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: biomaterial supply resource, material resource, tissue bank

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

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: 20260821T042932+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 194 mentions in open access literature.

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

van der Heide V, et al. (2026) Integrated histopathology of the human pancreas throughout stages of type 1 diabetes progression. Nature communications, 17(1).

Saunders DC, et al. (2026) Mapping histologic and functional maturation of human endocrine pancreas across early postnatal periods. Nature communications, 17(1).

Rawat P, et al. (2026) Identification of a type 1 diabetes-associated T cell receptor repertoire signature from the human peripheral blood. Science advances, 12(7), eadx7448.

Peters LD, et al. (2026) Aberrant immune regulation and enrichment of stem-like CD8+ T cells in the pancreatic lymph node during type 1 diabetes development. bioRxiv : the preprint server for biology.

Becker MW, et al. (2026) Beta cell-targeted PD-1 agonist inhibits cell-mediated autoimmunity in pancreas tissue slices. Science advances, 12(14), eaec9029.

Landry LG, et al. (2026) Quantitative V gene-targeted T cell receptor sequencing as a biomarker in type 1 diabetes. JCI insight, 11(3).

Álvarez-Cubela S, et al. (2026) Protocol to study regeneration in human pancreatic slices using viral tracing, extended culture, dissociation, and functional Ca2+ influx techniques. STAR protocols, 7(2), 104442.

Medina-Serpas MA, et al. (2026) Spatial transcriptomics from pancreas and local draining lymph node tissue reveals a lymphotoxin-? signature in human type 1 diabetes. Cell reports, 45(4), 117144.

Teitelman G, et al. (2026) Cytoplasmic Translocation of the Transcription Factor pCREB and Altered Proteostasis in Human Islet Cells During Type 1 Diabetes Development. The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society, 74(1), 53.

Amdare N, et al. (2026) Islet-derived T cells from both mice and humans recognize conserved insulin A-chain peptides presented by HLA-C*03:04. Journal of immunology (Baltimore, Md. : 1950), 215(2).

Dewhurst-Trigg RE, et al. (2026) Characterisation of human pancreatic mesenchymal stromal cells in type 1 diabetes. Diabetologia, 69(4), 966.

Syed F, et al. (2026) Beta cell microRNAs function as molecular hubs of type 1 diabetes pathogenesis and as biomarkers of diabetes risk. Diabetologia, 69(7), 1975.

Anderson AM, et al. (2026) Beta cell reactivity defines disease-relevant pancreatic CD8 T cells in type 1 diabetes. bioRxiv : the preprint server for biology.

Steenbuck N, et al. (2026) Imaging mass cytometry reveals functional and immunological changes during type 1 diabetes progression in human pancreata. Nature metabolism, 8(7), 1603.

Pipella J, et al. (2026) Importance of antibody validation in detecting cell cycle regulatory protein p16 INK4A by immunohistochemistry on pancreas tissue. Islets, 18(1), 2706228.

Melton R, et al. (2025) Single-cell multiome and spatial profiling reveals pancreas cell type-specific gene regulatory programs driving type 1 diabetes progression. bioRxiv : the preprint server for biology.

Johansen CG, et al. (2025) Stressed ?-cells contribute to loss of peri-islet extracellular matrix in type 1 diabetes. bioRxiv : the preprint server for biology.

Lazimi CS, et al. (2025) Efficient transduction of pancreas tissue slices with genetically encoded calcium integrators. bioRxiv : the preprint server for biology.

Melton R, et al. (2025) Single-cell multiome and spatial profiling reveals pancreas cell type-specific gene regulatory programs of type 1 diabetes progression. Science advances, 11(37), eady0080.

Akhtar MN, et al. (2025) Developmental beta-cell death orchestrates the islet's inflammatory milieu by regulating immune system crosstalk. The EMBO journal, 44(4), 1131.