

2023 Grant Round Outcomes

Charles Campbell Coghlan OAM Emerging Researcher Award

Researcher	Institute	Project Title	State
Dr Jennifer Snaith	Garvan Institute of Medical Research	REducing Cardiometabolic Risk with SEmaglutide in Type 1 diabetes (The RESET1 study)	NSW

Millennium Type 1 Diabetes Award

Researcher	Institute	Project Title	State
Dr John Karas	University of Melbourne	Oral Insulin	VIC

Millennium Type 2 Diabetes Award

Researcher	Institute	Project Title	State
Associate Professor Melkam Kebede	University of Sydney	Understanding the heterogeneity of insulin secretory granules	NSW

Kellion Diabetes Research Grant

Researcher	Institute	Project Title	State
Dr Chinmay Marathe	University of Adelaide	Cardiac Autonomic Neuropathy in Indigenous Australians with Diabetes and Pre-Diabetes	SA

General Grants

Researcher	Institute	Project Title	State
Dr Emily Cox	University of Newcastle	Enhancing Exercise Prescription and Adherence for Type 2 Diabetes Management for Adults with Long-COVID: A Randomised Pilot Trial	NSW
Dr Søren Madsen	University of Sydney	Cross Species Analysis of Hepatic Steatosis	NSW
Dr Stewart Masson	University of Sydney	A genetic α -defensin variant provides mechanistic insight into the host-microbiome interaction that controls whole body insulin sensitivity	NSW
Dr Hooi Hooi Ng	University of Sydney	Redox Regulation of the Na ⁺ -K ⁺ Pump β 1-subunit in Diabetes-induced Vascular Calcification	NSW
Associate Professor Natasha Rogers	University of Sydney	Ageing and beta cell dysfunction - can the endocrine pancreas be saved?	NSW
Dr Stefanie Puszka	Menzies School of Health Research	Towards the development of a family-based approach to type 2 diabetes care in First Nations communities in the Northern Territory	NT
Professor Jonathan Golledge	James Cook University	Assessing a novel drug therapy for ischemic ulceration	QLD
Dr James Krycer	The Council of the Queensland Institute of Medical Research (QIMR Berghofer)	Using organoids to elucidate how muscle contraction improves insulin action	QLD

General Grants

Researcher	Institute	Project Title	State
Associate Professor Emma Hamilton-Williams	University of Queensland	Gut microbial metabolites during early-life development as predictors of islet autoimmunity	QLD
Professor Jamie Craig	Flinders University	Developing genomic predictors for diabetic retinopathy	SA
Dr Vida Bitarafan	University of Adelaide	Combining lauric acid and tryptophan to lower postprandial blood glucose and reduce food intake in type 2 diabetes – developing a novel, nutrient-based management strategy	SA
Professor Chris Rayner	University of Adelaide	Impact of renal 'sweet taste' sensing on the risk of dysglycaemia	SA
Professor Gary Wittert	University of Adelaide	Improving chronic disease outcomes remotely with a digital nudge in individuals with type 2 diabetes	SA
Associate Professor Tongzhi Wu	University of Adelaide	Targeting intestinal bile acid sensing mechanisms to manage type 2 diabetes	SA
Dr Jantina Manning	University of South Australia	Uncovering NEDD4L as a new regulator and potential biomarker in diabetic nephropathy	SA
Dr Dino Premilovac	University of Tasmania	Understanding the role of insulin in the healthy and type 2 diabetic brain	TAS
Professor Judy de Haan	University of Melbourne	Validating a unique anti-inflammatory therapy to treat heart failure after a heart attack in Type 2 diabetic patients with co-morbid hypertension.	VIC
Dr Kevin Huynh	Baker Heart and Diabetes Institute	Plasma lipidomics to assess glucose tolerance and risk of type 2 diabetes	VIC
Dr Elizabeth Holmes-Truscott	Deakin University	Perceptions and experiences of social stigma among women with gestational diabetes: An exploratory qualitative study and development of a novel questionnaire employing co-design	VIC
Associate Professor Melinda Coughlan	Monash University	Boosting regulatory T cells with kidney-targeted nanoparticles to treat diabetic kidney disease	VIC
Dr Tracey Gaspari	Monash University	Pharmacological targeting of IRAP to resolve diabetes-induced cardiovascular complications	VIC
Dr Jay Jha	Monash University	Evaluating NOX5 as a promising therapeutic target for diabetic kidney disease	VIC
Associate Professor Lisa Moran	Monash University	Addressing type 2 diabetes risk in women with polycystic ovary syndrome (PCOS): A partnership between Monash Health PCOS clinic and Diabetes Victoria Life! community program	VIC
Professor Raymond Norton	Monash University	Novel Peptide-Based Inhibitors of Protein Kinase Cε Interactions as Dual-Action Agents for the Treatment of Type 2 Diabetes	VIC
Professor Rebecca Ritchie	Monash University	Lifting the Veil: Sex-specific Cardiac Benefits of Next-Generation Glucose-Lowering Therapy	VIC

General Grants

Researcher	Institute	Project Title	State
Dr Arpeeta Sharma	Monash University	Inhibiting Complement C5a Receptor1 to Improve Heart Function in Type 2 Diabetes	VIC
Dr Chris Tikellis	Monash University	Splice-switching oligonucleotides targeting ACE2 for the treatment of diabetic kidney disease	VIC
Dr Andrew Sutherland	St Vincents Institute of Medical Research	T cell engineering for enhancement of T regulatory cell function in Type 1 Diabetes	VIC
Dr Garron Dodd	University of Melbourne	Targeting Fibrosis in the Brain: A New Class of Drugs to Treat Type-2 Diabetes	VIC
Professor Paul Fournier	University of Western Australia	Does drinking water before and during exercise in the heat increase the risk of hypoglycaemia in people with type 1 diabetes mellitus?	WA
Dr Shaun Teo	University of Western Australia	Developing educational exercise resources to improve awareness and knowledge of Type 1 Diabetes within community sport settings	WA