Resource Summary Report

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Network for Pancreatic Organ Donors with Diabetes

RRID:SCR_014641
Type: Tool

Proper Citation

Network for Pancreatic Organ Donors with Diabetes (RRID:SCR_014641)

Resource Information

URL: http://www.jdrfnpod.org

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Description: A collaborative research project that supports nPOD approved diabetes investigators by freely providing rare and difficult-to-obtain tissues from type 1 and type 2 diabetes donors. Interested researchers are encouraged to apply to obtain nPOD tissues, or to request access to analyze cases in the nPOD Online Pathology site. Interested donors can contact nPOD directly for more information.

Abbreviations: nPOD

Synonyms: Network for Pancreatic Organ Donors with Diabetes (nPOD), The Network for Pancreatic Organ Donors with Diabetes

Resource Type: tissue bank, material resource, biomaterial supply resource

Keywords: biosample, diabetes, type 1 diabetes, type 2 diabetes, donor, human, tissue, tissue supplier, pancreas, biomaterial supply resource, organization

Related Condition: Type 1 diabetes, Diabetes

Funding:

Availability: Public, Available to the research community, Must be an approved nPOD investigator to receive samples

Resource Name: Network for Pancreatic Organ Donors with Diabetes

Resource ID: SCR_014641

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250519T204823+0000

Ratings and Alerts

- Used for TCR:BCR Tool by the Human Islet Research Network community. Contact(s): Klaus Kaestner, Daniel Traum, Irina Kusmartseva - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Network for Pancreatic Organ Donors with Diabetes.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 139 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Carré A, et al. (2025) Interferon-? promotes HLA-B-restricted presentation of conventional and alternative antigens in human pancreatic ?-cells. Nature communications, 16(1), 765.

Huber MK, et al. (2025) Beta cell dysfunction occurs independently of insulitis in type 1 diabetes pathogenesis. bioRxiv : the preprint server for biology.

Drotar DM, et al. (2024) Impaired islet function with normal exocrine enzyme secretion is consistent across the head, body, and tail pancreas regions in type 1 diabetes. bioRxiv : the preprint server for biology.

Cohrs CM, et al. (2024) Bridging the Gap: Pancreas Tissue Slices From Organ and Tissue Donors for the Study of Diabetes Pathogenesis. Diabetes, 73(1), 11.

Drotar DM, et al. (2024) Impaired islet function and normal exocrine enzyme secretion occur with low inter-regional variation in type 1 diabetes. Cell reports, 43(6), 114346.

Golden GJ, et al. (2024) Immune perturbations in human pancreas lymphatic tissues prior to and after type 1 diabetes onset. bioRxiv : the preprint server for biology.

Patra M, et al. (2024) Senescence of human pancreatic beta cells enhances functional maturation through chromatin reorganization and promotes interferon responsiveness. Nucleic acids research, 52(11), 6298.

McGrail C, et al. (2024) Genetic association and machine learning improves discovery and prediction of type 1 diabetes. medRxiv : the preprint server for health sciences.

Kahraman S, et al. (2024) m6A mRNA methylation by METTL14 regulates early pancreatic cell differentiation. The EMBO journal.

Vecchio F, et al. (2024) Coxsackievirus infection induces direct pancreatic ? cell killing but poor antiviral CD8+ T cell responses. Science advances, 10(10), eadl1122.

Herold KC, et al. (2024) The immunology of type 1 diabetes. Nature reviews. Immunology, 24(6), 435.

Linsley PS, et al. (2024) Germline-like TCR-? chains shared between autoreactive T cells in blood and pancreas. Nature communications, 15(1), 4971.

Laiho JE, et al. (2024) Detection of enterovirus RNA in pancreas and lymphoid tissues of organ donors with type 1 diabetes. medRxiv : the preprint server for health sciences.

Wright JJ, et al. (2024) Exocrine Pancreas in Type 1 and Type 2 Diabetes: Different Patterns of Fibrosis, Metaplasia, Angiopathy, and Adiposity. Diabetes, 73(7), 1140.

Panzer JK, et al. (2024) Generating Human Pancreatic Tissue Slices to Study Endocrine and Exocrine Pancreas Physiology. Journal of visualized experiments : JoVE(205).

Costanzo A, et al. (2024) Repositioning the Early Pathology of Type 1 Diabetes to the Extraislet Vasculature. Journal of immunology (Baltimore, Md. : 1950), 212(7), 1094.

Drawshy Z, et al. (2024) DNA Methylation-Based Assessment of Cell Composition in Human Pancreas and Islets. Diabetes, 73(4), 554.

Xie G, et al. (2024) NKX2-2 based nuclei sorting on frozen human archival pancreas enables the enrichment of islet endocrine populations for single-nucleus RNA sequencing. BMC genomics, 25(1), 427.

Jevon D, et al. (2024) Capillary contact points determine beta cell polarity, control secretion and are disrupted in the db/db mouse model of diabetes. Diabetologia, 67(8), 1683.

Vecchio F, et al. (2023) Coxsackievirus infection induces direct pancreatic ?-cell killing but poor anti-viral CD8+ T-cell responses. bioRxiv : the preprint server for biology.