

A Study of the Genetic Causes of Latent Autoimmune Diabetes in Adults

Principal Investigator	Struan Grant, PhD
Study Title:	A Study of the Genetic Causes of Latent Autoimmune Diabetes in Adults
Purpose:	<p>The pathophysiology of 'latent autoimmune diabetes in adults' (LADA) is considered less understood than its much better characterized counterparts of type 1 and type 2 diabetes (T1D and T2D), where its clinical presentation exhibits some features of each of these two main diseases, earning it a reputation as being "Type 1.5 Diabetes". On average 8-10% of patients diagnosed with T2D are in fact misdiagnosed LADA cases.</p> <p>The purpose of this study is to determine the discrete genetic factors conferring risk to the pathogenesis of this specific phenotype and to determine to what extent LADA shares genetic similarities with T1D and T2D. Such an approach may also uncover genetic variants that are common to both T1D and T2D.</p>
Brief Description	<p>Participation will consist of collection a single blood sample for genotyping.</p> <p>Individuals with LADA who fall into one of the following categories are eligible to participate:</p> <ul style="list-style-type: none">a. Initially Diagnosed with T2D with an age at initial diagnosis of T2D between >25-<40 and a BMI at initial diagnosis of T2D of <30b. Initially Diagnosed with T1D with age at initial diagnosis of T1D of >25c. Initially Diagnosed with LADA with age at initial diagnosis of LADA of >25 and positive GAD65 antibody
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