

Current Students and their Research Topics in the School of Biomedical Sciences and Pharmacy

Title	Last Name	First Name	Research Topic	Program Description	Principal Supervisor
Mrs	Abbott	Kylie	Dietary Omega-3 Polyunsaturated Fatty Acid Supplementation and the Risk of Developing Type 2 Diabetes Mellitus	PhD (Medical Biochemistry)	Garg, Manohar
Miss	Abdullah	Noraidatulakma	Genetic and Non-Genetic Studies of Type 2 Diabetes in Three Susceptible Asian Populations: Malay, Chinese and Indian	PhD (Medical Genetics)	Scott, Rodney
Mr	Adams	Cameron	Optogenetic Dissection of Hypothalamic Brain Circuitry and its Implications for Conditions of Motivated Behaviour	PhD (Anatomy)	Dayas, Chris
Miss	Adebayo	Mariam	Understanding the Development of Ovarian Granulosa Cell Cancer Using a Mouse Model with Mutation in APC Gene in Granulosa Cells	M Philosophy (Medical Biochem)	Tanwar, Pradeep
Mr	Ali	Md Khadem	Investigating the Inter-Relationship between Iron Homeostasis and Infection in the Pathogenesis of Disease	PhD (Immunology & Microbiol)	Horvat, Jay
Mrs	Al-Juboori	Aminah Ali Abid	Levels of Steroids and Endometrial Proteins as an Infertility Indicators Markers in Women with Reproductive Pathologies of Immune Origin.	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Aryal	Ritambhara	Do Iron Abnormalities Exacerbate Alzheimer's Disease? Investigations in Novel Mouse Models	PhD (Medical Genetics)	Milward, Liz
Mr	Atkins	Joshua	Utilising High-Resolution Genomics to Resolve Genetic and Epigenetic Complexity in Schizophrenia	PhD (Medical Genetics)	Cairns, Murray
Miss	Ayasha	.	WNT Signaling in Uterine Cancer	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Bajwa	Preety	Role of mTOR signalling in Ovarian Cancer	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Bangaraswamaiah Nagendra	Prathima	Investigating Novel Co-molecular Lesions of TP-53 in Serous Adeno Carcinomas and Their Role in DNA Damage	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Bennett	Greer	The Effects of Maternal Stress on Perinatal Neurodevelopment and Behaviour	PhD(Experimental Pharmacology)	Hirst, Jon
Miss	Berry	Nadine	The Similarities and Differences of Genomic Re-Arrangements in Paediatric Verses Adult Haematological Malignancies	PhD (Medical Genetics)	Scott, Rodney
Mr	Bigland	Mark	Ageing of the Inner Ear Balance System	PhD (Anatomy)	Smith, Douglas
Mr	Biswas	Mohitosh	Strategies for Introducing Personalised Healthcare and Pharmacogenomics into Community Pharmacies.	PhD (Pharmacy)	Milward, Liz
Mrs	Bolton	Katherine	Role of Tandem Repeats in Genetic Susceptibility to Breast Cancer	PhD (Medical Genetics)	Scott, Rodney
Ms	Bond	Danielle	Post-Transcriptional Regulation of Tetraspanins CD151 and CD9 by Micro-RNA's in Prostate and Breast Cancers	PhD (Medical Biochemistry)	Weidenhofer, Judith
Ms	Brown	Alexandra	Mechanisms of Predisposition to Secondary Bacterial Pneumonia	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Brzozowski	Joshua	Developing Synthetic Exosomes to Target and Deliver Anti-Cancer Agents to Prostate Cancer Cells	PhD (Medical Biochemistry)	Weidenhofer, Judith
Mr	Budden	Kurtis	Utilisation of Microbial Products as New Therapies for COPD/Emphysema	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Budden	Timothy	Nucleotide Excision Repair and UVB-Induced DNA Damage in Melanoma Development	PhD (Medical Genetics)	Bowden, Nikola
Ms	Campbell	Erin	Characterizing Changes in the Orexin System in Models of Neuropsychiatric Disease	PhD (Anatomy)	Dayas, Chris
Ms	Casinto	Shannon	Role of Neck Posture in Headaches	M Philosophy (Human Physiology)	Bolton, Phil
Ms	Chan	Cheng Leng	Pharmacovigilance and development of signal detection algorithm for drug safety monitoring	PhD (Pharmacy)	Li, Shu Chuen
Miss	Chevalier	Anne	Investigation of Novel Immune Molecules in the Pathogenesis of Female Chlamydia Genital Tract Infections	PhD (Immunology & Microbiol)	Hansbro, Phil
Mrs	Croft	Hayley	Identifying the Impact Factors Affecting Pharmacist Performance to Develop a Best-Practice Model for Pharmaceutical Care Delivery	PhD (Pharmacy)	Rasiah, Rohan
Miss	Cumberland	Angela	Affect of Prenatal Insults on Long-Term Behaviour and Neurodevelopment; and Potential Neurosteroid Replacement Therapy	PhD(Experimental Pharmacology)	Hirst, Jon
Miss	Daneshi	Nilofar	The Feasibility and Value of Holistic Systems-Based Approaches to Personalised, Patient-Centred Healthcare in Modern Pharmacy	PhD (Medical Genetics)	Milward, Liz
Mr	Davey	Ryan	Examining Nucleotide Excision Repair Genes in Melanoma	PhD (Medical Genetics)	Bowden, Nikola
Mr	Deane	Andrew	The Role of Innate Cells in Infectious Exacerbation of COPD	PhD (Immunology & Microbiol)	Hansbro, Phil
Miss	Delforce	Sarah	Fetal sex specific regulation of the intrauterine renin angiotensin system influences preterm birth	PhD (Human Physiology)	Pringle, Kirsty
Miss	Dias	Cintia	Dietary Fats and Biomarkers of Human Health: Excess Saturated Fat or Lack of Omega 3 Fatty Acids	PhD (Pharmacy)	Garg, Manohar
Mrs	Dias	N Wasam Thilani	Peripheral Opioid Receptor Targeting for the Relief of Pain, Inflammation and Disease Progression in Rheumatoid Arthritis	PhD (Pharmacy)	Hua, Susan
Dr	Dua	Kamal	Investigation of the pathogenesis and potential therapeutic interventions of influenza in Asthma and COPD	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Duchatel	Ryan	Investigation of White Matter Neurons in the Maternal Immune Activation Model of Schizophrenia	PhD(Experimental Pharmacology)	Tooney, Paul
Miss	Farrell	Kristen	Spinal Cord Signalling in a Mouse Model of IBD	PhD (Anatomy)	Callister, Robert
Mr	Faulkner	Sam	ProNGF and its Receptors in Pancreatic Cancer and Melanoma	PhD (Medical Biochemistry)	Hondermarck, Hubert
Mrs	Ferguson	Jessica	Synergistic Effects of Phytosterols and Curcumin on Cardiovascular Risk Factors in Hyperlipidaemic Individuals	PhD (Medical Biochemistry)	Garg, Manohar
Mr	Garcia Sobrinho	Pedro	Role of Inflammation in Parkinson's Disease	PhD (Medical Biochemistry)	Dickson, Phil
Mr	Geaghan	Michael	MicroRNA Biogenesis in Neuronal Function and Schizophrenia	PhD (Medical Biochemistry)	Cairns, Murray
Dr	Ghosh	Arnab	Biomarkers for Circulating Ovarian Cancer Cells: A Prognostic and Therapeutic Approach	PhD (Medical Biochemistry)	Tanwar, Pradeep
Mr	Girkin	Jason	The Role of Rhinovirus, TRAIL, IL-13 and PP2A in Allergic Airways Disease	PhD (Immunology & Microbiol)	Foster, Paul
Miss	Goad	Jyoti	Role of Wnt Signalling in Endometrial Homeostasis and Cancer	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Goggins	Bridie	Hypoxia Inducible Factor (HIF)-1 mediates epithelial wound healing through integrin regulation	PhD (Immunology & Microbiol)	Keely, Simon
Mr	Gomez	Henry	Generational Effects of Smoking in Pregnancy	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Gradwell	Mark	The Sinoatrial Node Pacemaker in Health and Disease	PhD (Human Physiology)	Graham, Brett
Ms	Guo	Sutang	INPP4B as a Novel Therapeutic Target in Melanoma and Colorectal Cancer	PhD (Medical Biochemistry)	Zhang, Xu Dong
Mrs	Hadjigol	Sara	Understanding the mechanisms of airway hyper-responsiveness in a mouse model of asthma	PhD (Immunology & Microbiol)	Yang, Ming
Mr	Hampsey	Daniel	To assess the role of IFNe in modulating innate immune responses and protecting against Chlamydia infection in human tissues	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Harries	Simon	Resistance Training in Adolescent Rugby Union Players	PhD (Human Physiology)	Callister, Robin
Miss	Harrison	Celeste	Investigating the Mechanisms of Tobacco Cigarette Smoke-Induced Lung Cancer	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Hatchwell	Luke	Role of TRAIL and TLR2 in Response to Rhinovirus Infection in Allergic Airways Disease	PhD (Immunology & Microbiol)	Foster, Paul
Mr	Haw	Tatt Jhong	Investigation of Pathogenesis of Chronic Obstructive Pulmonary Disease (COPD)	PhD (Immunology & Microbiol)	Hansbro, Phil
Ms	Heidari	Moones	Gene Expression in Brain of Hfe-/xTfr2mut Mouse, A Model of Human Iron Overload	PhD (Medical Genetics)	Milward, Liz
Mr	Heravi Shargh	Vahid	Multifunctional Nanomedicines Based on Albumin for Targeted Cancer Therapy	PhD (Pharmacy)	Liang, Roger
Mr	Hoffman	Alexander	The Protein Phosphatase 2A in Alzheimer's Disease Pathogenesis	M Philosophy (Medical Biochem)	Sontag, Estelle
Mrs	Hollins	Sharon	The Role of miRNA and Post-Transcriptional Gene Silencing in Mediating the Mammalian Brains Response to Environmental Stress During Development and Ageing	PhD (Medical Biochemistry)	Cairns, Murray
Miss	Hood	Rebecca	Determining Factors within Cerebrospinal Fluid that Cause Intracranial Pressure to Rise Post-Stroke	PhD (Human Physiology)	Spratt, Neil
Mr	Hu	Hao	Health Related Quality of Life and Economic Burden of Prevalent Chronic Diseases in China	PhD (Pharmacy)	Li, Shu Chuen
Mr	Jameel	Faizan	Dietary fructose and cardio-metabolic health	PhD (Pharmacy)	Garg, Manohar
Ms	Jankowski	Helen	Identification of Biomarkers and Novel Targets for Prostate Cancer from Exosomes	PhD (Medical Biochemistry)	Weidenhofer, Judith
Dr	Jhamb	Manish Kumar	Role of Wnt Signalling in Testicular Morphogenesis and Carcinogenesis	PhD (Medical Biochemistry)	Tanwar, Pradeep

Title	Last Name	First Name	Research Topic	Program Description	Principal Supervisor
Miss	Jones	Bernadette	Assessing the Epigenetic Involvement in the Development and Progression of Chronic Obstructive Pulmonary Disease (COPD)	PhD (Immunology & Microbiol)	Hansbro, Phil
Ms	Jones	Kimberley	Environmental Enrichment to Improve Outcome After Stroke - What are the Key Contributory Factors?	PhD (Anatomy)	Walker, Rohan
Dr	Kamien	Benjamin	Investigating the Genetic Cause of Overgrowth Syndromes	M Philosophy (Medical Genetic)	Scott, Rodney
Miss	Kluge	Murielle	Examining the Role of Stress in Modulating the Function of Glia	PhD (Anatomy)	Walker, Rohan
Miss	Kongsui	Ratchaniporn	An Examination of How Environmental Disturbances Alter Microglia Morphology and Function Within the CNS	PhD (Human Physiology)	Walker, Rohan
Miss	Larkin	Kate	The Role of Genetics and the Gut Microbiome in Colorectal Cancer Diagnosis.	M Philosophy (Medical Genetic)	Scott, Rodney
Dr	Lau	Tang	The Cost Effective Management of Osteoporosis to Prevent Fractures in Singapore	PhD(Experimental Pharmacology)	Li, Shu Chuen
Ms	Li	Qian	Fatty Acids and the Innate Immune Response	PhD (Medical Biochemistry)	Wood, Lisa
Mr	Liu	Gang	The Roles of Fibulin-1 in Airway Remodelling in Lung Diseases	PhD (Immunology & Microbiol)	Hansbro, Phil
Ms	Logan	Caitlin	Investigating Cerebrospinal Fluid Dynamics during Intracranial Pressure Elevation after Stroke	PhD (Human Physiology)	Spratt, Neil
Mr	Lu	Zhe	Contribution of Cell Death to the Pathogenesis of Chronic Obstructive Pulmonary Disease (COPD)	PhD (Immunology & Microbiol)	Hansbro, Phil
Ms	Luan	Luan	Identification and Classification of Adverse Drug Reactions in China: Development and Validation of a Quantitative Combined System Using Generic Algorithm	PhD (Pharmacy)	Li, Shu Chuen
Mr	Mahmoudi	Ebrahim	Study of miRNA Role and Mechanism in Synaptic Plasticity and the Pathogenesis of Schizophrenia	PhD (Medical Genetics)	Cairns, Murray
Mr	Mannan	Abdul	PPP2R2A - A Novel Biomarker and Therapeutic Target for Luminal B Breast Cancer	PhD (Medical Biochemistry)	Verrills, Nikki
Miss	Martin	Kristy	The Effects of Iron Dysregulation on the Heart, Lungs and Reproductive System	M Philosophy (Medical Genetic)	Milward, Liz
Mrs	Masson	Amy	Copy Number Variants and Their Role in Hereditary Breast and Colorectal Cancers	PhD (Medical Genetics)	Scott, Rodney
Mr	Mateer	Sean	Identifying the Mechanisms of Lung Inflammation Associated with Inflammatory Bowel Disease	PhD (Immunology & Microbiol)	Keely, Simon
Ms	Mathe	Andrea	The Functional Role of MicroRNAs Associated With Lymph Node Metastasis in Triple Negative Breast Cancer	PhD (Medical Genetics)	Scott, Rodney
Miss	Mayall	Jemma	The Role of Interferon Epsilon in Protection Against Chlamydia Reproductive Tract Infections	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Mayhew	Jack	Chronic Stress-Induced Glial Disturbances	PhD (Anatomy)	Walker, Rohan
Mr	Mazloumi Gavgani	Alireza	New Integrative Biomarkers for Assessing Motion Sickness	PhD (Human Physiology)	Nalivaiko, Eugene
Miss	Mcinerney	Kirsten	Perinatal Stress and its Effect on Neurosteroid Levels and Behavioural Outcomes	PhD(Experimental Pharmacology)	Hirst, Jon
Mrs	Mohammed O Alshamsan	Fatimah	Vitamin D Status of Older People in Relation to Non-Communicable Disease	PhD (Medical Biochemistry)	Garg, Manohar
Miss	Mohd Tahir	Nurul Ain	Quality use of Medicines in Malaysian Public Health System: The Role of Pharmacists	PhD (Pharmacy)	Li, Shu Chuen
Ms	Monogar	Prema	Immunoregulatory Therapies for Inflammatory Diseases	PhD (Immunology & Microbiol)	Hansbro, Phil
Miss	Morten	Brianna	p53 Isoforms in Breast Cancer	PhD (Medical Genetics)	Kiejda, Kelly
Miss	Murray	Heather	Identifying novel therapeutic targets for the treatment of Acute Myeloid Leukaemia	PhD (Medical Biochemistry)	Verrills, Nikki
Mr	Nealon	Rhenan	Lifestyle interventions to counteract cognitive decline in diabetes	PhD (Human Physiology)	Howe, Peter
Mr	Nguyen	Duc	Role of TLR/IL-13/STAT6/PI3K Response in Early-life Respiratory Infection and Infection-Induced Chronic Lung Disease	PhD (Immunology & Microbiol)	Hansbro, Phil
Mrs	Nguyen	Thi Hiep	Roles of Bromodomain and extra terminal (BET) proteins in Suppression of Airway Inflammation	PhD (Immunology & Microbiol)	Yang, Ming
Mr	Nguyen	Tu-Son	Improvement of Quality Use of Medicine in Chronic Respiratory Diseases	PhD (Pharmacy)	Li, Shu Chuen
Mr	Nikolaev	Yury	Mechanosensitivity of TRPC6 Channels and its Role in Mechanoelectric Feedback of the Heart	PhD (Human Physiology)	Laver, Derek
Mr	Oo	Ye Win	Effects of Calmodulin on Function of Cardiac Ryanodine Receptor	PhD (Human Physiology)	Laver, Derek
Mrs	Parkinson	Gemma	Ageing of the Somatic Motor Nervous System: A Nuclear and Mitochondrial Genome Perspective	PhD (Medical Biochemistry)	Smith, Douglas
Miss	Patience	Madeleine	Astrocytes and Recovery from Ischemic Stroke	PhD (Anatomy)	Walker, Rohan
Mr	Pietrogrande	Giovanni	Examining the Role of Stress, Glia and Cognitive Function	PhD (Anatomy)	Walker, Rohan
Mr	Pinkerton	James	Elucidating the Mechanisms of Infection-Induced, Steroid-Resistant Asthma	PhD (Immunology & Microbiol)	Horvat, Jay
Miss	Poppi	Lauren	Synaptic Properties of the Peripheral Efferent Vestibular System	PhD (Anatomy)	Brichta, Alan
Mr	Quah	Min	Enhancement of Oncolytic Coxsackievirus A21 with Conventional Chemotherapies and Immune Checkpoint Inhibitors for the Treatment of Melanoma	PhD (Immunology & Microbiol)	Au, Gough
Miss	Quinn	Rikki	Role of miRNA in Addiction Vulnerability	PhD (Anatomy)	Dayas, Chris
Mr	Riazuddin	Mohammed	To Be Advised	PhD (Human Physiology)	Pringle, Kirsty
Mr	Richards	Craig	Influence of Shoe Design on Running Mechanics	PhD (Human Physiology)	Callister, Robin
Miss	Rodrigues Oliveira	Sonia	The Nerve-Cancer Connection: Tumour Innervation and Tropic Factors in Ovarian Cancer	PhD (Human Physiology)	Jobling, Phil
Miss	Rutting	Sandra	Fatty Acids and Bronchodilator Responses	PhD (Immunology & Microbiol)	Hansbro, Phil
Mr	Sahoo	Subhransu	Role of microenvironment in endometrial cancer progression, metastasis and drug resistance	PhD (Medical Biochemistry)	Tanwar, Pradeep
Miss	Sercombe	Lisa	The Role of mTOR Hyperactivation in the Pathogenesis of PCOS	PhD (Medical Biochemistry)	Tanwar, Pradeep
Mr	Shahandeh	Ali	Effect of Iron loading on vision in a mouse model of haemochromatosis	PhD (Medical Genetics)	Milward, Liz
Miss	Shaw	Julia	Neurosteroidogenesis, Neurodevelopment and Behaviour Following Preterm Birth: Effect of Prenatal and Postnatal Therapies	PhD(Experimental Pharmacology)	Hirst, Jon
Mr	Skerrett-Byrne	David	Chronic Obstructive Pulmonary Disease (COPD)	PhD (Immunology & Microbiol)	Hansbro, Phil
Miss	Smith	Kelly	The Role of Calretinin Positive Interneurons in Spinal Sensory Coding	PhD (Human Physiology)	Graham, Brett
Mr	Smith	Lincoln	Investigation of Oncolytic CVA21 as a Potential Treatment for Pancreatic Cancer	PhD (Immunology & Microbiol)	Au, Gough
Mrs	Sunkara	Krishna	Identification of New Therapeutics in COPD/ Emphysema	PhD (Immunology & Microbiol)	Hansbro, Phil
Dr	Syed	Shafiq	Endometrial Stem/Progenitor Cells in Endometrial Regeneration, Carcinogenesis and Aging	PhD (Medical Biochemistry)	Tanwar, Pradeep
Mr	Thota	Rohith Nagendra	Evaluation of a Nutraceutical Formulation for Prevention of Type 2 Diabetes	PhD (Pharmacy)	Garg, Manohar
Dr	Tshokey	.	A Study of Rickettsial Diseases in Bhutan.	PhD (Immunology & Microbiol)	Graves, Stephen
Dr	Udeh	Raphael	Identifying the Functional Role of SBDS Protein, A Novel Drug Target in Acute Myeloid Leukaemia	M Philosophy (Medical Biochem)	Verrills, Nikki
Mrs	Wang	Chunyan	Targeting Heat Shock Protein Hsp90 in Colon Cancer	PhD (Medical Biochemistry)	Zhang, Xu Dong
Miss	Wang	Jiayu	Targeting Human Mut T Homolog1 in Melanoma	PhD (Medical Biochemistry)	Zhang, Xu Dong
Miss	Warren	Kirby	Cooling the Skin while Maintaining Normal Core Temperature to Prevent Intracranial Pressure Elevation and Improve Outcome after Stroke	PhD (Human Physiology)	Spratt, Neil
Miss	Warren	Ryan	Expression of the Uncharacterised BCL-2 Isoform, BCL2-B in Melanoma	PhD (Medical Genetics)	Bowden, Nikola
Mr	Waters	David	Epigenetics of Lung Cancer	PhD (Immunology & Microbiol)	Hansbro, Phil
Dr	Wellings	Thomas	Physiological and Behavioural Characterisation of Central Vestibular Function	PhD (Anatomy)	Lim, Rebecca
Mr	Williams	Evan	Fruit and Vegetable Extract for the Reduction of Obesity-Induced Inflammation	PhD (Medical Biochemistry)	Wood, Lisa
Miss	Williams	Rebecca	Sex Differences in Obesity and Responses to Obesity Treatment	PhD (Human Physiology)	Callister, Robin
Ms	Wong Vern Yee	Yvonne	Investigation of Oncolytic Coxsackievirus A21 as a Potential Treatment for Lung Cancer	PhD (Immunology & Microbiol)	Au, Gough

Title	Last Name	First Name	Research Topic	Program Description	Principal Supervisor
Mr	Woods	Jason	Neuropathological Effects of Putative Modifiers of Alzheimer's Disease Risk and Progression: Investigation in Mouse Models	PhD (Medical Genetics)	Milward, Liz
Mr	Yari	Hamed	To Look at Long Non-Coding RNAs in Melanoma	PhD (Medical Biochemistry)	Zhang, Xu Dong
Mr	Yeoh	Jiann	Drug-Induced Changes to the Lateral Hypothalamic Orexin Circuits and Downstream Projection Targets	PhD (Anatomy)	Dayas, Chris
Dr	Yusufujang	Abula	The Lymphatic Function in Diabetes	PhD (Human Physiology)	van Helden, Dirk
Miss	Zalewska	Katarzyna	Investigating the Role of Glia and Glial Communication in Recovery from Stroke	PhD (Anatomy)	Walker, Rohan
Mrs	Zamanitaghizadeh Rabe	Shahrzad	Novel Signalling Pathways in Food Allergy and Eosinophilic Oesophagitis	PhD (Immunology & Microbiol)	Foster, Paul
Miss	Zapirain	Rebecca	Dietary Fibre As A Modulator of Inflammation In Asthma	PhD (Medical Biochemistry)	Wood, Lisa
Miss	Zhang	Xiajie	Relationship of p53 β to Breast Cancer Progression	PhD (Medical Genetics)	Kiejda, Kelly
Miss	Zhao	Zidan	The Effect of Chronic Stress on Stroke Recovery	PhD (Anatomy)	Walker, Rohan