

2016 Grants and Awards - All

Underworks Millennium Type 2 Award

Researcher	Institute	Project Title	State
Dr Muh Geot Wong	Kolling Institute of Medical Research	Circulating transforming growth factor- β 1 (TGF- β 1) and bone morphogenetic protein-7 (BMP-7) reliably predict progressive nephropathy in patients with type 1 or type 2 diabetes mellitus.	NSW

Millennium Type 1 Award

Researcher	Institute	Project Title	State
Dr Andrew Sutherland	St Vincent's Institute	Type 1 immunity in type 1 diabetes	VIC

ADS Diabetes Australia Research Grant

Researcher	Institute	Project Title	State
Dr Dorit Samocha-Bonet	Garvan Institute of Medical Research	Body acid/base balance and insulin resistance in obesity	NSW

Kellion Diabetes Foundation Research Grant

Researcher	Institute	Project Title	State
Associate Professor Peter Meikle	Baker IDI Heart and Diabetes Institute	A new approach to the risk assessment of Type 1 Diabetes onset and progression	VIC

General Grants

Researcher	Institute	Project Title	State
Professor Stefan Broer	Australian National University	Targeting amino acid transport to treat type 2 diabetes	ACT
Professor Deborah Davis	University of Canberra	Eating4Two: optimising gestational weight gain smartphone application	ACT
Dr Nicola Lee	Garvan Institute of Medical Research	Osteoglycin, a novel regulator of glucose homeostasis	NSW
Dr Paul Benitez-Aguirre	The Children's Hospital at Westmead	Effect of Childhood Type 1 Diabetes on bone health: Is abnormal bone development during childhood related to increased adult fracture risk?	NSW
Dr Namson Lau	University of New South Wales	2POD-C: A Two part Phase II Open Label study of Denosumab for acute Diabetic Charcot Neuroarthropathy	NSW
Dr Timothy Murphy	University of New South Wales	Vascular RAGE in gestational diabetes	NSW
Dr Greg Smith	University of New South Wales	The effect of niclosamide ethanolamine on suppressing glucagon action in the liver	NSW
Professor Peter Gunning	University of New South Wales	Targeting the actin cytoskeleton in the development of insulin resistance	NSW
Dr Denovan Begg	University of New South Wales	Central nervous system insulin transport and resistance in obesity	NSW
Dr Kyle Hoehn	University of New South Wales	Evaluating a novel energy expenditure agonist for the reversal of obesity and insulin resistance	NSW
Dr Min Hu	University of Sydney	Developing Antigen Specific Treg Therapy for Improvement of Islet Transplant Outcomes	NSW

General Grants

Researcher	Institute	Project Title	State
Dr Greg Neely	University of Sydney	Sucralose causes hunger and alters sweet taste perception through transcriptionally regulated pathways.	NSW
Dr Lining Ju	University of Sydney	Investigate the mechanisms leading to a prothrombotic phenotype in diabetes - Examine dysregulated biomechanical platelet activation in Type 1 diabetes.	NSW
Dr Melkam Kebede	University of Sydney	Understanding the Role of a Single Nucleotide Polymorphism (SNP) in the pro-domain of Sorcs1 on Pancreatic Beta-cell Insulin Content.	NSW
Associate Professor Catherine Suter	Victor Chang Cardiac Research Institute	Programming of insulin resistance by obese fathers	NSW
Dr Angela Titmuss	Menzies School of Health Research	Assessment of the impact of maternal diabetes on growth and cardio-metabolic risk factors of pre-school aged children living in Central Australia	NT
Dr Linda Gallo	Mater Research Institute - University of Queensland	Mitochondrial dysfunction as a mediator of diabetic kidney disease	QLD
Dr Danielle Borg	Mater Research Institute - University of Queensland	Therapy targeting RAGE in type 1 diabetes.	QLD
Dr Xin Liu	The University of Queensland	A pilot study to assess the efficacy of Tai Chi for Type 1 Diabetes	QLD
Dr Carlos Salomon	The University of Queensland	Determining the cellular mechanisms of insulin resistance in obese women who develop gestational diabetes: Placenta-derived exosome, a possible biomarker for the early detection of gestational diabetes.	QLD
Dr Helen Naug	Griffith University	Targeting diabetes in the work place: an intervention aimed at raising awareness and reducing occupational risk factors among transport workers.	QLD
Associate Professor Grant Brinkworth	CSIRO - Food and Nutrition	Continuous Glucose Monitoring: a novel self-monitoring behaviour change tool to enhance self-management of type 2 diabetes	SA
Dr Doan Ngo	University of Adelaide	Regulators of the novel anti-angiogenic isoform: VEGF-A165b in obesity-induced insulin resistance	SA
Dr Liza Phillips	University of Adelaide	Glycaemia in the critically ill - dysglycaemia as a predictor for incident type 2 diabetes and the effect of pre-existing type 2 diabetes on outcomes in survivors of critical illness	SA
Dr Damien Keating	Flinders University	RCAN1 is a novel regulator of fat mass and obesity	SA
Associate Professor Rebecca Robker	University of Adelaide	Is mitochondrial dysfunction in IVF blastocysts responsible for impaired glucose metabolism in offspring?	SA
Dr Chris Tikellis	Baker IDI Heart and Diabetes Institute	Developing an inhibitor of ACE2 shedding	VIC
Dr Andrew Carey	Baker IDI Heart and Diabetes Institute	Body Weight Control and Brown Fat Thermogenesis in humans: Implications for Obesity and Dieting	VIC
Dr Zhonglin Chai	Baker IDI Heart and Diabetes Institute	Concurrent targeting sclerotic and inflammatory pathways in diabetic complications	VIC
Dr Mitchel Tate	Baker IDI Heart and Diabetes Institute	Therapeutic targeting of HDAC4-BMP7 signalling to limit diabetic cardiomyopathy	VIC
Dr Kevin Watt	Baker IDI Heart and Diabetes Institute	Regulation of skeletal muscle function in type 2 diabetes by the Hippo signalling pathway effector YAP.	VIC
Dr Bianca Bernardo	Baker IDI Heart and Diabetes Institute	Targeting miRNA-652 as a microRNA-based therapy for the diabetic heart	VIC

General Grants

Researcher	Institute	Project Title	State
Dr Sean McGee	Deakin University	The role of GAPDH acetylation in the regulation of liver metabolism	VIC
Dr Greg Kowalski	Deakin University	Liver-type pyruvate kinase: a novel anti-hyperglycaemic target	VIC
Dr Glenn Wadley	Deakin University	Improving glycaemic control in type 2 diabetes with ascorbic acid	VIC
Professor John Bertram	Monash University	Podocyte loss, podocyte adaptation, and the development of diabetic nephropathy	VIC
Dr Garron Dodd	Monash University	Insulin on the Brain; Understanding the contribution of hypothalamic neurons in type 2 diabetes	VIC
Associate Professor Ian Smyth	Monash University	ABCA12: A master regulator of pancreatic lipid homeostasis essential for normal insulin secretion and beta cell survival.	VIC
Dr Bo Wang	Monash University	microRNA-378, a novel reno-protective regulator in diabetic nephropathy	VIC
Professor Raymond Norton	Monash University	Inhibitors of Protein Kinase C Epsilon (PKCε) for the Treatment of Type 2 Diabetes	VIC
Professor Emilio Badoer	RMIT University	Novel therapies for cardiovascular complications of diabetes and metabolic syndrome	VIC
Professor Jiming Ye	RMIT University	Overexpression of Nedd4-2 for the treatment of insulin resistance induced by high fructose diet	VIC
Associate Professor Martha Lappas	University of Melbourne	Can citrus flavones prevent the development of gestational diabetes mellitus (GDM)?	VIC
Dr Elena Velkoska	University of Melbourne	A new approach to treating diabetic nephropathy - targeting angiotensin converting enzyme 2	VIC
Dr Salvatore Mangiafico	University of Melbourne	Towards personalised medicine in type 2 diabetes	VIC
Dr Mary Xinmei Zhang	Victoria University	Is nNOSβ a major mediator of the increase in insulin sensitivity after contraction/exercise?	VIC
Dr Charis Teh	Walter and Eliza Hall Institute of Medical Research	Can we inhibit the rogue immune cells that attack the pancreatic islets and cause type I diabetes?	VIC
Dr Cyril Mamotte	Curtin University	Modulation of pancreatic β cell function with alanyl-glutamine including potentiation of sulfonylurea action and protection from lipotoxicity.	WA
Dr Vance Matthews	University of Western Australia	ADAM19 AND ADAM28: New Targets for Metabolic Disease	WA