

Sunday, 29 November 2009

9:00 am	to 5:00 pm	Registrations	Parkside office
9:30 am	to 12:00 pm	Pharmacogenomics Special Interest Group Meeting	Parkside G04
10:00 am	to 12:00 pm	Careers Workshop: Translating Research Discoveries into Commercial Outcomes <i>Chaired by Grant Drummond</i>	Parkside 110
	10:00		Fiona Cameron
	10:30		Maryam Khajeh
	11:00		Daniel Grant
	11:30		Grant Drummond
12:00 pm	to 12:30 pm	Morning tea	Parkside foyer level 1
12:30 pm	to 1:30 pm	Student workshop: Statistics <i>Chaired by Vijay Urmaliya</i>	Parkside 110
12:30 pm	to 1:30 pm	Lunch	Parkside foyer level 1
1:30 pm	to 2:30 pm	Obesity - are drugs the answer? <i>Chaired by Margaret Morris</i>	Parkside 110
2:30 pm	to 3:00 pm	Afternoon tea	Parkside foyer level 1
3:00 pm	to 6:00 pm	Teaching Connects Research and Professional Practice <i>Chaired by Elizabeth Davis</i>	Parkside 110A
	15:00	Current Status and Future Directions in Pharmacogenomics <i>Somogyi A</i>	Andrew Somogyi
	15:45	Electronic Resources as Aids to Interpreting Pharmacogenomic Tests for Specific Drugs <i>Sheffield LJ</i>	Les Sheffield
	16:30	Thiopurine Pharmacogenomics: Back to the Future? <i>Duley JA</i>	John Duley
	16:50	TBA <i>Ward M</i>	Michael Ward
	17:10	Breakout discussion	Elizabeth Davis
	17:40	Feedback from Breakout Discussion	Elizabeth Davis

Sunday, 29 November 2009

3:00 pm to 6:00 pm	ADME/PK and Development of Biopharmaceuticals and Natural Products	Parkside 110B
	<i>Chaired by Russell Addison</i>	
15:00	Challenges of pre-clinical development and bioanalysis of biopharmaceuticals and natural products <i>Addison RS Wyse BD</i>	Russell Addison
15:30	Development of peptide vaccines for treatment of human diseases	Bob Anderson
16:00	Natural Antibodies as Therapeutics: Harnessing the Human Immune System to Fight Cancer	Amos Hedt
16:30	Herbal R&D Challenges: Difficulties, Assumptions and Realities	Anita Matthias
17:00	A New Herb-Drug Intercation Database for Clinical Recommendations <i>Roufogalis BD Duke CC Lovett-Jones A McLachlan A</i>	Basil Roufogalis
17:30	Human Clinical Trials of Biopharmaceuticals and Vaccines: Perils and Pitfalls <i>Hooper WD</i>	Wayne Hooper
5:00 pm to 6:30 pm	RACP supervisor workshop	Parkside G04
	<i>Chaired by Simone Chetcuti</i>	
6:00 pm to 7:00 pm	Poster session/Welcome drinks	Parkside foyer level 1

Monday, 30 November 2009

7:30 am to 5:00 pm	Registrations	Parkside office
8:25 am to 10:30 am	Rand Anglo Australasian Lecturer/Janapese Pharmacological Society Lecturer Chaired by Kathie Knights	Parkside 110
8:30	Pharmacogenetics: Progress so far, Prospects and Challenges <i>Daly AK</i>	Ann Daly
9:30	Prostaglandins and Inflammation; A New Concept from Receptor-KO Mice Studies <i>Narumiya S</i>	Shuh Narumiya
10:30 am to 11:00 am	Urogenital and Gastrointestinal Pharmacology Special Interest Group Meeting	Parkside G04
10:30 am to 11:00 am	Drug Discovery Special Interest Group Meeting	Parkside G07
10:30 am to 11:00 am	Morning tea	Parkside foyer level 1
11:00 am to 1:00 pm	Fatty Acid and Drug Metabolism Chaired by Michael Murray	Parkside G04
11:00	Impaired transactivation of the human CYP2J2 arachidonic acid epoxygenase gene in HepG2 cells subjected to nitrate stress <i>Murray M Cui PH Lee AC Zhou F</i>	Michael Murray
11:15	Differential Inhibition of Cell Proliferation and the Cyclin D1/CDK4 Complex by Cytochrome P-450-Derived Epoxides of the w-3 Polyunsaturated Eicosapentaenoic Acid <i>Cui PH Petrovic N Murray M</i>	Sarah Cui
11:30	Peroxisome Proliferation and Regulation of Fatty Acid Metabolising Enzymes in Marsupials – An Overview <i>Ngo SNT Stupans I McKinnon RA</i>	Suong Ngo
11:45	Pharmacogenetics of Cyclophosphamide Bioactivation in Lupus Nephritis: a Combined Role for CYP2C19 and CYP2B6 <i>Helsby NA de Zoysa JR Coller JK Gow PJ Tingle MD</i>	Nuala Helsby
12:00	P-GP Mediated Efflux for both Sedating and Less-Sedating Antihistamines, a Comparative Study <i>Crowe A Wright C</i>	Andrew Crowe
11:00 am to 1:00 pm	Size, Maturation and Body Composition Chaired by Matt Doogue and Andrew McLachlan	Parkside 110B
11:00	Body Composition -- Theory of Lean Body Weight Determination and its Application to Drug Dosing	Bruce Green
11:35	Maturation-Premature Neonates, Full Term Infants, Children, Adults. Descriptions of GFR and Drug Clearance From Very Young Babies to Young Adults <i>Anderson B</i>	Brian Anderson
12:10	Degeneration -- Is there Anything Left Associated with Older Age After Accounting for Differences in Size, Body Composition, Renal Function and Plasma Protein Binding?	Evan Begg
12:45	Panel Discussion	Carl Kirkpatrick

Monday, 30 November 2009

11:00 am to 1:00 pm	Drug Discovery for Diseases of the Brain	Parkside 110A
	<i>Chaired by Michael Kassiou and Margaret Morris</i>	
11:00	Some Approaches for the Design of Receptor Subtype-Selective Agents <i>Glennon RA</i>	Richard Glennon
11:35	Small Molecules and Neural Stem Cells in Brian Physiology and Brain Cancer	Heiko Wurdak
12:10	Understanding the Translocator Protien: A Path to New Therapeutic Agents for Brain Disease <i>Kassiou M</i>	Michael Kassiou
12:35	Ethnic and Genetic Determinants of Drug Response: Challenges and Opportunities in the Development of Drugs for Diseases of the Brain and Mind <i>Gross AS</i>	Annette Gross
1:00 pm to 2:00 pm	Education Special Interest Group Meeting	Parkside G04
1:00 pm to 2:30 pm	Lunch and posters	Parkside foyer level 1
	Determinants of Red Blood Cell Methotrexate Polyglutamate Concentrations in Patients with Rheumatoid Arthritis on Long-Term Methotrexate <i>Barclay ML Stamp LK O'Donnell JL Chapman PT Zhang M Frampton C James J</i>	Murray Barclay
	Combinational Therapy for Adjuvant Arthritis: A Role for S100A8 <i>Binder W Patel J Zreiqat H Youssef P</i>	Trudie Binder
	Serum Amyloid A (SAA) is Produced Locally in COPD Airway Macrophages in a Glucocorticosteroid (GCS) Refractory Manner <i>Bishara M Zhang Y Thompson M Irving L Anderson G Bozinovski S</i>	Maria Bishara
	Screening for Potential Drug-drug Interactions by Intern Doctors: A Survey Of Clinical Practice <i>Deacon PM Griffith-Jones T Polasek TM Mangoni AA Doogue MP</i>	Philip Deacon
	Optimising Metformin Therapy in Patients with Renal Impairment <i>Duong JK Greenup LC Graham GGG Ray JE Williams KM Greenfield JR Furlong TJ Day RO</i>	Janna Duong
	Drug Monitoring of Mycophenolic Acid (MPA) in Renal Transplant Recipients: A Simplified Method of Estimating Exposure and a Retrospective Assessment of the Distribution of Exposure Across Different Post Transplant Periods <i>Ellis AG Crosthwaite A Massie DJ Crinis N Frauman A Ierino FL</i>	Andrew Ellis
	The Effects of Caffeine on Methadone-Induced Respiratory Depression <i>Filmer RJ White JM</i>	Robert Filmer
	Examination of Tacrolimus Inter-Lot Variation and Specimen On-Board Waiting Time Effects Using the Dimension Xpand <i>Fullinfaw RO Leong YC Farrell R</i>	Robert Fullinfaw
	Use of Hydromorphone Challenge Test to Assess a Subject's Degree of Tolerance to Exogenous Opioids <i>Gelston EA Mitchell A Wallace MJ White JM Somogyi AA</i>	Eloise Gelston
	A Randomised Clinical Trial of Drug Burden Index (DBI) to Improve Function in Older People <i>Gnjidic D Hilmer SN Le Couteur DG Abernethy DR</i>	Danijela Gnjidic
	Development of a Model to Describe Pharmacokinetics of Immediate and Sustained Release Metformin in Diabetic Patients <i>Greenup LC Duong JK Kirkpatrick CM Graham GG Williams KM Greenfield JR Furlong TJ Day RO</i>	Louise Greenup

Nortriptyline-Induced Postural Hypotension and P-Glycoprotein Pharmacogenetics	Berit Jensen
<i>Jensen BP Vyas R Bonke G Roberts RL Jardine D Begg EJ</i>	
Drug Use Evaluation of Ticarcillin with Clavulanic Acid (Timentin®) at the Royal Brisbane and Women's Hospital	Paul Kubler
<i>Pattullo C Holman J Toleman J Kubler P Martin JH Paterson D</i>	
(+)-Naloxone Inhibits LPS Induced IL-1B Response in Human Peripheral Blood Mononuclear Cells In Vitro: The First Primary Human Immune Cell Evidence of (+)-Naloxone TLR4 Activity	Heilie Kwok
<i>Kwok YH Hutchinson MR Rice KC Rolan P</i>	
Split Oral Dosing of R-Methadone in Healthy Subjects	Dan Magan
<i>Magan D White JM Somogyi AA</i>	
Drug Use Evaluation of Ceftriaxone at the Royal Brisbane and Women's Hospital	Jenny Martin
<i>Holman J Yuen Fan P Toleman J Martin JH Paterson D</i>	
Estimation of Lean Body Weight in Frail and Not Frail Older Males	Sarah Mitchell
<i>Mitchell SJ Hilmer SN Le Couteur DG Kirkpatrick CM Green B Naganathan V Handelsman DJ Cumming RG</i>	
Local Anaesthetic Infused at the Incision Site for Post-Operative Pain Management Following Abdominal Surgery: An Interim Analysis	Ray Morris
<i>Krishnan S Morris R Hewett P Karatassas A Tonkin J Field J</i>	
Renal function, haematocrit and body size affect total and unbound melphalan clearance in patients with multiple myeloma	Christa Nath
<i>Nath CE Shaw PJ Trotman J Zeng L Duffull S McLachlan AJ Gurney H Kerridge I</i>	
Appropriate Use of Non-Prescription Ibuprofen: Patients' Perceptions and Understanding – A Pilot Study	Suong Ngo
<i>Ngo SNT Stupans I Leong WS</i>	
Potential Danger of Using Estimations of GFR for Drug Dosing	Natalie Rutherford
<i>Martin JH Rutherford N</i>	
Investigation of the Effects of Pregabalin and the Glial Inhibitor Minocycline on Flare, Hyperalgesia, Allodynia and Pain Before and After I.D. Capsaicin in Patients with Unilateral Sciatica	Nicole Sardelis
<i>Sardelis NM Hutchinson MR Gentgall M Rolan PE</i>	
Effects of Growth Hormone Releasing-Peptide 2 (GHRP-2) on Elastase-Induced Lung Inflammation	Farah Aniza Shahri
<i>Shahri FA Anderson GP Hansen MJ</i>	
Effects of Alkaline Magnesium Bicarbonate Solutions on Acid/Base Balance & Bone Metabolism in Postmenopausal Women	Lyn Tozer
<i>Tozer LM Allars HM Day RO McElduff P Beckett RJ</i>	
Pilot in vivo studies of copper modifying compounds for the prevention of oxaliplatin-induced neuropathy	Virginia Ip
<i>Ip V Liu JJ McKeage MJ Mercer JF</i>	
Differential Expression of Organic Cation Transporters in Rat Dorsal Root Ganglia	Nancy Jong
<i>Jong N Liu JJ McKeage MJ</i>	
Iron Chelators that Overcome Cancer Drug Resistance	Tetsuo Yamagishi
<i>Yamagishi T Jansson PJ Richardson DR</i>	
Potential Anti-Inflammatory Effects of Hexane Fraction of Ardisia Crispa	Jenny Lau
<i>Lau MF roslida AH</i>	
Transient Receptor Potential Vanilloid 1 (TRPV1) in the THP-1 Monocytic Cell Line	Dale Kunde
<i>Kunde DA Yingchoncharoen J Geraghty DP</i>	
ERK Phosphorylation Predicts Synergism Between gemcitabine and EGFR Inhibitor AG1478	Peter Luk
<i>Luk PP Links MJ Galettis P</i>	
Attenuating glial activation with Minocycline reduces the hyperthermic response to 3,4-Methylenedioxymethamphetamine (MDMA) in the rat	Paul Anderson
<i>Anderson P Irvine RJ Hutchinson MR Salem A</i>	

Changes in mRNA Levels for Nociception-Relevant Proteins in Trigeminal Ganglia of Cycling Female Mice <i>Asghari R Johnson EE Connor M</i>	Rozhin Asghari
Subjective Measures of Treatment Outcome for People with Schizophrenia on Antipsychotic Medications <i>Bakas T Hinton T</i>	Tim Bakas
Hypoxia-Ischemia Increases Expression of Hypoxia-Inducible Factor-1 Prolyl Hydroxylase 2 in Neonatal Rat Brain <i>Chu HX Jones NM</i>	Hannah Chu
The Effect of Oxytocin and Vasopressin on Methamphetamine and MDMA ('Ecstasy')-Induced Reward in Rats <i>Cornish JL Hunt GE McGregor IS Rourke PI</i>	Jen Cornish
The Role of Oxidative Stress in the Progression of Multiple Sclerosis and its Effect on the Release of the Pro-Inflammatory Cytokines <i>Deng DM Crack PJ Zhang M Ates R</i>	Deng
A Study of the Application of the Morris Water Maze to the Establishment of a Preclinical Model of Alzheimer's Disease in the Rat <i>Edwards SR Smith MT</i>	Stephen Edwards
Change in Glutathione Export Parameters by Activated Astrocytes- A Novel Target for Alzheimer's Disease <i>Fuller S Steele M Muench G</i>	Stacey
Enhanced Neuropathic Pain by Passive Immune Transfer Using a Novel Model of Graded Neuropathy <i>Grace PM Hutchinson MR Mayrhofer G Somogyi AA Rolan PE</i>	Peter Grace
Characterising the Effect of Bioactives on PC-12 Cell Viability when Exposed to the Alzheimer's Disease Amyloid Beta Protein and Oxidative Stress <i>Harvey BS Musgrave IF Smid SD</i>	Benjamin Harvey
Desensitization and Recovery of 5-HT _{1B} Receptor Signalling in AtT-20 Cells <i>Heblinski M Connor M</i>	Marika Heblinski
Thermoregulatory and Pharmacokinetic Effects of MDMA in Flinders Sensitive Line Rats <i>Jaehne EJ Majumder I Salem A Irvine RJ</i>	Emily Jaehne
Learning And Memory Enhancement By Selective GABA _A Receptor Antagonists <i>Kim H-L Kumar RJ Hanrahan JR Fernandez SP Johnston GAR Chebib M</i>	Hye-Lim Kim
Oral Pre-Treatment With Epigallocatechin Gallate in 6-OHDA Lesioned Rats Produces Subtle Symptomatic Relief But Not Neuroprotection <i>Leaver KR Allbutt HN Creber NJ Kassiou M Henderson JM</i>	Katherine Leaver
Calcium-Permeable AMPAR Antagonists Reverse Persistent Pain in Rats <i>Mozar CA Rycroft BK Christie MJ</i>	Chris Mozar
Effects of Bilobalide, Ginkgolide B and Picrotoxinin on Positive GABA _A Receptor Modulators <i>Ng CC Duke RK Hinton T Johnston GAR</i>	Chiu Chin Ng
Investigating Divalent Cation Inhibition of the Human Glutamate Transporter <i>Salim M Ryan RM Vandenberg RJ</i>	Marietta Salim
Evaluation and Characterisation of Ligand Binding Sites at the Translocator Protein (18 kDa) for the Treatment of CNS Disease <i>Scarf AM Ittner LM Kassiou M</i>	Alana Scarf
Exploring The Role of TM8 As A Key Domain In Influencing The Chloride Conductance of Human Glutamate Transporters <i>Sirivanta T Conigrave A Vandenberg RJ Ryan RM</i>	Tan Sirivanta
Microglial Attenuator Minocycline Protects Mice from Acute Alcohol-Induced Sleep and Weight Loss <i>Wu Y Hutchinson MR Coller JK Somogyi AA</i>	Yue Wu
Enhanced elimination in barbiturate poisoning – a systematic review <i>Roberts DM Buckley NA</i>	Nick Buckley

Isolation and Pharmacological Characterization of a Presynaptic Phospholipase A2 Neurotoxin Complex (B-Acanthoxin 2) From the Venom of the Northern Death Adder (<i>Acanthopis Praelongus</i>) <i>Chaisakul J Konstantakopoulos N Smith AI Isbister GK Hodgson WC</i>	Shane Chaisakul
Disposition of 'Party Pill' Drugs BZP and TFMPP in the Sprague-Dawley Rat <i>Chou KYK Antia U Russell BR Tingle MD</i>	Ken Chou
Effect of Proguanil Hydrochloride on DNA Damage in Human Peripheral Blood Lymphocytes <i>Dinter D Gajski G Garaj-Vrhovac V</i>	Domagoj Dinter
Pentabromodiphenyl Ether (pentaBDE) Exposure in Daily Life <i>Flood L Nugent K Satya S</i>	Lorelie Flood
Radioprotection of Bee Venom Against Microwave Radiation Induced DNA Damage and Oxidative Stress in Wistar Rat Lymphocytes <i>Gajski G Garaj-Vrhovac V</i>	Goran Gajski
Evaluation of DNA Damage in Workers Occupationally Exposed to Tobacco Dust in Cigarette Manufacturing <i>Garaj-Vrhovac V Gajski G</i>	Prof Vera Garaj-Vrhovac
Amisulpride Overdose is Frequently Associated with QT Prolongation and Torsades De Pointes <i>Isbister GK Balit CR Macleod D Duffull SB</i>	Geoff Isbister
In Vitro Cytolytic Comparison of the Effects of Australasian and African Snake Venoms on Established Cell Lines <i>Kalam Y Isbister GK Hodgson WC Konstantakopoulos N</i>	Yasmeen Kalam
Potential Mechanisms for Increased Paracetamol Sensitivity in a GST Kappa Knockout Mouse <i>Shield AJ Blackburn AC Coggan M Cappello JY Rooke MW Piele ML Murray TM Board PG</i>	Alison Shield
Are Oils Used as Laxatives, in Cosmetics or Skin Care, a Trigger for Arthritis? <i>Whitehouse MW Roberts MS</i>	Michael Whitehouse
Colloidal silver: is there a problem with metallic impurities? <i>Whitehouse MW Ng JC</i>	Michael Whitehouse
Investigation of ATP: the Cause of "Urgency" in Women with Overactive Bladder? <i>Cheng Y Mansfield KJ Allan W Walsh CA Burcher E Moore KH</i>	Ying Cheng
Studies of ATP Release from Cultured Pig Urothelial and Detrusor Muscle Cells by Stretch, Acid, Capsaicin and Tachykinins <i>Cheng Y Mansfield KJ Burcher E Moore KH</i>	Ying Cheng
Effects of Blackmores Lipid Saw Palmetto Extract on Smooth Muscle Contractility in Isolated Rat Prostate Gland <i>Chua T Simpson JS Ventura S</i>	Thiam Chua
Extracts of Phellodendron Reduce Contractility of the Rat Prostate Gland <i>Heng H Ventura S</i>	Howard Heng
Hyperuricaemia and Gout: A Practical Estimation of the Fractional Clearance of Urate <i>Indraratna P L Stocker SL Williams KM Graham GG Day RO</i>	Praveen Indraratna
Contractility of the Lower Uterus and Upper Vagina in The Mouse <i>Kerr KP Jobling P Gravina FS van Helden D</i>	Karen Kerr
Changes in Expression of Cyclooxygenase-2 and Gap Junction Protein Connexins in the Smooth Muscle and Mucosa of Patients with Slow Transit Constipation <i>Liu L Markus I Shang F King DW Burcher E</i>	Lu Liu
The affect of nitric oxide on urothelial contractile activity <i>Moro C Chess-Williams R</i>	Christian Moro
The Effect of Ovariectomy and Dietary Phytoestrogen on Contractile Responses to Carbachol in the Rat Isolated Bladder <i>Owen SJ Rose'Meyer RB Massa HM</i>	Roselyn Rose'Meyer

The M3 Muscarinic Receptor Subtype is Responsible for the Cholinergic Component of Contraction in the Mouse Prostate Gland <i>White C Short J Ventura S</i>	Carl White
α 1-Adrenergic and 5HT1A Receptors as Potential Targets for Prostate Cancer Treatment <i>Wilkie EE Finch AM</i>	Emilie Wilkie
Effects of chronic treatment with finasteride on growth and contractility in the mouse prostate gland <i>Xie JH Haynes JM Pouton CW Ventura S</i>	Angela Xie

2:30 pm to 4:30 pm Neuromodulatory Systems of the Gut as Drug Parkside 110A

Chaired by Elizabeth Burcher

14:30 Gut Afferents as Targets for the Treatment of Visceral Hypersensitivity <i>Grundy D</i>	David Grundy
15:00 The Neglected Role of Mucosa in Colonic Motility Disorders <i>Liu L</i>	Lu Liu
15:20 Endocannabinoids in the Gut: a Pot Pourri of Influence <i>Smid SD</i>	Scott Smid
15:40 Multiple 5-HT Receptors in the Human Colon: Are They All Potential Targets? <i>Irving HR Chetty N Tan YY Desmond PW Coupar IM</i>	Helen Irving
16:00 Serotonin Reuptake in the GI Tract: How Does it Affect Serotonergic Signalling? <i>Bertrand PP</i>	Paul Bertrand
16:20 General Discussion	Elizabeth Burcher

2:30 pm to 4:30 pm Novel Strategies for the Treatment of Cardiovascular and Respiratory Diseases Parkside G04

Chaired by Barbara Kemp-Harper

14:30 Soluble Guanylate Cyclase (sGC) Ligands Potently Limit Cardiomyocyte Hypertrophy <i>Irvine JC Love JE Horowitz JD Stasch JP Kemp-Harper BK Ritchie RH</i>	Jennifer Irvine
14:45 (-)-CGP12177 Increases Contractile Force Through BETA1L-Adrenoceptors but not Through BETA3-Adrenoceptors in Human Right Atrial Myocardium <i>Molenaar P Klenowski P Kaumann A</i>	Peter Molenaar
15:00 A Cooperative cardioprotective Effect of Adenosine A1 and A2A Receptor Agonism in Ischaemia-Reperfusion Damage in the Isolated Perfused Mouse Heart <i>Urmaliya V Pouton CW Coupar IM Short JL White PJ</i>	Paul White
15:15 Class II Phosphoinositide 3-Kinase-Deficient Mice have Impaired Haemostasis <i>Mountford JK Lee H Jackson SP Hamilton JR</i>	Jessica Mountford
15:30 Influence of Dietary Magnesium on Magnesium Transporter Expression, Microvascular Structure and Renal Function in a Model of Type II Diabetes <i>Paravicini TM Najji S Thomas WG Touyz RM</i>	Tamara Paravicini
15:45 Stimulation of AT2 and Mas Receptors Confers Greater Atherosclerotic Plaque Stability in Apolipoprotein E-Deficient Mice <i>Tesanovic S Vinh A Widdop RE Gaspari TA</i>	Sonja Tesanovic
16:00 Nox2 Oxidase as a Therapeutic Target in Influenza a Virus-Induced Lung Disease <i>Selemidis S Stambas J Drummond GR Vlahos R</i>	Stavros Selemidis
16:15 Influence of Protease-Activated Receptor-2 Ligands on Influenza A Infection in Mice <i>Henry PJ Betts RJ</i>	Peter Henry

Monday, 30 November 2009

2:30 pm to 4:30 pm	Individualising Medicines: Drug Development for Older People	Parkside 110B
	Chaired by Sarah Hilmer and Andrew McLachlan	
14:30	Clinical Trials in Frail Older People <i>Lindley RI</i>	Richard Lindley
15:00	Pharmacovigilance in Drug Development for Older People <i>Hilmer S</i>	Sarah Hilmer
15:30	The Aging Process as a Target for Drug Development	David Le Couteur
16:00	Pharmacokinetic and Pharmacodynamic Studies in Older People <i>McLachlan AJ</i>	Andrew McLachlan

4:30 pm to 5:00 pm Afternoon tea and posters Parkside foyer level 1

5:00 pm to 6:30 pm	Clinical Pharmacology Trainee	Parkside 110B
	Chaired by Matthew Doogue	
17:00	Laboratory Reported Glomerular Filtration Rate, a Poor Predictor of Digoxin Clearance <i>Tarafdar S Mangoni AA Polasek TM Doogue MP</i>	Surjit Tarafdar
17:15	The Pharmacodynamics of Single Dose R- and S-Warfarin When Administered Alone and in Combination as a Function of VKORC1 Genotype in Healthy Volunteers <i>Maddison JB Somogyi AA Gentgall M Rolan P</i>	John Maddison
17:30	Saturable Protein Binding and Kinetics of 4-Chloro-2-Methyl Phenoxyacetic Acid (MCPA) in Patients with Acute Poisoning <i>Roberts DM Dawson AH Buckley NA</i>	Darren Roberts
17:45	The Use of Ambulatory Blood Pressure to Detect Autonomic Dysfunction in the Elderly <i>Downie I K O'Callaghan CJ</i>	Ingrid Downie
18:00	Lamotrigine Overdose: Clinical Effects and Pharmacokinetics <i>Mallard TA Isbister GK</i>	Trevor Mallard
18:15	Influence of Neutropenia on the Outcome Hepatitis C Treatment: A Review of Patients Treated in a Tertiary Hepatitis Treatment Centre <i>Zhou X</i>	Tom Zhou

5:00 pm to 6:30 pm	Molecular and Neuropharmacology	ParksideG04
	Chaired by Arthur Christopoulos	
17:00	Prospective Antidepressants: Unconventional Structures and Mechanism of Action <i>Dukat M Alix K Pandya A Schulte M Mosier PD</i>	Malgorzata Dukat
17:15	Bilateral focal neuropeptide Y injection in the somatosensory cortex maximally suppresses absences seizures in a genetic rat model <i>van Raay L Jovanovska V O'Brien TJ Morris MJ</i>	Margaret Morris
17:30	γ -Hydroxybutyric Acid (GHB) – A Novel Neurotransmitter? <i>Wellendorph P Høg S Pedersen M Clausen RP Frølund B Knusen GM Chebib M Bräuner-Osborne H</i>	Petrine Wellendorph
17:45	Mechanism of Methyllycaconitine Inhibition of Alpha7 Nicotinic Acetylcholine Receptors <i>Absalom N Quek G McCleod M Chebib M</i>	Nathan Absalom
18:00	The Permeability of TRPV1 to Ca ²⁺ and Yo-Pro Cationic Dye is Dependent on Cysteine Residues in the Pore-Loop <i>Volpert M McIntyre P Lew M</i>	Marianna Volpert
18:15	Probing the Non-Competitive Binding Site of the α 4 β 2 nAChR <i>Quek GX Halliday JI Absalom NL McLeod MD Chebib M</i>	Gracia Quek

Monday, 30 November 2009

5:00 pm to 6:30 pm	Urogenital and GastroPharmacology	Parkside 110A
	Chaired by Elizabeth Burcher and Sab Ventura	
17:00	Hemokinin-1, a Novel Tachykinin, Induces PGE2 Production in Human Colon through Cyclooxygenase-2 Activation <i>Dai L Shang F Perera DS Burcher E Liu L</i>	Lisa Liying Dai
17:15	The Protective Role and Interaction of Endocannabinoids and COX-2 in Colonic Inflammation <i>Nicotra LL Smid S</i>	Lauren Nicotra
17:30	Characterisation of the Prostanoid Receptor Mediating Inhibition of Smooth Muscle Contractility in the Rat Prostate Gland <i>Ventura S Malone DT Tokanovic S</i>	Sab Ventura
17:45	Stretch and Acid, but not Capsaicin, are Effective Stimuli for ATP Release in the Porcine Bladder Mucosa <i>Sadananda P Mansfield KJ Burcher E</i>	Elizabeth Burcher
18:00	Desensitisation of purinergic receptors enhances neurogenic detrusor responses in the bladder dome of the pig <i>Chess-Williams R Templeman L Chapple CR</i>	Russ Chess-Williams
18:15	Autonomic Control of Urothelial Spontaneous Contractile Activity <i>Moro C Chess-Williams R</i>	Christian Moro
6:30 pm to 8:00 pm	NHMRC Grant Forum	Parkside 110A
	Chaired by Mark Connor	

Tuesday, 1 December 2009

7:30 am to 5:00 pm	Registrations	Parkside office
8:30 am to 10:30 am	Understanding Drug Drug Interactions <i>Chaired by John Miners</i>	Parkside 110A
8:30	Mechanism-Based Inactivation of Cytochrome P450 Enzymes: A Clinically Important Cause of Metabolic Drug-Drug Interactions <i>Polasek TM</i>	Tom Polasek
9:00	TBA	Evan Begg
9:30	In vitro - In Vivo Extrapolation (IV-IVE): Experimental Approaches for Predicting the Magnitude of Inhibitory Drug-Drug Interactions <i>Miners JO</i>	John Miners
10:00	Simplying the Evaluation of Potential Drug Drug Interactions <i>Doogue MP Polasek TM Lin FP</i>	Matt Doogue
10:15	The Pharmacokinetic and Pharmacodynamic Interaction between Allopurinol and Probenecid in Patients with Gout <i>Stocker SL Williams KM McLachlan AJ Franklin ME Graham GG Day RO</i>	Sophie Stocker
8:30 am to 10:30 am	Protective actions of cGMP in Cardiovascular Disease <i>Chaired by Karen Andrews and Adrian Hobbs</i>	Parkside 110B
8:30	Manipulating Cyclic GMP Signalling for the Treatment of Pulmonary Hypertension <i>Hobbs AJ</i>	Adrian Hobbs
9:00	Novel Cardiac Actions of Redox Siblings of Nitric Oxide(NO•) <i>Ritchie RH</i>	Rebecca Ritchie
9:30	Oxidative stress and NO bioactivity in vascular disease	John Keaney
10:00	Vasoprotective Actions of Nitroxyl (HNO), A Novel Redox Sibling of NO• <i>Kemp-Harper BK</i>	Barb Kemp-Harper
8:30 am to 10:30 am	Drug Discovery <i>Chaired by Peter McIntyre</i>	Parkside G04
8:30	Calcium Pumps in Human Breast Cancer <i>Monteith GR Grice DM Faddy HM Kenny PA Roberts-Thomson SJ</i>	Greg Monteith
8:45	The Effect of Testosterone on Intracellular Calcium and Cyclic Adenosine Monophosphate in human Cultured Prostatic Stromal Cells <i>Oliver VL Anderson C Haynes JM</i>	Victoria Oliver
9:00	Orally Active Thiosemicarbazone Chelators with Potent Anti-Tumour Efficacy <i>Yu Y Richardson DR</i>	Yu Yu
9:15	A Targeted Screening System for the Discovery of New Antidiabetic Molecules Derived From Natural Products <i>Ye JM Zeng XY Iseli T T Ren LP LP</i>	Jiming Ye
9:30	Synthesis, Characterisation and Evaluation of a New Suite of Polycyclic-Based Conjugates of Desferrioxamine-B for Treating Iron Overload <i>Liu J Obando D Schipanski LG Groebler LK Witting PK Kalinowski DS Richardson DS Codd R</i>	Joe Liu
9:45	Antioxidant Activity of <i>Carpobrotus Rossii</i> (Pigface) Extract <i>Geraghty DP Jurkovic S Vennavaram RR Jager N Jacobson GA Narkowicz C Ball MJ Ahuja KD</i>	Dominic Geraghty
10:00	Towards the Development of Novel Small Molecule Inhibitors of NADPH Oxidase <i>Dharmarajah J Hall N Christopoulos A Sexton PM Selemidis S Sobey CS Drummond GR</i>	Janahan Dharmarajah

Tuesday, 1 December 2009

10:15 Hypoxic Preconditioning as a Strategy for Promoting Survival of Human Adipose-derived Stem Cells for Cell and Tissue Therapies Samantha Stubbs
Stubbs SL Dilley RJ Peshavariya H Dusting GJ

10:30 am to 11:00 am Cardiovascular Special Interest Group General Meeting Parkside G04

10:30 am to 11:00 am Morning tea Parkside foyer level 1

11:00 am to 1:00 pm Translation of Pharmacogenomics into Clinical Practice Parkside 110A

Chaired by Andrew Somoygi and Janet Coller

11:00 Pharmacogenetics of Drug-Induced Liver Injury Ann Daly
Daly AK

11:40 Overcoming the Barriers of Clinical Translation: The Abacavir Example Elizabeth Phillips
Phillips EJ

12:00 Advances in Thiopurine Pharmacogenomics John Duley
Duley JA Florin TH

12:20 Use of Pharmacogenomic Tests for Drug Dosage Adjustments Les Sheffield
Sheffield LJ

12:40 Pharmacogenetics of Renal Transplantation Betty Sallustio
Sallustio BC

11:00 am to 1:00 pm Clinical Pharmacology Parkside G04

Chaired by Matthew Doogue

11:00 Lessons from Lumiracoxib Peter Pillans
Pillans PI

11:15 Use of NSAIDs for Osteoarthritis Amongst Older-Aged Primary Care Patients: A Qualitative Study Tamara Milder
Milder TY Williams KM Ritchie J Zwar NA Day RO

11:30 The Association Between Drug Burden Index, Physical Function And Falling In Older People In Residential Aged Care Facilities Nicholas Wilson
Wilson NM Hilmer SN March LM Sambrook PN

11:45 The Metabolic Clearance of Free Phenytoin in Elderly versus Younger Adults Dan Wright
Wright DF Begg EJ

12:00 Calculation of gentamicin dose in older people: is frailty a useful guide? Sarah Hilmer
Hilmer SN Tran K Rubie P Wright J Matthews S Gnjidic D Carroll PR

12:15 Estimation of creatinine clearance and gentamicin dose using lean bodyweight prediction in older women Sarah Mitchell
Mitchell SJ Hilmer SN Kirkpatrick CM Hansen R Fiatarone Singh MA

12:30 Gentamicin Use in Neonates is not Associated with Impaired Otoacoustic Emissions Jane Vella-Brincat
Vella-Brincat jw Begg ej Robertshawe bj Lynn am Darlow ba

12:45 Voriconazole Brain Penetration Assessed by Fluorine-Magnetic Resonance Spectroscopy (19F MRS) Paul Glue
Glue P Henry M Bolo N Villafuerte R Labadie R Schlamm H Andrews E Damle B

11:00 am to 1:00 pm Challenges and Opportunities for Academic Drug Discovery and Development Parkside 110B

Chaired by Alistair Stewart

11:00 High Throughput Screening Technologies: Value Beyond Hit Finding Applications Debbie L Hay
Hay DL

Tuesday, 1 December 2009

11:25	Metabolomics in Drug Discovery: Present and Future Opportunities	Peter Meikle
11:50	Academics Don't discovery drugs - Against	Alan Robertson
		Graham Johnston
		Maree Smith
	Academics Don't discovery drugs - For	Daniel Grant
		Malcolm Handel
		Peter McIntyre

1:00 pm to 2:30 pm

Lunch and posters

Parkside foyer level 1

Novel Vasoprotective Actions of Nitroxyl (HNO) in Human Blood Vessels <i>Andrews KL Lumsden NG Kemp-Harper BK Chin-Dusting JPF</i>	Karen Andrews
Pharmacological Evidence for NOX Being a Major Source of ROS in SHR Rats <i>Armitage ME Wind S Beuerlein K Eucker T Muller H Scheurer P Schmidt HH Wingler K</i>	Melanie Armitage
Intralipid Reversal of Local Anaesthetic Cardiovascular Toxicity In Vitro <i>Bourne E Ross-Smith MA Royse C Wright CE</i>	Emma Bourne
Potential Role for Intralipid to Reverse Sub-Lethal Local Anaesthetic Toxicity <i>Bourne E Royse C Wright CE</i>	Emma Bourne
Improved Outcome Following Cerebral Ischaemia-Reperfusion in Mice when the Human Down Syndrome Candidate Region 1 (DSCR1) Gene is Overexpressed <i>Brait VH Martin KR Pritchard MA Sobey CG</i>	Vanessa Brait
Effects of disrupting the interaction between RANTES and CCR5 on angiotensin II-induced hypertension <i>Budzyn K Lob HE McCann LA Proudfoot AEI Goronzy JJ Weyand CM Guzik TJ Harrison DG</i>	Klaudia Budzyn
Vasoprotective Actions of Nitroxyl (HNO) are Preserved in Hypercholesterolemia <i>Bullen ML Miller AA Dharmarajah J Drummond GR Sobey CG Kemp-Harper BK</i>	Michelle Bullen
Prostacyclin IP Receptor Activation, Transforming Growth Factor Signaling and Cardiac Fibrosis in Hyperlipidemic Mice <i>Chan EC Dusting GJ Guo N Peshavariya H Dilley R Narumiya S Jiang F</i>	Elsa Chan
Role of Nox1 and Nox2-Containing NADPH Oxidase and Endothelial Nitric Oxide Synthase In Angiotensin II-Induced Cerebral Endothelial Dysfunction <i>Chrissobolis S Banfi B Faraci FM</i>	Sophocles Chrissobolis
Hydrogen Sulphide Inhibits Platelet Dense Granule Secretion but not Platelet Activation <i>Favaloro J Al Sadoun H Linden M</i>	Jo Favaloro
Is hydrogen sulphide an endothelium-derived relaxing factor? <i>Al-magableh M Favaloro J</i>	Jo Favaloro
Expression of a Truncated Variant of Nox2 in Macrophages <i>Harrison CB Drummond G R Sobey CG Selemidis S</i>	Craig Harrison
Autonomic dysfunction in an animal model of Parkinson's disease <i>Henderson JM Slack K Billing R Allbutt HN Einstein R</i>	Jasmine Henderson

Enhancing Post-Storage Cardiac Preservation by Inhibition of Sodium Hydrogen Exchange <i>Hicks M Tsun J Gao L Sun L Watson A Kwan J Jabbour A Macdonald P</i>	Mark Hicks
Diet-induced obesity alters the contribution of NO and BKCa to endothelium-dependent dilation <i>Howitt L Grayson TH Morris MJ Murphy TV</i>	Lauren Howitt
Antioxidant Effects of Novel Angiotensin II Receptor Antagonists In Vitro <i>Jani N Ziogas J Schiesser C Wright CE</i>	Nitya Jani
Investigation of the Mechanism of Endothelium-Dependent Relaxation in Thoracic Aorta in Diabetic Rats <i>Joshi A Woodman OL</i>	Anjali Joshi
Endothelial specific overexpression of arginase I does not impair endothelial function <i>Khong SML Andrews KL Vaisman BL Remaley AT Chin-Dusting JPF</i>	Sacha Khong
Novel Interaction between Soluble Guanylate Cyclase Stimulator and Activator in Rat Mesenteric Arteries <i>La M Al-Magableh M Wingler K Stasch JP Schmidt H H HW</i>	Mylinh La
Mechanism of Endothelial Dysfunction of Rat Mesenteric Artery in Type 1 Diabetes <i>Leo CH Ziogas J Favaloro JL Woodman OL</i>	Chen Leo
Is Paclitaxel Anti-Angiogenic? <i>Lim SM Galettis P Links M</i>	Siong Meng Lim
A Novel Soluble Flavonol, Np202, Decreases Injury and Apoptosis After Myocardial Ischaemia and Reperfusion in Anaesthetised Sheep <i>Patsikatheodorou N Thomas CJ May CN Darby IA Woodman OL</i>	Nikolas Patsikatheodorou
Transforming Growth Factor- β -induced Nox4 NADPH Oxidase Inhibits Apoptosis in Endothelial Cells <i>Peshavariya H Dusting GJ Chang CWT Wong H Taylor CJ Fabra A Jiang F</i>	Hitesh Peshavariya
Endothelial Dysfunction in Renal Arteries from Type-1 Diabetic Rats: Changes in EDHF and Gap Junction Activity <i>Reid JJ Bansal M Joshi A Woodman OL</i>	Julianne Reid
Evaluation of the composition of omega-3 fatty acids in dietary fish oil supplements <i>Russell FD Hamilton K Brooks P Holmes M Cunningham J</i>	Fraser Russell
The Effect of Hydrogen Sulphide in the Brain on Cardiovascular Regulation <i>Streeter E Badoer E Favaloro J</i>	Eloise Streeter
Angiogenesis in the Brain Following Ischemic Stroke and Reperfusion: Role For NADPH Oxidase in Recovery <i>Weston RM McCann SK Taylor CJ Dusting GJ Roulston CL</i>	Rob Weston
Antiplatelet Activity of <i>Carpobrotus</i> <i>Rossii</i> (Pigface) Extract <i>Adams MJ Pinkard A Geraghty DP Jacobson GA Narkowicz C Ball MJ Ahuja KD</i>	Dominic Geraghty
The Transient Receptor Potential V6 (TRPV6) Calcium Channel in Breast Cancer <i>Bassett JJ Peters AA McAndrew D Roberts-Thomson SJ Monteith GR</i>	John Bassett
Siderophore-Based Compounds as Narrow Spectrum Antibiotics <i>Brites LJ Obando D Shi C Codd R</i>	Lauren Brites
Screening Teurcium Polium for Glucose Lowering Activity <i>Caccetta R Ireng A Helmerhorst E</i>	Rima Caccetta
Alterations in Calcium Regulation Associated with the Differentiation of HT-29 Colon Cancer Cells <i>Chowdhury MA Roberts-Thomson SJ Monteith GR</i>	M Ashraf Chowdhury
Elucidation of the Site of Action of Flavan-3-OL Derivatives On GABAA Receptors <i>Devenish SO Hanrahan JR Johnston GAR Mewett KN Fernandez SP Chebib M</i>	Steven Devenish

Peroxisome Proliferator-Activated Receptor Expression in the Mouse Mammary Gland and Human Breast Cancer Cell Lines <i>Falconer C Monteith GR Roberts-Thomson SJ</i>	Caitlin Falconer
Affinity resins for the capture of Fe(III)-siderophore receptors <i>Fernandez MC Codd R</i>	Maria Fernandez
Development of a Bioassay to Assess Collagen Mimetic Peptides <i>Harvey NK Harris T Roberts K Hughes RA Stewart AG</i>	Nicholas Harvey
Ligand-Directed Signalling of a Novel Relaxin-3 Antagonist at the Relaxin Family Peptide Receptor 3 (RXFP3) <i>Kocan M van der Westhuizen ET Hossain MA Wade JD Summers RJ</i>	Martina Kocan
The Effects of Naturally Occurring Single Nucleotide Polymorphisms (SNPs) at the Glucagon-like Peptide 1 Receptor (GLP-1R) <i>Koole CR Simms J Christopoulos A Sexton PM</i>	Cassandra Koole
Use of Interdisciplinary Scenarios to Assist in Understanding Decisions and Processes Involved in Early Stage Drug Development in Postgraduate Coursework <i>Langlands JM</i>	John Langlands
Novel GABAC Antagonists Derived from 4-Aminocyclopent-1-enecarboxylic Acid <i>Locock KES Johnston GAR Allan RD</i>	Katherine Locock
Aberrant Expression of Calcium Channels: Effects On Downstream Transcriptional Regulation <i>Luk NA McAndrew D Peters AA Monteith GR Roberts-Thomson SJ</i>	Nicole Luk
Preparation and Evaluation of Novel Ligands for the Translocator Protein 18-kDa (TSPO) <i>Luus CA Kassiou M</i>	Chris Luus
Characterisation of the Effect of Antioxidant Supplementation on Fatigue During Exercise: Potential Role for NAD ⁺ (H) <i>Mach J Bentley DJ Dank S Karlsson C Karlsson T Bilgin A Grant R</i>	John Mach
Screening for Mango Bioactives of Relevance for Pharmaceutical and Nutraceutical Applications <i>Pierson JT Wilkinson AS Shaw PN Gidley MJ Roberts-Thomson SJ Monteith GR</i>	J.T. Pierson
The Risk of Haemorrhage During Concomitant Warfarin and Serotonin Reuptake Inhibitor Therapy <i>Sam K McLachlan AJ Chen TF Nishtala P Fois RA</i>	Kevin Sam
Evaluation of anti-ulcerogenic activity of Virgin coconut oil on HCl/ethanol - induced gastric lesions in rats. <i>Malarvili S Somchit MN Zainul AZ Kamariah L Zuraini A Roslida AH Yong YK Chiong HS</i>	Malarvili Selvaraja
AB Initio Prediction of Family A GPCR Structure <i>Simms J Hall N Christopoulos A Sexton P</i>	John Simms
In Vitro and In Vivo Characterisation of a Novel M4 Muscarinic Receptor Allosteric Agonist/Modulator <i>Suratman S Christopoulos A Sexton PM Loiacono R</i>	Suraya Suratman
Characterisation of Mango Bioactives Using Calcium Fluxes in MCF-7 Breast Cancer Cells <i>Taing MW Wilkinson AS Pierson JT Wu T Shaw PN Gidley MJ Roberts-Thomson SJ Monteith GR</i>	Meng-Wong Taing
Phytochemical Analysis of Australian <i>Centella asiatica</i> by High-Performance Liquid Chromatography and Capillary Zone Electrophoresis <i>Tongkao-on W Li KM Razmovski-Naumovski V Wang H Leach D Li QG Kimble B</i>	Wannit Tongkao-on
A Study of Evogen, a Complementary Medicine, for the Treatment of Pain Associated with Osteoarthritis of the Knee <i>Williams KM Anderson-Stewart P Yarmand S Lim C De La Hoz A Day RO</i>	Ken Williams

Modulation of the Glucagon-Like Peptide 1 Receptor (GLP-1R) by Flavonoids <i>Wootten DL Simms J Koole CR Christopoulos A Woodman OL Sexton PM</i>	Denise Wootten
National Research Priorities For Complementary Interventions For Musculoskeletal Disorders <i>Yarmand S Williams KM Day RO</i>	Sarah Yarmand
In Vitro Characterisation of Human Morphine Glucosidation <i>Chau N Elliot DJ Mackenzie PI Miners JO</i>	Nuy Chau
The Involvement of Foxa1 in the Transcriptional Upregulation of Human UDP Glucuronosyltransferase 2b15 and 2b17 in Response to 17-estradiol in MCF-7 Cells <i>Hu DG Mackenzie PI</i>	Dong Gui Hu
Inhibition of Multi-Drug Resistance Protein 5 (MRP5) by Curcumin <i>Li Y Revalde JL Reid G Paxton JW</i>	Yan Li
Metabolism of Mycophenolic Acid in Human Liver Microsomes: Effect of Tacrolimus, Cyclosporine and its Metabolites <i>Md Dom Z Somogyi AA Sallustio BC</i>	Zaipul Md Dom
Incorporating Advanced Molecular Biology Techniques into the Molecular Pharmacology Curriculum <i>Finch AM Liu L</i>	Angela Finch
Investigating potential immunomodulatory activity in native flora <i>Ng L Ziogas J Stewart AG Bennett L Williams R Robinson K Sudharmarajan S</i>	Lawrence Ng
Measurement of Cyclosporine in Kidney Transplant Biopsies using HPLC-MS/MS <i>Noll BD Collier JK Somogyi AA Morris RG Sallustio BC</i>	Ben Noll
Immunomodulatory Effects of Polysaccharopeptide (PSP) In Vitro: Implications for Cancer Treatment <i>Sekhon BK Sze DMY Chan WK Fan K Li Q Roubin RH</i>	Bhagwant Sekhon
Transforming growth factor B (TGFB) induces glucocorticoid-resistance in human airway epithelial <i>Salem S Harris T Mok Shiueh Lian J Yuen Sin Li M Schuliga M Stewart AG</i>	Saad Salem
The Calcium Channel TRPV4 is Mutated in Familial Digital Arthropathy-Brachydactyly (FDAB) <i>Yuan Y Gresshoff I Little CB Savarirayan R Abogadie FC McIntyre P Bateman JF Lamandé SR</i>	Fe Abogadie
Activation-induced changes in cell surface expression of cold-sensitive, TRPM8 channels. <i>Bonakdar S Veldhuis N McIntyre P</i>	Saman Bonakdar
Fatty Acid Amide Conjugate Modulation Of T-Type Calcium Channels <i>Gilmore AJ Reynolds A Kassiou M Connor M</i>	Mark Connor
Impact of Ambient Extracellular Calcium on Analysis and Interpretation of Agonism and Allosteric Modulation of the Extracellular Calcium Sensing Receptor (CaSR) <i>Davey AE Leach K Conigrave AD Sexton PM Christopoulos A</i>	Anna Davey
Extracellular Loop 4 is Required for Inhibition of GLYT2 by N-Arachidonyl Glycine <i>Edington AR Ryan RM Vandenberg RJ</i>	Amelia Edington
Exploring the Dynamics of Glycine Transporters Inhibition <i>Farghaian HF Ryan RR Vandenberg RJ</i>	Hovik Farghaian
Transcriptional Regulation of the UDP-Glycosyltransferases 3A1 and 3A2 <i>Haines AZ Gardner-Stephen DA Mackenzie PI</i>	Alex Haines
2'-Methoxy-6-methylflavone, an allosteric activator of $\alpha 2B2y2L$ GABAA receptors <i>Karim N Premoli I Po K Gavande N Johnston G Hanrahan J Chebib M</i>	Nasiara Karim
Probing the Binding and Function of Orthosteric and Allosteric Agonists at the M4 Muscarinic Acetylcholine Receptor (mAChR) <i>Leach K Davey A E Sexton P M Christopoulos A</i>	Katie Leach

Flavonoids Modulate G-Protein Inwardly Rectifying Potassium Channels <i>Pera E Yow TT Absolom N Gavande N Hanrahan J Hibbs D Johnston GAR Chebib M</i>	Elena Pera
The Effect of Lycium Barbarum on Diabetic Retinopathy in Human RPE Cell Line: Activation of PPAR-gamma <i>Song MK Huang THW Roufogalis BD</i>	Min-Kyong Song
Ligand-Directed Signalling by B-Adrenoceptor Antagonists at the Human B1-Adrenoceptor <i>Stancic E Hutchinson DS Evans BA Summers RJ</i>	Ema Stancic
Prediction of Functional Selectivity of Orthosteric and Allosteric Ligands at the M3 Muscarinic Acetylcholine Receptor Using <i>Saccharomyces Cerevisiae</i> <i>Stewart GD Sexton PM Christopoulos A</i>	Greg Stewart
Characterising the Mechanisms of Rapid Oestrogen Signalling in U2-OS Bone Cells. <i>Tan YF Ziogas J</i>	Ying Fei Tan
The effect of N-Glycosylation on functional responses of TRPV1 <i>Veldhuis NA Lew M Ziogas J McIntyre P</i>	Nik Veldhuis
Phenylalanine 124 at p1 GABAC receptors influences the on-off rates for GABA <i>Yamamoto I Carland JE Habashy H Abdel-Halim H Absalom N Hanrahan JR Chebib M</i>	Izumi Yamamoto
Predicting and Shifting Nocebo Response from Assessment and Treatment of Attachment State of Mind <i>McLean LM Maddison V Tennant C</i>	Loy McLean
Association Between ABCB1 Gene Expression and Methadone Exposure in Maintenance Treatment for Opioid Dependence: a Pilot Study <i>Barratt DT Collier JK Somogyi AA</i>	Daniel Barratt
A Tale of Two Brothers: A Familial Study of Risk Factors to Allopurinol-Induced Stevens-Johnson Syndrome <i>Lee MH Anderson J Stocker SL Williams KM Graham GG Philips EJ Nolan D Day RO</i>	Hugo Lee
Role of Cytochrome P4503A5 and 2B6 in N-Demethylation of (R) - and (S)-Methadone in Human Liver Microsomes: Lack of Impact of Genotypes. <i>Li Y Somogyi AA Collier JK</i>	Yibai Li
Association Of Opioid Dependence Withdrawal And IL-1B Production In Brain Regions: Comparison Of Three Different Mouse Strains <i>Liu L Hutchinson MR Collier JK Somogyi AA</i>	Liang Liu
CYP450 Testing may be Essential in Psychiatry <i>Lucire Y</i>	Yolande Lucire
Glutathione peroxidase as a novel therapeutic target for cigarette smoke-induced lung inflammation <i>Duong CN Seow HJ Bozinovski S Anderson GP Vlahos R</i>	Chi Ngoc Duong
Potential role of Rho-kinase inhibition in bronchodilator actions of rosiglitazone in mouse trachea <i>Ibrahim ZA Bailey SR Tran J Dagher H Royce SG Tang MLK Bourke JE</i>	Zaridatul Aini Ibrahim
Airway smooth muscle activation of plasminogen: functional effects and dependence on the annexin II tetramer <i>Schuliga M Zal F Mok J Harris T Stewart AG</i>	Michael Schuliga
Thiazolidinediones Inhibit TGFB1-Mediated Changes in A549 Cells Undergoing Epithelial Mesenchymal Transition via PPAR γ Dependent and Independent Pathways <i>Tan X Bourke JE</i>	Xiahui Tan

2:00 pm to 2:30 pm

Drug Disposition Special Interest Group Meeting

Parkside G04

Tuesday, 1 December 2009

2:30 pm to 4:00 pm	ASCEPT Oral	Parkside 110
	Chaired by Grant Drummond	
14:30	Mutational Analysis of an M4 Muscarinic Acetylcholine Receptor Allosteric Site <i>Nawaratne V Leach K Felder CC Sexton PM Christopoulos A</i>	Vindhya Nawaratne
14:45	Pharmacokinetics Of Caffeine And Paraxanthine In Saliva And Plasma For Measurement Of CYP1A2 Activity In Healthy Volunteers <i>Perera V Gross AS McLachlan AJ</i>	Vidya Perera
15:00	Chlamydia pneumoniae Activates NADPH Oxidase and Induces an Atherogenic Phenotype in Murine Vascular Smooth Muscle Cells <i>Rivera J Walduck A Strugnell RA Sobey CG Drummond GR</i>	Jennifer Rivera
15:15	Investigating the Role of the Low Density Lipoprotein Class A (LDLa) Module in Mediating the Activation of the Relaxin Receptors, RXFP1 and RXFP2 <i>Kong RCK Lee JCY Petrie EJ Gooley PR Bathgate RAD</i>	Roy Kong
15:30	Investigation of the Mechanism of the Cardioprotective Effects of Flavonols in Langendorff Perfused Rat Hearts <i>QIN CX WILLIAMS SJ WOODMAN OL</i>	Chengxue (Helena) Qin
15:45	Mechanisms Contributing to Infarct Size after Stroke – Gender, Reperfusion, T Lymphocytes and Nox2 <i>Brait VH Jackman KJ Walduck AK Selemidis S Diep H Broughton BRS Drummond GR Sobey CG</i>	Vanessa Brait
16:00	Novel and Potent Agents for the Treatment of Pancreatic Cancer: Aiming at the Metastasis and Growth Suppressor, NDRG1 <i>Kovacevic Z Chikhani S Richardson DR</i>	Zaklina Kovacevic
16:15	Role of Phosphorylation Residues in Regulation of Rat TRPV1 Channel Responses to Agonists and Antagonists <i>Bhaskaracharya Archa Cho Hyun Ziogas James Jennings Ernie McIntyre Peter</i>	Archana Bhaskaracharya
4:00 pm to 4:30 pm	Afternoon tea and posters	Parkside foyer level 1
4:30 pm to 6:30 pm	Denis Wade Johnson and Johnson Young Investigator	Parkside 110
	Chaired by Robert Vandenberg	
16:30	Individualising Therapy for Ovarian Cancer – A Translational Study of TNF- α ; Antagonists <i>Charles KA Kulbe H Soper R Escorocio-Correia M Thompson RG Smyth JF Balkwill FR Hagemann T</i>	Kellie Charles
17:00	Defining the Role of Platelet Protease-Activated Receptors in Thrombosis: Implications for the Development and Use of Novel Anti-Platelet Agents <i>Hamilton JR</i>	Justin Hamilton
17:30	Novel Toll Like Receptor 4 Activity of Opioids Alters Opioid Response <i>Hutchinson MR</i>	Mark Hutchinson
18:00	G Protein-Coupled Receptor 30 Signalling in the Cerebral Vasculature and its Localisation in the Brain Following Stroke <i>Broughton BRS</i>	Brad Broughton
7:00 pm to 10:00 pm	Conference dinner	Restaurant Casa di Nico

Wednesday, 2 December 2009

7:30 am	to 10:00 am	Registrations	Parkside office
8:30 am	to 10:30 am	Cardiotoxicity of Prescription Drugs <i>Chaired by Phil Burcham</i>	Parkside 110A
	8:30	Drug Toxicity and the Heart <i>Burcham PC</i>	Philip Burcham
	9:00	Molecular Mechanisms of Anthracycline Induced Cardiotoxicity	Des Richardson
	9:45	Drug-induced QT prolongation and TdP: How do we make a risk assessment in the individual patient?	Geoff Isbister
8:30 am	to 10:30 am	Challenges and Opportunities for functional selectivity in Drug Discovery <i>Chaired by Roger Summers and Patrick Sexton</i>	Parkside 110B
	8:30	Functional Selectivity in the Design of Novel Psychotropic Drugs	David Nichols
	9:00	The Structural Basis of Agonist-Directed Signalling in Growth Hormone Receptors <i>Waters MJ</i>	Mike Waters
	9:30	Engendering Stimulus-Bias in G Protein-Coupled Receptors; Challenges for Pharmacology and Drug Discovery	Arthur Christopoulos
	10:00	Impact of Genetics on Functional Selectivity: Consequences of Naturally Occurring Mutations on Calcium Sensing Receptor Mutations on Signalling and in Disease <i>Ratajczak T Ward B Magno A Rea A Arulpragasam A Stuckey B Walsh J</i>	Tom Ratajczak
10:30 am	to 11:30 am	Morning tea and Prize poster session <i>Chaired by Grant Drummond and Rob Vandenberg</i>	Parkside Foyer Level 1
11:30 am	to 1:00 pm	Rand Medallists <i>Chaired by Kathie Knights</i>	Parkside 110
	11:30	Design and Serendipity in Pursuit of Neuroprotection <i>Beart P</i>	Phil Beart
	12:15	The UDP Glycosyltransferases; a Versatile Defense Against Chemical Insult	Peter Mackenzie
1:00 pm	to 2:30 pm	ASCEPT Annual General Meeting/Lunch	Parkside 110