

DIABETES CANADA



OUR RESEARCHERS | DR. JASON DYCK

Thank you for your generosity. Diabetes Canada is grateful to our donors for supporting critical research that will end diabetes.

Through your support, Dr. Jason Dyck, Professor, Department of Pediatrics and Director of the Cardiovascular Research Centre, University of Alberta and Canada Research Chair in Molecular Medicine, is bringing us one step closer to helping people with diabetes and heart disease.

The number of individuals in the world with type 2 diabetes is rapidly growing. Many people with type 2 diabetes are also at risk of developing a wide variety of heart complications that are very often life threatening. One of the complications arising from diabetes is poor heart function that can gradually worsen over time. Very little is known about why the heart starts to function poorly. As a result, effective treatments for this condition cannot be developed.

Dr. Jason Dyck's aim for his Diabetes Canada supported project is to better understand what causes poor heart function during the development of type 2 diabetes with the ultimate goal of discovering ways to slow or prevent this complication.

He and his team have already identified a specific diabetic pathway in the heart that increases heart cell damage. Their research will improve understanding of how it damages heart cells, and determine if they can prevent poor heart function during the development of diabetes.

Dr. Dyck's ultimate goal is to develop treatment strategies for patients at risk for, or who have already developed, diabetic heart disease.

Thank you for giving hope for a healthier future people with diabetes and heart disease.