



**#mydiabetesfamily**  
**#wdd2018**



**WORLD**  
**DIABETES**  
**DAY**  
**14 NOVEMBER**

# 2019 Diabetes Australia Research Program

## Victorian General Grants

Established in 1987, the Diabetes Australia Research Program (DARP) supports and develops outstanding diabetes-related research across Australia. The program provides funding towards the prevention, management and cure of all types of diabetes, as well as enabling and fostering young and upcoming researchers in the field of diabetes research.

Each year outstanding research projects are selected through a merit-based, competitive, peer review process. This year 52 projects were selected from the 320 applications received, bringing the total DARP funding to \$3.6 million for 2019. Diabetes Victoria will contribute \$1.4 million of this.

Among the recipients are 21 Victorian diabetes researchers who will receive a General Grant of up to \$60,000 each.

### General Grants

<b>Prof. Kylie Ball</b>	Deakin University	A novel approach for supporting healthy eating amongst disadvantaged individuals with type 2 diabetes
<b>Dr Bianca Bernardo</b>	Baker Heart and Diabetes Institute	A gene therapy approach targeting metabolic disturbances in the diabetic heart
<b>A/Prof. Clinton Bruce</b>	Deakin University	Mechanisms of insulin resistance in humans
<b>A/Prof. Neale Cohen</b>	Baker Heart and Diabetes Institute	Effects of empagliflozin on autonomic nervous system function and cardiac function in patients with type 2 diabetes
<b>Dr Miles De Blasio</b>	Baker Heart and Diabetes Institute	The role of abnormal cardiac glucose metabolism in the complications of type 2 diabetes in the heart
<b>A/Prof. Judy de Haan</b>	Baker Heart and Diabetes Institute	A novel antioxidant and anti-inflammatory approach to improve type 2 diabetic heart function after acute myocardial infarction
<b>Dr Devy Deliyanti</b>	Monash University	Fiber supplementation for the treatment of diabetic retinopathy
<b>Dr Barbara Fam</b>	University of Melbourne	Why do some people gain weight and others don't? Exploring the role of the gut specific g-protein coupled receptors in obesity development and resistance

<b>Ms Jennifer Halliday</b>	Deakin University	Type 1 diabetes consultation tool: A mixed methods adaptation and feasibility study in Australian type 1 diabetes tertiary care settings
<b>Dr Darren Henstridge</b>	Baker Heart and Diabetes Institute	Does ACAD10 mediate the metabolic effects of Metformin?
<b>Dr Greg Kowalski</b>	Deakin University	Metabolic tug-of-war: Deciphering the organ specific hierarchy of glucagon and insulin action under physiologically relevant conditions in humans
<b>Dr Kim Loh</b>	St Vincent's Institute of Medical Research	A novel mechanism for improving $\beta$ -cell function in diabetes
<b>Prof. Thomas Marwick</b>	Baker Heart and Diabetes Institute	Contribution of fibrosis and microvascular dysfunction to myocardial dysfunction in early diabetic cardiomyopathy
<b>A/Prof. Julie McMullen</b>	Baker Heart and Diabetes Institute	Novel PI3K gene therapy to protect the diabetic heart from heart failure and atrial fibrillation
<b>A/Prof. Andrew Murphy</b>	Baker Heart and Diabetes Institute	Exploring the role of hexokinase 3 in neutrophil glucose metabolism: Effects on diabetes-associated atherogenesis
<b>A/Prof. David Nikolic-Paterson</b>	Monash University	Preventing and limiting acute kidney injury in high risk diabetic patients
<b>Dr Jun Okabe</b>	Monash University	Epigenetic programming by histone methyltransferase in the bone marrow hematopoietic stem cells contributes to diabetic associated atherosclerosis
<b>Dr Arpeeta Sharma</b>	Baker Heart and Diabetes Institute	Targeting the inflammasome to ameliorate type 2 diabetic cardiac and vascular diseases
<b>Prof. Ed Stanley</b>	Murdoch Children's Research Institute	Developing an in-vitro model of type 1 diabetes
<b>Dr Andrew Sutherland</b>	St Vincent's Institute of Medical Research	Validating IL-17F as a therapeutic target for the prevention and treatment of type 1 diabetes
<b>Prof. Jennifer Wilkinson-Berka</b>	Monash University	Does boosting the adaptive immune system reduce hypertensive diabetic retinopathy?