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From non-obese diabetic to Pancreatic Organ Donors with Diabetes: New Heights in type 1 diabetes research

Lourdes Ramirez, Abdel Rahim A Hamad

Abstract

Since the discovery of therapeutic insulin in 1922 and the development of the NOD spontaneous mouse model in 1980, the establishment of nPOD (Network for the Pancreatic Organ Donor with Diabetes) in 2007 is arguably the most important milestone step in advancing T1D research. In this perspective, we briefly describe how nPOD is transforming T1D research via procuring and coordinating analysis of disease pathogenesis directly in human organs donated by deceased diabetic and

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The precise etiology of type 1 diabetes (T1D) is still unknown, but viruses have long ... However, despite decades of research, the body of evidence supporting a Programs such as the Network for Pancreatic Organ Donors (nPOD) nonobese diabetic mice involves extraintestinal spread and delays diabetes onset.

The Sugar Spectre - IEEE PULSE

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2014年5月16日 - There are two primary variations: In type 1 diabetes, the body destroys ... physician at the Sansum Diabetes Research Institute, two new mothers in their 20s ... bred two animal models [the nonobese diabetic (NOD) mouse and the ... director of the Network for Pancreatic Organ Donors with Diabetes (nPOD)]