide for Residential Aged Care (MRS GRACE): A novel tool to optimise medication regimens for residents of aged care facilities. Ms Esa Chen, Monash University	Can an educational intervention lead to a sustained reduction in gastric lavage for poisoning admissions? Dr Jacques Raubenheimer, The University of Sydney	A study on usual Residential Medication Management Review (RMMR) practice Mrs Leila Shafiee Hanjani, The University of Queensland	Vignettes from hospital-level electronic prescribing data Dr Paul Chin, Canterbury District Health Board, New Zealand
15:30 – 15:55	Afternoon tea with exhibitors			
16:00 – 17:00	ASCEPT Rand Medal Lecture			
	Prof Nicholas Buckley, Sydney Medical School, The University of Sydney			
17:00 – 18:00	ASCEPT AGM			
19:00 – 23:00	Meeting dinner Boulevard Room, Brisbane Convention and Exhibition Centre			

07:30 – 15:45	Registration desk open			
08:30 – 09:30	APSA Medal Oration Prof Chris Porter, Monash Institute of Pharmaceutical Sciences (MIPS), Monash University			
09:30 – 10:25	Morning tea with exhibitors and poster presentations			
10:30 – 12:30	Symposium 9: The ethics of selling or recommending complementary medicines Sponsored by  QUALITY USE OF MEDICINES NETWORK  Chair: Dr Jasmina Fejzić	Symposium 10: The blood-brain barrier: A regulator of CNS drug access and disease progression Sponsored by  Chair: Dr Joe Nicolazzo	Symposium 11: Certara New Investigator Award Sponsored by  Chair: Carl Kirkpatrick	Symposium 12: APSA Early Career Researchers finalists
10:30 – 11:00	Complementary medicines, health professional responsibilities and trust Prof Eleanor Milligan, Griffith University	Regulating transporters at the blood-brain barrier to treat glioblastoma multiforme Prof William Elmquist, University of Minnesota, USA	The use of oral anticoagulants in people with dementia Jenni Ilomaki, Monash University	How to reliably measure customers' perceptions of service quality in community pharmacy Dr Stephen Carter, The University of Sydney
11:00 – 11:30	What are the potential harms of complementary medicines? Dr Geraldine Moses, Mater Hospital; The University of Queensland	The role of the neurovascular unit in neurodegenerative diseases Prof Cheryl Wellington, University of British Columbia, Canada	Strategies for precision use of targeted anti-cancer medicines Andrew Rowland, Flinders University	The safety of transdermal fentanyl initiation in Australian clinical practice Dr Natasa Gisev, University of New South Wales
11:30 – 12:00	Selling complementary medicines and the new Code of Ethics for Pharmacists Dr Adam La Caze, The University of Queensland	HIV infection and Alzheimer's disease: The integral role of the blood-brain barrier Prof Michal Toborek, University of Miami, USA	Big data: Driving Innovation for Geriatric Pharmacoepidemiology and Pharmacovigilance Research Prasad Nishtala, University of Otago	Personalized Microneedle Eye Patches by 3D Printing to Treat Peri-orbital Wrinkles with a Small Peptide Dr Lifeng Kang, The University of Sydney
12:00 – 12:30	Regulating complementary medicines and pharmacy practice Assoc Prof Laetitia Hattingh, Griffith University	The cerebral vascular basement membrane: A target for Alzheimer's disease and stroke Prof Gregory Bix, University of Kentucky, USA	Developing the next generation of analgesics Jennifer Deuis, The University of Queensland	The provision of enhanced and extended services in Western Australian Community Pharmacies Dr Petra Czarniak, Curtin University
12:30 – 13:25	Lunch with exhibitors and ASCEPT student poster finalists presentation Workshop: MedicineInsight – Big Data to Support Health Research and Practice, NPS MedicineWise			
13:30 – 15:00	Oral presentations 13: Drug Discovery / Pharmaceutical Science	Oral presentations 14: Clinical trainees	Oral presentations 15: Pharmacogenomics	Oral presentations 16: Education
13:30 – 13:45	Reversal of age related pseudocapillarization utilizing vascular endothelial growth factor related, nitric oxide dependent drug treatments on in vitro liver sinusoidal endothelial cells Dr Nicholas Hunt, Anzac Research Institute, The University of Sydney	A randomised controlled trial of patient information leaflets as a medication counselling tool Dr Richard McNeill, Canterbury District Health Board, New Zealand	No significant effect of CYP3A, ABCB1, POR and NR1I2 polymorphisms on acute rejection and nephrotoxicity in the first 3 months post kidney transplantation in patients receiving tacrolimus Ms Rong Hu, The University of Adelaide	Best Possible Medication History Gamification – development and pilot study Dr Paulina Stehlik, Bond University
13:45 – 14:00	Cell-specific and biased signalling of a peptide mimetic and small molecule at the relaxin receptor RXFP1 Dr Martina Kocan, Florey Institute of Neuroscience and Mental Health	"Therapy induced" Takotsubo Cardiomyopathy: Does it matter? Dr Gao Jing Ong, Queen Elizabeth Hospital	HLA-B status leading to potential severe adverse drug reactions in Aboriginal Australians Prof Andrew Somogyi, University of Adelaide	Engaging students in learning outcomes and career relevance through a multi-dimensional, interactive map – MyCourseMap Assoc Prof Lisa Tee, Curtin University

14:00 – 14:15	Investigation of the insulin mimetic effect of Teucrium polium in vitro Dr Rima Caccetta, Curtin University	A physiological based pharmacokinetic model to guide dosing of ivacaftor in the presence of pharmacoenhancers. Dr Angela Rowland, Flinders Medical Centre	Potential simple and multifactorial drug and gene interactions of tricyclic antidepressants in older Australians Mr Mohitosh Biswas, The University of Newcastle	“Visual thinking strategies” in early pharmacy undergraduate education can support the development of professional communication and cultural competencies Dr Trudi Aspden, University of Auckland, New Zealand
14:15 – 14:30	Measuring ligand-binding in endosomes: A signalling platform for pain transmission Dr Nicholas Veldhuis, Monash University	Evaluation of the role and impact of brain computed tomography scans in the assessment of clinically diagnosed overdose cases and an attempt to formulate a procedural framework. Dr Emma Tay, St Vincent's Hospital	Signalling modification by Single Nucleotide Polymorphisms in the third intracellular loop of the mu-opioid receptor Dr Marina Junqueira Santiago, Macquarie University	Experiences developing a pharmacology online careers portal: Evaluating impact on student career awareness Dr Barbara Kemp-Harper, Monash University
14:30 – 14:45	Mutations in the NPxxY motif stabilise different conformational states of the $\alpha 1B$- and $\beta 2$-adrenoceptors Dr Lotten Ragnarsson, The University of Queensland	Real-time review of electronic prescribing of restricted antimicrobials - a pilot of a new antimicrobial stewardship initiative for Christchurch Hospital Dr Niall Hamilton, Canterbury District Health Board, New Zealand	ABCB1 pharmacogenetics in Papua New Guinea HIV/AIDS patients and association with efavirenz CNS/Psychiatric adverse effects Miss Helena Van Schalkwyk, University of Adelaide	Exploring the use of a novel computer-based interactive pharmacy simulation program in university and professional pharmacy practice education Dr Kenneth Lee, University of Tasmania
14:45 – 15:00	Drug delivery to the intestinal lymphatics enhances the immunosuppressant effects of mycophenolic acid in mice Mrs Ruby Panakkal Kochappan, Monash University	Thyroid immune-related adverse events following PD-1 inhibitors for cancer: Characteristics and associations Dr Frida Djukiadmodjo, Austin Health	Interleukin genetics and not COMT or OPRM1 may affect risk of persistent pain following total knee arthroplasty Dr Daniel Barratt, University of Adelaide	The journey of a prescription: An interprofessional education simulation of the patient and prescription flow through prescriber and dispenser Dr James Green, University of Otago, New Zealand
15:00 – 15:15	Comfort break			
15:15 – 15:45	Awards and meeting close			