

FOUNDATION GRANTS - 2013

BRAIN SCIENCE RESEARCH

Dr Peter Crack

Department of Pharmacology, The University of Melbourne

"The control of neural inflammation in traumatic brain injury."

Dr Kaylene Young

University of Tasmania, Menzies Research Institute Tasmania

"Establishing a state-of-the-art 'live cell recording and imaging facility' at the Menzies Research Institute Tasmania."

Dr Tammy Money

Melbourne Brain Centre

"Investigation of the expression and function of proteins implicated in schizophrenia."

Prof Jens Coorsen

Department of Molecular Physiology, University of Western Sydney School of Medicine

"Real-time analyses of single cell functions using electrophysiology: Dissecting the central mechanism of neuronal function."

Prof Simon Brown

Centre for Clinical Research in Emergency Medicine (CCREM), Western Australian Institute for Medical Research (WAIMR)

"Immune signalling after traumatic brain injury."

Dr Kim Woojin

Neuroscience Research Australia

"Lipid as a potential target for intervening the disease process of multiple system atrophy."

DIABETES RESEARCH

Associate Professor Susan McLennan

University of Sydney, Discipline of Medicine

"The role of inflammatory cell apoptosis in delayed wound healing in diabetes."

Associate Professor Amanda Sainsbury-Salis

The Boden Institute of Obesity, Nutrition, Exercise & Eating Disorders, The University of Sydney

"Gold-standard assessment of body composition during interventions to prevent diabetes and the frailty of old age."

Associate Professor Bronwyn O'Brien

School of Medical & Molecular Biosciences, University of Technology Sydney

"Helmedix Therapeutics: Prevention of autoimmune disease and transplant rejection using a novel immune-modulatory molecule from a worm."

Associate Professor Anandwardhan Hardikar

NHMRC Clinical Trials Centre, Faculty of Medicine, Sydney University

"A novel method to diagnose damage to eye in diabetes."

GENETIC RESEARCH

Dr Cecile King

Department of Immunology and Inflammation, Garvan Institute of Medical Research

"Environmental triggers of autoimmune disease"

Dr Sherif Boulos

Molecular Neurobiology Group, Australian Neuro-muscular Research Institute

"Investigation of mutations in the LLRK2 protein that causes Parkinson's Disease."

Dr Viive Howell

Bill Walsh Cancer Research Laboratories, Royal North Shore Hospital

"Towards personalising chemotherapeutic treatment for cancer – investigating inter-ethnic differences in genetic susceptibility to anti-cancer drug toxicity."

GERIATRIC RESEARCH

Associate Professor Hala Zreiqat

Biomaterials and Tissue Engineering Research Unit, School of Aerospace, Mechanical and Mechatronic Engineering, University of Sydney

"Microstructural design strategies for repairing traumatic skeletal injuries"

Dr Christopher Vidal

Sydney Medical School, Nepean Hospital

"The role of the nuclear envelope in age-related bone loss"

LUNG RESEARCH

Dr Paul Soeding

Cardiovascular Therapeutics Unit, Department of Pharmacology, University of Melbourne

"The investigation of novel endothelin receptor antagonists and nitric oxide stimulators in the treatment of pulmonary hypertension."

Dr Rhys Allan

The Walter and Eliza Hall Institute of Medical Research

"Rewiring the circuitry of harmful white blood cells to treat asthma."

Prof William Rawlinson

Virology Research, School of Medical Sciences, University of New South Wales

"The impact of respiratory virus infections on young children with cystic fibrosis."

Dr Daniel Chambers

The Prince Charles Hospital Foundation

"A novel ex-vivo model of human lung disease to treat Pulmonary Arterial Hypertension."

Dr Heidi Smith-Vaughan

Menzies School of Health Research

"Chronic suppurative lung disease in Indigenous children; understanding the causes to inform improved treatment and vaccination strategies."

RHEUMATOLOGY RESEARCH

Professor David Findlay

Orthopaedics and Trauma, Royal Adelaide Hospital

"Towards an understanding of bone marrow lesions in osteoarthritis."

Professor Mark Hogarth

Centre for Immunology, Burnet Institute

"New markers of Th17 cells in rheumatoid arthritis."

Associate Professor Michael Hickey

Monash Medical Centre, Monash University

"In vivo imaging in rheumatological diseases."

VISION SCIENCE RESEARCH

Professor Michael Ibbotson

Australian College of Optometry, National Vision Research Institute

"Recreating vision in the retina using electrical stimulation."

Professor Stuart Graham

Australian School of Advanced Medicine, Macquarie University

"Dynamic characteristics of the retinal vessels: A new perspective for investigating systemic and ocular disease in vivo."