

# **The Australian Childhood Diabetes DNA Repository**

Enabling Grants Round 3 – Special Facilities

## **1. Contact Details**

Australian Childhood Diabetes DNA Repository,  
Diabetes Research Centre,  
Western Australian Institute for Medical Research,  
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Contact person: Prof Grant Morahan

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Website: to be developed

## **2. Description of the Facility/Activity**

The incidence of type 1 diabetes (T1D) is increasing and the last few years have also seen the alarming rise of childhood type 2 diabetes (cT2D).

Rational preventative treatments depend on understanding the disease mechanisms involved, but the exact causes of these diseases are still unknown. There is strong evidence that each has a genetic contribution.

Establishment of an accessible DNA Repository is the first step in identifying genetic risk factors for diabetes. The ability of Australian researchers to access relevant DNA samples from this Repository will maximize the capacity of our national research effort to make significant progress in understanding and ultimately preventing these diseases, as well as other disorders that may share genetic risk factors.

DNA samples will be made available on request to qualified Australian researchers with suitable ethics approval.

Available data: Pedigree data of coded families from the Australian Type 1 Diabetes DNA Repository (1996-2001); and families recruited for the Australian Childhood Diabetes DNA Repository (2006-).

Dates of availability: DNA samples will be available from March 1, 2007.

Preferred means of access: By email or letter to Prof. Grant Morahan (details as above).