

Scientific Program

Thursday (14th)		Speaker	Room
13:30-13:45	Welcome & Housekeeping (Dinner info)	Nick Shaw Brisbane PAGANZ OC	5035
Student session 1- Nick Holford (Chair)			
13:45-14:00	Identifiability of Population Pharmacokinetic-Pharmacodynamic Models	Vittal Shiva	
14:00-14:15	Identification of continuous covariate relationships	Elisabet Storset	
14:15-14:30	Evaluation of methods to handle nuisance covariates that are non-ignorable	Chakradhar Lagishetty	
14:30-14:45	Weight-HbA1c-Insulin-Glucose (WHIG) Model for long term disease progression of Type 2 Diabetes	Steve Choy	
14:45-15:45	Afternoon Tea & Poster 1-5 Viewing		On Level 5 outside the seminar room
Student session 2- Bruce Green (Chair)			5035
15:45-16:00	Pharmacokinetics of Phenobarbitone in Neonates - A Population Model based on Routine Therapeutic Drug Monitoring.	Angela Williams	
16:00-16:15	Can literature models describe the neutropenic time course produced by hyper-CVAD chemotherapy in non-Hodgkin lymphoma?	Geeta Sandhu	
16:15-16:30	Modelling analgesia-concentration relationships for morphine in an experimental pain setting	Eva Sverrisdóttir	
16:30-16:45	Application of Population Modelling to Improve the Estimation of Drug Withdrawal Times in Racehorses	Samantha Nelis	
17:00-18:30	Annual General Meeting		5035
19:30-22:30	Conference Dinner		Lock'n Load Bistro, 142 Boundary Street, West End

Friday (15th)			
	Free Oral Presentations - Stephen Duffull (Chair)		
08:30 - 08:50	Busulfan pharmacokinetics in neonates, infants, children and adults	Nick Holford	5035
08:50 - 09:10	Using a Bayesian Modelling Approach with Balanced Informative Prior to Develop an Optimal Paediatric Dosing Paradigm using Scarce PK Data	Kerenaftali Klein	
09:10 - 09:30	Concordance between criteria for covariate model building	Stefanie Hennig	
09:30 - 09:50	Investigations of the representation of covariate changes in NONMEM	Richard Upton	
09:50-10:10	Application of Item Response Theory to ADAS-cog Scores Modelling in Alzheimer's Disease	Sebastian Ueckert	
10:10-11:00	Morning Tea & Poster 6-9 Viewing		Interaction Space , Level 4
11:00-11:45	International Society of Pharmacometrics Lecture Bruce Charles: "Broadening the Impact: Identifying some novel clinical applications of pharmacometrics research "	Chair: Christine Staatz	5035
11:45 - 12:45	Panel Discussion: "Pharmacometrics past and future in Australia and New Zealand" <i>Panel members:</i> Nick Holford: Overview of the History of Pharmacometrics in Australia & New Zealand Steve Duffull: Academic view on future aims and challenges. Where should academics invest their time to grow Pharmacometrics in Australia & New Zealand? Bruce Green: Consultant perspective on future aims and challenges. Where should resources being invested in Australia & New Zealand to enhance Pharmacometric work? David Foster: Setting up the Australian Centre of Pharmacometrics, Pharmacometrics as Translational Research Michael Barras: Clinical perspective: How can Pharmacometrics help clinicians and how can clinicians be encouraged to collaborate? Carl Kirkpatrick: Interpretation of the TGAs current approaches to Pharmacometrics	Chair: Stefanie Hennig & Glynn Morrish	

12:45-13:45	Lunch		Interaction Space , Level 4
	Free Oral Presentations - Christine Staats (Chair)		
13:45-14:05	Development of a simplified mathematical model of the human physiome - An application relating to the cardiovascular system	Julia Korell	5035
14:05-14:25	Population pharmacokinetics of vancomycin in orthopaedic patients	Yoke-Lin Lo	
14:25-14:45	Mechanism-based modelling and sequential dosing to elucidate subpopulation synergy for antibiotic combinations	Cornelia Landersdorfer	
14:45-15:00	Bayesian analysis of pooled dihydroartemisinin concentration data from severe malaria patients	Sophie Zaloumis	
15:00-15:15	Presentation of the Nick Holford student prize & Finish	Nick Holford (Chair) & Jury Panel	
15:15-16:00	Afternoon Tea		Interaction Space , Level 4

Poster Presentations

No.	Title	Presenter	Chair: Aaron Basing/Bruce Charles
1	Population pharmacokinetic modelling of fentanyl for pain management in cancer patients	Sudeep Bista	5035
2	A Review of Population Pharmacokinetic and Pharmacodynamic Studies of Mycophenolate in Autoimmune Disease Patients	Azrin Abd Rahman	
3	Comparison of the probability of target attainment (PTA) of anidulafungin for antifungal prophylaxis against Candida species	Tan Doan	
4	Relating intracellular methotrexate polyglutamate concentrations in red blood cells with clinical response in rheumatoid arthritis	Shan Pan	
5	Bayesian Forecasting of Ribavirin in Hepatitis C patients: Population model and validation.	Shaun Kumar	
6	Exposure-Response Relationship to Assess the Risk of Neutropenia in Patients With Hepatocellular Carcinoma Treated with Tivantinib	Helen Kastrissios	
7	Voriconazole Population Pharmacokinetics	Michael Dolton	
8	Modeling of glucose absorption	Oskar Alskär	
9	Semi-mechanistic PKPD model of thrombocytopenia characterizing the effect of a new histone deacetylase inhibitor (HDACi) in development, in co-administration with doxorubicin.	Camille Vong	