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: 20260805T044330+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 177 mentions in open access literature.

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

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.

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.

Laiho JE, et al. (2025) Detection of enterovirus RNA in pancreas and lymphoid tissues of organ donors with type 1 diabetes. Diabetologia, 68(6), 1211.

Ward HH, et al. (2025) Network for Pancreatic Organ donors with Diabetes-Kidney: A Heterogenous Donor Cohort for the Investigation of Diabetic Kidney Disease Pathogenesis and Progression. Kidney360, 6(1), 15.

Álvarez-Cubela S, et al. (2025) Pancreatic ?-cell regeneration in situ by the ALK3 agonist THR-123. Nature communications, 16(1), 6121.

Geravandi S, et al. (2025) The Hippo terminal effector YAP boosts enterovirus replication in type 1 diabetes. Nature communications, 16(1), 8882.

Kelly S, et al. (2025) Single-Islet Proteomics Maps Pseudo-Temporal Islet Immune Responses and Dysfunction in Stage 1 Type 1 Diabetes. bioRxiv : the preprint server for biology.

Rippa A, et al. (2025) 3D imaging of human pancreas suggests islet size and endocrine composition influence their loss in type 1 diabetes. bioRxiv : the preprint server for biology.

Golden GJ, et al. (2025) Immune perturbations in human pancreas lymphatic tissues prior to and after type 1 diabetes onset. Nature communications, 16(1), 4621.

Quesada-Masachs E, et al. (2025) Whole tissue spatial cellular analysis reveals increased macrophage infiltration in pancreata of autoantibody positive donors and patients with type 1 diabetes. bioRxiv : the preprint server for biology.

Nanaware PP, et al. (2025) The antigen presentation landscape of cytokine-stressed human pancreatic islets. Cell reports, 44(8), 115927.

Rippa A, et al. (2025) 3D imaging of human pancreas suggests islet sizeand endocrine composition influence their loss intype 1 diabetes. Research square.

Pala K, et al. (2025) Distribution of glutathione peroxidase-1 immunoreactive cells in pancreatic islets from type 1 diabetic donors and non-diabetic donors with and without islet cell autoantibodies is variable and independent of disease. Cell and tissue research, 400(3), 255.

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.

Becker MW, et al. (2025) Inhibition of cell-mediated immunity in type 1 diabetes by beta cell-targeted PD-1 agonists in pancreas tissue slices. bioRxiv : the preprint server for biology.

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.

Kattner N, et al. (2025) Identification of a vimentin-expressing ?-cell phenotype in CF and normal pancreas. The Journal of endocrinology, 264(3).