

ANNUAL SCIENTIFIC MEETING

Innovation in therapeutics: Fundamental research to clinical impact

27–30 November 2018


ADELAIDE CONVENTION CENTRE



Preliminary Scientific Program as at 25 June 2018

Subject to change

Tuesday 27 November 2018

08:00 – 10:30	ASCEPT Board meeting		
09:00 – 18:00	Registration desk open		
10:30 – 16:45		Pharmacogenomics Workshop (10:30 – 12:30)	Workshop: Careers and Early Stage Biomedical Translation (10:30 – 16:45) Supported by Accelerating Australia  Supported by MTPConnect MedTech and Pharma Growth Centre
		Incorporating Pharmacogenomics SIG AGM	
	Clinical Pharmacology Workshop (13:00 – 16:45)	Education Forum (13:00 – 16:45)	
	Incorporating Clinical Pharmacology SIG AGM	Incorporating Education Forum AGM	
17:00 – 18:00	Conference opening and British Pharmacological Society keynote address		
18:15 – 20:00	Welcome reception		
	G030 Lecture Theatre, University of Adelaide Health and Medical Sciences Building , North Terrace		

Wednesday 28 November 2018

07:30 – 18:00	Registration desk open		
08:30 – 09:30	British Toxicology Society keynote address		
09:30 – 10:25	Morning tea with exhibitors Poster presentations: Cardiovascular, Clinical Pharmacology, Drug Discovery, Toxicology (subject to change)		
10:30 – 12:30	Symposium 1: Opioid analgesia and tolerance: from bench to bedside	Symposium 2: Towards the clinic: innovation in urology and gastrointestinal therapies	Symposium 3: Novel cardiovascular drug discovery targets
	Chair: Dr Irina Vetter	Chair: Dr Lu Liu	Chairs: Dr Karen Gregory and Prof Rebecca Ritchie
10:30 – 11:00	Spatial and temporal dimensions of MOR signalling: Implication for the development of tolerance Dr Meritxell Canals, Monash University	Beneficial effects of prazosin treatment during radiotherapy for prostate cancer Dr David Christie, GenesisCare	Exploiting biased agonism for managing cardiac ischaemia Dr Helena Qin, Baker Heart and Diabetes Institute
11:00 – 11:30	Cellular mechanisms of opioid tolerance and dependence Prof Mac Christie, The University of Sydney	Therapeutic potential of medical cannabis in gastrointestinal disorders Dr Scott Smid, The University of Adelaide	Disease-specific context of biased agonism and its application for cardiovascular disease Dr Lauren May, Monash Institute of Pharmaceutical Sciences, Monash University
11:30 – 12:00	Opioids and the neuroimmune genetics of acute postoperative pain, and analgesia Dr Daniel Barratt, The University of Adelaide	Non-hormonal male contraception using a combination of adrenoceptor and purinoceptor antagonists Dr Sab Ventura, Monash Institute of Pharmaceutical Sciences, Monash University	Insulin regulated aminopeptidase – what is it and why should we target it in cardiovascular disease? Dr Tracey Gaspari, Monash University
12:00 – 12:30	Non-opioid receptor-mediated actions of opioids: Preclinical and clinical studies A/Prof Marie-Odile Parat, The University of Queensland	Towards a personalised approach for the treatment of BPH Dr Betty Exintaris, Monash Institute of Pharmaceutical Sciences, Monash University	Orphan GPCRs in cardiovascular disease Dr Nicola Smith, Victor Chang Cardiac Research Institute

12:30 – 13:25	Lunch, meetings and poster presentations Poster presentations: Cardiovascular, Clinical Pharmacology, Drug Discovery, Toxicology (subject to change)		
13:30 – 15:30	Oral presentations 1: Clinical Trainees	Oral presentations 2:	Oral presentations 3:
15:30 – 15:55	Afternoon tea with exhibitors		
16:00 – 18:00	Oral presentations 4: Garth McQueen Student Oral prize	Oral presentations 5:	Oral presentations 6:

Thursday 29 November 2018

08:00 – 17:00	Registration desk open		
08:30 – 09:30	Gillian Shenfield Early Educator Award Early Achievement Award for Women		
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, Education (subject to change)		
10:30 – 12:30	Symposium 4: Novel mechanisms and targets in sensory pathways Chairs: Dr Nicholas Veldhuis and Dr Luke Grundy	Symposium 5: Innovative targets and drug delivery systems for inflammatory diseases Chairs: Prof Emilio Badoer and Prof Ross Vlahos	Symposium 6: Pharmacotherapies to delay ageing Chair: Assoc Prof Victoria Cogger and Dr Nicholas Hunt
10:30 – 11:00	Functional Divergence of Delta and Mu Opioid Receptor Organization in Pain Circuits Assistant Professor Greg Scherrer, Stanford University, USA	Nanoparticles as delivery vehicles in inflammatory disease Prof Magdalena Plebanski, RMIT University	Ageing and caloric restriction research: A biological perspective with translational potential Assoc Prof Rozalyn Anderson, University of Wisconsin-Madison, USA
11:00 – 11:30	Importance of CGRP alpha in pain processing from the large intestine Prof Nick Spencer, Flinders University	Endosomal ROS as a novel target in respiratory inflammatory disease Dr Stavros Selemidis, RMIT University	Why target ageing and not the diseases themselves? Prof David Le Couteur, Centre for Education and Research on Ageing, Concord Hospital and The University of Sydney
11:30 – 12:00	Using novel toxin peptides to understand peripheral pain mechanisms Dr Luke Grundy, Flinders University	Angiotensin II Type 2 receptors as targets in inflammatory and fibrotic disease Prof Robert Widdop, Monash University	New drugs to prevent premature ageing Dr Lindsay Wu, Laboratory for Ageing Research, University of New South Wales
12:00 – 12:30	Opioid receptor allosteric modulators for normalising receptor trafficking and gut motility Dr Daniel Poole, Monash University	Electroceuticals as innovative strategies to target inflammatory bowel disease Dr Martin Stebbing, Howard Florey Institute and Melbourne University	Targeting the liver sinusoidal endothelium with nanomedicines Assoc Prof Victoria Cogger, Centre for Education and Research on Ageing, The University of Sydney
12:30 – 13:25	Lunch with exhibitors Poster presentations: Drug Disposition and Response, Inflammation/respiratory, Neuro- and Behavioural Pharmacology, Pharmacoepidemiology, Pharmacogenomics, Urogenital and Gastrointestinal, Education (subject to change)		
13:30 – 15:30	Certara New Investigator Award Sponsored by  Chair: Prof Carl Kirkpatrick		
15:30 – 15:55	Afternoon tea with exhibitors		
16:00 – 17:00	ASCEPT Lecture		
17:00 – 18:00	ASCEPT AGM		
19:00 – 23:00	Meeting dinner National Wine Centre of Australia, Corner Botanic and Hackney Roads		

Friday 30 November 2018

08:00 – 15:45	Registration desk open		
08:30 – 09:30	Keynote presentation		
09:30 – 10:25	Morning tea with exhibitors		
10:30 – 12:30	Symposium 7: Structural insights drive innovation in drug discovery and design Chairs: Dr Andrew Keller and Dr David Thal	Symposium 8: Innovation in the treatment of depression Chair: Dr Daniel Barratt	Oral presentations 7:
10:30 – 11:00	Structural basis of Class B GPCR activation and signalling Dr Denise Wootten, Monash Institute of Pharmaceutical Sciences, Monash University	New insights into neuroimmune mechanisms of depression Prof Bernard Baune, The University of Adelaide	
11:00 – 11:30	Designing modulators of protein-protein interactions as anticancer agents Dr Jess Holien, St Vincent’s Institute of Medical Research	Pharmacogenomics of antidepressants Dr Dorothea Lesche, The University of Melbourne	
11:30 – 12:00	Discovery of first-in-class adenosine A1 receptor negative allosteric modulators by virtual ligand screening Dr Anh Nguyen, Monash Institute of Pharmaceutical Sciences, Monash University	Ketamine for treatment resistant depression Prof Andrew Somogyi, The University of Adelaide	
12:00 – 12:30	Structure guided design of novel modulators for diabetes and cancer Dr John Bruning, The University of Adelaide	Role of pharmacometrics and precision medicine in the treatment of depression Assoc Prof David Foster, The University of South Australia	
12:30 – 13:25	Lunch with exhibitors and ASCEPT student poster finalists presentation		
13:30 – 15:00	Oral presentations 8:	Oral presentations 9:	Oral presentations 10:
15:00 – 15:15	Comfort break		
15:15 – 15:45	Awards and meeting close		