

## Barndiabetesfonden forskningsanslag fördelning 2021

Sökande	Projekttitel	Anslag 2021
Per-Ola Carlsson, Uppsala	Behandla och förhindra typ 1 diabetes med mesenkymala stamceller	2 034 000 kr
Daniel Espes, Uppsala	Evaluating the effect of GABA on beta-cell regeneration in type 1 diabetes	1 808 000 kr
Johnny Ludvigsson, Linköping	Studies of the gut microbiome to decrease the risk of developing Type 1 diabetes.	1 582 000 kr
Malin Flodström Tullberg, Huddinge	Biomarker(s) for enterovirus-induced beta cell damage	1 582 000 kr
Johnny Ludvigsson, Linköping	Innovative approaches to reserve residual insulin, especially intralymphatic Autoantigen Therapy in Type 1 diabetes	1 288 000 kr
Nils Welsh, Uppsala	Adenosine and inosine - two nucleosides so similar in structure but with opposite effects on beta-cell survival in Type 1 diabetes.	1 115 500 kr
Per Liss, Uppsala	MEDIRF (MR-Evaluation of Diabetes Induced Renal Failure) Studie av njurfunktion hos patienter med diabetesorsakad njurfunktionsnedsättning	960 500 kr
Bryndis Birnir, Uppsala	T cell are regulated by GABA, both in health and type 1 diabetes	904 000 kr
Olle Korsgren, Uppsala	REsVERaTrol in T1D (REVERT T1D)	847 500 kr
Joey Lau Börjesson, Uppsala	Will transplanted insulin-producing cells derived from autologous iPSC be tolerated in T1D individuals?	678 000 kr
Oskar Skog, Uppsala	Elucidating the etiology of type 1 diabetes with the aim of developing novel intervention strategies	678 000 kr
Gun Forsander, Göteborg	Azithromycin-Insulin-Diet-intervention-Trial in Type 1 Diabetes (AIDIT)	621 500 kr
Olof Eriksson, Uppsala	MIDAS study - Macrophage and Neutrophil Imaging in Diabetes	563 914 kr
Gustaf Christoffersson, Uppsala	A chemokine receptor governing the interplay between islet-resident macrophages and nerves	508 500 kr
Marcus Lundberg, Uppsala	Undersökning av alfaceller vid typ 1 diabetes	452 000 kr
Xuan Wang, Uppsala	Origin of extracellular vesicles that participate in the development of Type 1 diabetes: Identity tracking by combined single extracellular vesicle membrane proteomics and islet single cell RNA sequencing	452 000 kr
Beatrice Kennedy, Uppsala	Cardiovascular Health in Parents to Children with Type 1 Diabetes	395 500 kr
Luis Sarmiento-Pérez, Malmö	Dysregulation of autophagy and extracellular vesicles secretion in pancreatic beta cells- A viral strategy for triggering type 1 diabetes?	339 000 kr
Carina Sparud Lundin, Göteborg	Physical activity in children and young people with type 1 diabetes – barriers, facilitating factors and support to athletes	297 231 kr
Soffia Guðbjörnsdóttir, Askim	Geographical distribution and influence of environmental factors on the incidence of type 1 diabetes in Sweden	282 500 kr
Corrado M Cilio, Malmö	The role of pancreatic tissue immunosurveillance in the development of diabetes	282 500 kr
Diana Swolin-Eide, Göteborg	En studie av ungdomar med typ-1 diabetes avseende bentäthet och benmarkörer “SweBone Diab”	226 000 kr
Rosaura Casas, Linköping	Elucidating the mechanism for GAD-alum immunomodulation	226 000 kr
Isabella Artner, Lund	Neural control of human pancreas development	226 000 kr
Annelie Carlsson, Lund	The genetic landscape of children with T1D, help in the clinic and in the etiology of the disease	226 000 kr
Janeth Leksell, Uppsala	Virtuell vård – morgondagen diabetesvård?	226 000 kr
Brjánn Ljótsson, Solna	Improving self-management in childhood diabetes – the effects of a CBT-based intervention for parents	226 000 kr
Virginia M Stone, Huddinge	Investigating the enterovirus-specific antiviral activity of repurposed drugs in beta-cells and murine models for type 1 diabetes.	226 000 kr
Anirudra Parajuli, Huddinge	Exposure to natural materials to prevent type 1 diabetes	226 000 kr
Ulf Ahlgren, Umeå	3D reconstruction of the human pancreas with micrometer precision - spatial and quantitative assessment of cellular characteristics of the T1D pancreas	226 000 kr
<b>Summa:</b>		<b>19 706 145 kr</b>