



APSA - ASCEPT JOINT SCIENTIFIC MEETING 2015

Drugs to medicines: up close and personal

29 November - 2 December 2015 • Hotel Grand Chancellor Hobart

Draft Scientific Program as at 17 September 2015


Saturday 28 November 2015

14:00 – 16:00	APSA – ASCEPT OSCE workshop Venue: University of Tasmania, Medical Sciences Precinct, Medical Science 2 Building, Level 4, Room 444
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Sunday 29 November 2015

	10:00 – 13:00 ASCEPT board meeting	10:00 – 12:00 Pharmacogenomics workshop	12:30 – 16:30 APSA – ASCEPT Education Forum Benchmarking Dr Sara Booth, The University of Tasmania Blended learning Education forum AGM Sponsored by Therapeutic Guidelines
14:30 – 16:30	APSA - ASCEPT Careers workshop	APSA - ASCEPT Clinical Pharmacology workshop	
17:00 – 17:10	Conference opening		
	Assoc Prof Parisa Aslani, President, APSA Assoc Prof Peter Molenaar, President, ASCEPT		Sponsored by  UNIVERSITY of TASMANIA
17:10 – 18:00	Opening keynote address		
	And then there were three – lessons from a convoluted drug development project Prof Martin Michel, Professor of Pharmacology, Johannes Gutenberg University, Germany		
18:00 – 19:30	Welcome reception Hotel Grand Chancellor Hobart, Mezzanine Level		

Monday 30 November 2015

08:30 – 9:30		British Pharmacological Society keynote address			Sponsored by  CENTRE FOR EDUCATION & RESEARCH ON AGEING	
		Pharmacogenetics including personalisation of treatment in cardiovascular disease through next generation sequencing in adverse drug reactions Dr Ana Alfirevic, University of Liverpool, UK				
09:30 – 10:25		Morning tea and poster presentations				
10:30 – 12:30	Symposium 1: Misuse of pharmaceuticals and herbal medications: Epidemiology and implications	Symposium 2: Discovery and development of novel anti-fibrotic therapies	Symposium 3: Pharmacokinetic challenges to drug development and clinical implementation	Symposium 4: Recent advances and therapeutic developments in purinergic signalling		
	Pharmaceutical drug misuse: Implications for post-market surveillance Prof Nicholas Buckley, The University of Sydney Opioid substitution therapy among prisoners: Longitudinal findings from a data linkage study Dr Natasa Gisev, University of New South Wales Misuse of herbal medicines: An emerging issue Dr Ian Musgrave, The University of Adelaide Trends in acute pharmaceutical drug-related harms Assoc Prof Belinda Lloyd, Monash University	Bench to bedside – development of novel treatment for diabetic nephropathy Prof Darren Kelly, University of Melbourne Role of oxidative stress in development of pulmonary fibrosis? Assoc Prof Ross Vlahos, RMIT University Relaxin: A pleiotropic hormone with potent anti-fibrotic actions Assoc Prof Chrisan Samuel, Monash University Novel targets to treat cardiac fibrosis Dr Tracey Gaspari, Monash University	The Pharmacokinetic intersection of academia, hospital and pharmaceutical industry Dr Vidya Perera, University of Sydney Dose individualisation of sunitinib and tamoxifen Assoc Prof Howard Gurney, Westmead Hospital Across the continuum: DMPK experiences from preclinical to market Dr Bill Smith, Gilead Sciences	Sensory purinergic mechanism in the gastrointestinal system Prof Simon Brookes, Flinders University Effect of infection and inflammation on purinergic signalling in the urinary bladder: a trigger for Detrusor Overactivity? Prof Kylie Mansfield, University of Wollongong P2X1-purinoceptor antagonists as potential male contraceptives Dr Sab Ventura, Monash University Postjunctional GPCR regulation of lower urinary tract purinergic responses Prof Russ Chess-Williams, Bond University		
12:30 – 13:25	Lunch with exhibitors and poster presentations			APSA Council Meeting		
13:30 – 15:30	Oral presentations 1	Oral presentations 2	Oral presentations 3	Oral presentations 4		
15:30 – 15:55	Afternoon tea with exhibitors					
16:00 – 18:00	Oral presentations 5	Oral presentations 6	Oral presentations 7	Oral presentations 8		

Tuesday 1 December 2015

07:45 – 08:20	APSA AGM			
08:30 – 9:30	APSA Medal Oration			
09:30 – 10:25	Morning tea and poster presentations			 Sponsored by
10:30 – 12:30	Symposium 5: Influence of kidney function on drug disposition and response	Symposium 6: Novel approaches for delivery of biologics	Symposium 7: Preparing graduates for the workplace	Symposium 8: Ethnicity and personalised medicine
	Overview of changes in drug disposition with impaired kidney function Dr Darren Roberts, Australian National University Medical School; The Canberra Hospital Optimising drug dosing in acute kidney injury and renal replacement therapies Prof Jason Roberts, The University of Queensland Novel imaging techniques for assessing renal disposition <i>in vivo</i> Dr Xin Liu, The University of Queensland Augmented renal clearance: Effects on drug disposition and clinical response Assoc Prof Andrew Udy, Alfred Hospital; Monash University	Delivery of pegylated peptides via the pulmonary route Dr Lisa Kaminskis, Monash University Formulation of DNA for intramuscular administration Prof Colin Pouton, Monash University Exploiting mucosal surfaces for delivery of antigens Prof Michael Roberts, University of South Australia; The University of Queensland Delivery platforms for maximising immunisation responses Prof Sarah Hook, University of Otago	What outcomes do we want for our graduates? Prof Brian Yates, The University of Tasmania Embedding inquiry-oriented learning into science practical classes Dr Kirsten Zimbardi, The University of Queensland Developing career ready graduates Dr Laurence Orlando, Monash University A student perspective on "career-ready" Ms Claire Johnston, Australian National University	Ethnopharmacology: From drugs to medicines for all populations Dr Annette Gross, GlaxoSmithKline CYP2C19 genetics in Maori and Pacific peoples Dr Nuala Helsby, University of Auckland Personalised medicines for Aboriginal Australians Prof Andrew Somogyi, University of Adelaide Interethnic differences in pain, analgesia and neuroimmunogenetics Dr Daniel Barratt, University of Adelaide
12:30 – 13:25	Lunch with exhibitors and poster presentations			
13:30 – 15:30	Oral presentations 9 ASCEPT Garth McQueen Oral Prize	Oral presentations 10	Oral presentations 11	Oral presentations 12
15:30 – 15:55	Afternoon tea with exhibitors			
16:00 – 17:00	ASCEPT Rand Medal lecture			
17:00 – 18:00	ASCEPT AGM			
19:00 – 22:30	Meeting dinner Hobart Function and Conference Centre, 1 Elizabeth Street Pier, Hobart			

Wednesday 2 December 2015

08:30 – 9:30	Japanese Pharmacological Society keynote address			
	Transporters in pharmacology and molecular target drug discovery Prof Yoshikatsu Kanai, Osaka University, Graduate School of Medicine, Japan			
9:30 – 10:25	Morning tea and poster presentations			
10:30 – 12:30	Symposium 9: Adverse drug reactions, is electronic prescribing a panacea?	Symposium 10: An up-close look at novel targets for breast cancer	Symposium 11: Novel approaches to drug safety: Beyond randomised controlled trials	Symposium 12: Denis Wade Johnson & Johnson New Investigators
	The burden of ADRs Assoc Prof Simon Bell, Monash University The misdiagnosis of ADRs Assoc Prof Matt Doogue, Otago University ADRs: moving from paper to electronic systems Prof Johanna Westbrook, Australian Institute of Health Innovation, Macquarie University eSystems decision support, a panacea for ADRs? Dr Sepehr Shakib, Royal Adelaide Hospital	Morphine modulates breast cancer metastatic potential Assoc Prof Marie-Odile Parat, The University of Queensland Inflammation resolution mediators in breast cancer Prof Alastair Stewart, University of Melbourne UDP-glucuronosyltransferases (UGTs) and steroid hormone regulation in breast cancer Dr Robyn Meech, Flinders University Development of a novel class of omega-3-fatty acid epoxide analogues with <i>in vivo</i> activity against breast cancer Prof Michael Murray, University of Sydney	Ms Tara Quirke, Consumer Dementia Research Network, Alzheimer's Australia Genetic screening for people at risk of adverse drug events: Costs vs. benefits from the individual and societal perspective Prof Danny Liew, The University of Melbourne Non-experimental evaluation of medical products: challenges and established approaches Assoc Prof Alan Brookhart, University of North Carolina Register-based pharmacoepidemiology – Insights from research using the Nordic prescription databases Dr Jenni Ilomäki, Monash University	The small-molecule formyl peptide receptor agonist compound 17b limits myocardial reperfusion injury in vivo: Unmasking ligand biased agonism as a novel cardioprotective mechanism Dr Chengxue Qin, Baker IDI Heart & Diabetes Institute Adrenoceptors promote glucose uptake into adipocytes and muscle by an insulin-independent signalling pathway involving mTORC2 Dr Masaaki Sato, Monash University Denise Wooten, Monash University Felicity Davis, The University of Queensland; University of Cambridge
12:30 – 13:25	Lunch and student poster finalists presentations			
13:30 – 15:00	Oral presentations 13	Oral presentations 14	Oral presentations 15	Oral presentations 16
15:00 – 15:15	Short comfort break			
15:15 – 16:15	APSA lecture			
16:15 – 16:45	Awards and close			