

2018 Grants and Awards - All
Millennium Type 2 Award

Researcher	Institute	Project Title	State
Associate Professor Richard Young	University of Adelaide	Do artificial sweeteners affect glycaemic control adversely in people with type 2 diabetes?	SA

Millennium Type 1 Award

Researcher	Institute	Project Title	State
Dr Emma Hamilton-Williams	University of Queensland	Oral liposomes for antigen-specific immunotherapy of type 1 diabetes	QLD

Kellion Diabetes Foundation Research Grant

Researcher	Institute	Project Title	State
Dr Linda Gallo	University of Queensland	The heart and kidneys in type 2 diabetes: unravelling mechanisms to explain the benefits of SGLT2 inhibition	QLD

General Grants

Researcher	Institute	Project Title	State
Professor Chris Nolan	Australian National University	Genetic basis of non-immune islet beta-cell susceptibility to failure in a substrain of NODk mice	ACT
Professor Trevor Biden	Garvan Institute of Medical Research	Novel roles for endoplasmic reticulum stress in beta cell dysfunction	NSW
Dr Carsten Schmitz-Peiffer	Garvan Institute of Medical Research	Dual Deletion of PKCepsilon and CerS6 in Adipose Tissue to Protect Insulin Sensitivity	NSW
Professor Kim Donaghue	The Children's Hospital at Westmead	Exploring health care utilisation and health outcomes in a childhood-onset diabetes cohort after 25 years of type 1 diabetes	NSW
Dr Kwok Leung Ong	University of New South Wales	Relationship of HDL-associated microRNAs with early stage cardiovascular disease in overweight and obese patients with type 2 diabetes	NSW
Dr Carmel Smart	University of Newcastle	Defining the optimal insulin management for high fat and protein meals in children and young people with Type 1 Diabetes on multiple daily insulin injection (MDI) therapy	NSW
Professor Stephen Colagiuri	University of Sydney	Appropriateness of access and utilisation of diabetes-related healthcare in Australia	NSW
Dr James Krycer	University of Sydney	Redefining insulin resistance as a metabolic defect beyond glucose transport	NSW
Dr Danqing Min	University of Sydney	Influencing anti-inflammatory functions of monocytes by targeting the haemoglobin scavenger receptor CD163 and matrix metalloproteinases: possible role in the development of diabetes complications	NSW
Dr Jacqueline Stoeckli	University of Sydney	Identification and Characterisation of a Novel Metabolite Involved in Insulin Resistance	NSW
Professor Peter Thorn	University of Sydney	Defining integrin-mediated regulation of insulin secretion	NSW
Professor Wah Cheung	Westmead Hospital	A multihospital case control study of pregnancy outcomes between women diagnosed by old and new criteria for gestational diabetes	NSW

General Grants

Researcher	Institute	Project Title	State
Dr Kristen Bubb	University of Sydney	Beta 3 adrenergic receptor stimulation as a novel treatment for limb and wound complications associated with type 2 diabetes	NSW
Dr Federica Barzi	Menzies School of Health Research	Time trends in diabetes in pregnancy, inter-generational risk of type 2 diabetes and complications of diabetes in the Northern Territory: a retrospective longitudinal study of 100,000 mothers and offspring born between 1986 to 2015	NT
Dr Sahar Keshvari	University of Queensland	Development of an IL-22 based immunocytokine as a novel therapeutic approach in type 2 diabetes	QLD
Dr Joan Li	University of Queensland	Targeted therapy for diabetic nephropathy using self-assembled nanoparticles	QLD
Dr Kirsty Short	University of Queensland	Preventing severe influenza in people with diabetes	QLD
Dr Carlos Salomon	University of Queensland	Understanding the role of adipose tissue-derived exosomal miRNA in obese women who develop gestational diabetes mellitus (GDM)	QLD
Associate Professor Leonie Heilbronn	University of Adelaide	Time Restricted Feeding, Glycaemic Control and the Adipose Tissue Transcriptome	SA
Professor Amanda Page	University of Adelaide	TRiPing up diabetes	SA
Professor Allison Cowin	University of South Australia	Development of a new pericyte therapy for the treatment of diabetic wounds	SA
Dr Miles De Blasio	Baker Heart and Diabetes Institute	Targeting cardiac adiponectin deficiency with cardiac-selective gene therapy to treat diabetic cardiomyopathy	VIC
Dr Judy de Haan	Baker Heart and Diabetes Institute	A novel approach combining antioxidant and inflammasome targeting to cure hypertensive Type 2 diabetic heart disease	VIC
Associate Professor David Dunstan	Baker Heart and Diabetes Institute	Do Frequent Active Breaks from Sitting Improve Glycaemia in Adults with Type 1 Diabetes?	VIC
Dr Graeme Lancaster	Baker Heart and Diabetes Institute	Characterising the role of a novel macrophage free fatty acid transporter in obesity-associated metabolic dysfunction	VIC
Mr Man Lee	Baker Heart and Diabetes Institute	Controlling platelet production to limit thrombotic risk in diabetes?	VIC
Associate Professor Dianna Magliano	Baker Heart and Diabetes Institute	World wide trends in diabetes incidence and mortality. Is the epidemic abating?	VIC
Dr Cheng Xue (Helena) Qin	Baker Heart and Diabetes Institute	Discovering New Drugs to Treat Diabetes-induced Cardiovascular Complications	VIC
Associate Professor Rebecca Ritchie	Baker Heart and Diabetes Institute	Novel gene therapy to treat the cardiac complications of diabetes	VIC
Professor Jonathan Shaw	Baker Heart and Diabetes Institute	Cell-free DNA and beta cell death: a novel method providing clinical insights into type 2 diabetes	VIC
Associate Professor Melinda Coughlan	Monash University	Targeting the C5a-C5aR1 signalling axis in type 1 diabetic kidney disease	VIC
Dr Devy Deliyanti	Monash University	Modulating diet and the immune system to treat diabetic retinopathy	VIC

General Grants

Researcher	Institute	Project Title	State
Dr Aneta Stefanidis	Monash University	Role of brown fat thermogenesis in sleeve gastrectomy induced improvements in glucose homeostasis	VIC
Professor Tony Tiganis	Monash University	The role of mitochondrial versus NOX4-derived ROS in insulin sensitivity	VIC
Professor Robert Widdop	Monash University	A novel target to treat diabetes induced cardiovascular dysfunction in type 1 diabetes	VIC
Professor Hanny Calache	North Richmond Community Health	Diabetes management: a feasible and acceptable model of shared responsibility between general practitioners, practice nurses and oral health professionals in community health services	VIC
Dr Thilini Thrimawithana	RMIT University	New strategy for managing diabetic retinopathy - evaluation of somatostatin formulations	VIC
Associate Professor David O'Neal	St Vincent's Hospital Melbourne	Evaluation of the Impact of Exercise and Related Counter-Regulatory Hormone Changes on the Performance of an Artificial Pancreas /Closed Loop System in Adults with Type 1 Diabetes and Impaired Awareness of Hypoglycaemia	VIC
Dr Colleen Elso	St. Vincent's Institute of Medical Research	Identifying pathogenic CD4+ T cells in human type 1 diabetes	VIC
Associate Professor John Wentworth	The Royal Melbourne Hospital	Does empagliflozin alter the natural history of human type 1 diabetes?	VIC
Dr Ajithkumar Vasanthakumar	The Walter and Eliza Hall Institute of Medical Research	Harnessing the immunomodulatory and thermogenic functions of IL-33 and SIRT1 to restrain Type 2 diabetes	VIC
Associate Professor Adam Deane	University of Melbourne	Improving outcomes for critically ill patients with type 2 diabetes	VIC
Associate Professor Martha Lappas	University of Melbourne	BET proteins – Key players in the pathogenesis of gestational diabetes mellitus?	VIC
Dr Jo-Anne Manski-Nankervis	University of Melbourne	Epigenetic markers of vascular damage and glycaemic variability in a general practice cohort of people with T2D and out of target HbA1c	VIC
Dr Sybil McAuley	University of Melbourne	Assessing the impact of closed-loop insulin delivery on glycaemia, physical and psychosocial well-being, sleep quality and cognition in older people with type 1 diabetes: a randomised, controlled study	VIC
Associate Professor Glenn Ward	University of Melbourne	Evaluation of the efficacy of islet cell transplantation in improving glycaemia, glucose counter-regulation, sleep quality and cardiac arrhythmias in adults with type 1 diabetes and hypoglycaemia unawareness	VIC
Associate Professor Itamar Levinger	Victoria University	Uncovering the therapeutic effects of osteocalcin in hind-limb immobilisation induced sarcopenia and insulin resistance	VIC
Dr Nigel Stepto	Victoria University	Examining a new mechanism of insulin resistance in skeletal muscle of women with PCOS	VIC
Dr Mary Abraham	University of Western Australia	Dishabituation in the restoration of hypoglycaemia awareness in patients with type 1 diabetes and impaired hypoglycaemia awareness	WA