



New Support for Next Generation Research

- 9 projects receiving new support through Australian Type 1 Diabetes Clinical Research Network, managed by JDRF
- Over \$700,000 of Government funding delivered to Australian researchers towards new research
- Supporting clinical trial development to improve access

The Australian Type 1 Diabetes Clinical Research Network (T1DCRN) will deliver new “Pilot and Feasibility” (P&F) grants to 9 research projects. These researchers are seeking to change the world for people with type 1 diabetes (T1D).

The P&F grants are designed to speed the progress of T1D research towards clinical trials by enabling small-scale ‘pilot’ research to take place. Projects at this stage that prove their feasibility will set the foundations for future collaborations and large-scale trials. Traditionally these small-scale projects have suffered from a shortage of research funding.

Grant recipients are represented by major universities and institutes across Australia. The scope covers a broad spectrum including immune therapies, biomarkers, telehealth, and exercise and lifestyle, across both paediatric and adult T1D patients.

The grants have been issued through the T1DCRN, which is a collaborative network that helps deliver better links between researchers, institutions, patients, industry and international networks. It has been supported by a \$5.0 million grant from the Australian Government to JDRF.

Grant recipient Lin Perry is Professor of Nursing Research and Practice Development in the Faculty of Health at UTS. She will use her grant to support a project that uses telehealth to support people in rural areas who use insulin pumps.

Prof Perry said “I’m thrilled to receive a T1DCRN grant for this project, which applies learnings from other diseases to addresses the inequality in access to medical experts as a result of distance for rural patients.”

“I saw an urgent need to use new technologies like insulin pump up-load functions, mobile phones and easily-available applications to help T1D patients in the country manage their chronic disease with greater help.”

JDRF CEO Mike Wilson said these grants were an example of intelligent research funding. “These are relatively small grants individually, but they respond to a big need in the research community and they are enabling grants, setting the scene for future research that could transform the world of T1D research.” ENDS

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Find out more www.t1dcrn.org.au



Full list of research projects funded

Lead Institution	Project Title
NHMRC Clinical Trials Centre	A clinical study for validating beta cell death in type 1 diabetes
University of Technology Sydney	Telehealth to support insulin pump users in regional and rural Australia
Murdoch Childrens Research Institute	Exploring the acute impact of hypo-&hyperglycaemia on brain function in T1D
Garvan Institute of Medical Research	Islet epigenetic programming and reprogramming during transplantation
Centre for Eye Research Australia Limited	Retinal vascular function during hyperglycaemia and the role of vitamin C
Garvan Institute of Medical Research	Machine-Intelligent Artificial Pancreas System
Baker IDI Heart and Diabetes Institute	Elucidating mitochondrial defects in human diabetic nephropathy
The University of Sydney	Type 1 Diabetes and Exercise RCT of an On-Line Educational Tool
Multiple institutions – to be announced	Collaborative Biospecimen Data Linkage Project

Notes to Editors

T1DCRN

Australia's CRN is using cutting edge science to ensure Australians with type 1 diabetes (T1D) have access to new therapies and treatments. It is building Australia's international competitiveness, as well as working to reduce the burden on Australia's healthcare budget.

The scientists, hospitals, patients and families involved in the Australian Type 1 Diabetes Clinical Research Network (CRN) are determined to get research out of the laboratory and into the lives of the 122,300 Australians with T1D. Since its launch by JDRF in June 2011 with a \$5 million grant from the Australian Government, the CRN has made a strong start.

JDRF and Type 1 Diabetes

Typically striking young people, type 1 diabetes is an autoimmune disease that destroys the ability to produce insulin, which is vital for life. Type 1 diabetes requires a daily regime of multiple injections or continuous infusion of insulin through a pump, as well as 6 – 8 finger-prick blood tests, to stay

Find out more www.t1dcrn.org.au

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**Australian Type 1 Diabetes
Clinical Research Network**

alive. Researchers are working hard to understand the complicated mix of genetic and environmental factors that may cause or trigger this disease. However, it is certain that going on a diet or cutting down on sugar doesn't stop type 1 diabetes.

JDRF is the world's leading not-for-profit supporter of type 1 diabetes research globally, investing more than \$1.6 billion since 1970 including more than \$63million into Australian research. JDRF's support has been behind most major advances in type 1 diabetes research in the past four decades.

Find out more www.t1dcrn.org.au

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CURING
TYPE 1
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