

# Resource Summary Report

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## Integrated Islet Distribution Program (IIDP)

RRID:SCR\_014387

Type: Tool

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### Proper Citation

Integrated Islet Distribution Program (IIDP) (RRID:SCR\_014387)

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### Resource Information

**URL:** <http://iidp.coh.org/Default.aspx>

**Proper Citation:** Integrated Islet Distribution Program (IIDP) (RRID:SCR\_014387)

**Description:** The goal of the Integrated Islet Distribution Program (IIDP) is to work with the leading islet isolation centers in the U.S. to distribute high quality human islets to the diabetes research community, in order to advance scientific discoveries and translational medicine.

**Abbreviations:** IIDP

**Synonyms:** Integrated Islet Distribution Program

**Resource Type:** organization portal, data or information resource, portal, resource

**Keywords:** program, islet, distribution, diabetes

**Related Condition:** Diabetes

**Funding:** NIDDK

**Resource Name:** Integrated Islet Distribution Program (IIDP)

**Resource ID:** SCR\_014387

**Alternate URLs:** <http://www.niddk.nih.gov/research-funding/research-resources/Pages/default.aspx>

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20260803T040651+0000

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### Ratings and Alerts

- Used for TCR:BCR Tool by the Human Islet Research Network community.  
Contact(s): [Diane Saunders](#), [Marcela Brissova](#), [John Walker](#), [Dale Greiner](#), [Al Powers](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Integrated Islet Distribution Program (IIDP) .

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 294 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Wang L, et al. (2026) Predictive prioritization of enhancers associated with pancreatic disease risk. *Cell genomics*, 6(1), 101040.

Landa-Galvan HV, et al. (2026) Dual-Input Regulation of  $\beta$ -Cell Proliferation by ATF6 $\beta$  and Glucose via E2F1. *Diabetes*, 75(1), 85.

Préfontaine C, et al. (2026) Insulin production is sustained during DNA damage-mediated senescence in adult human beta cells. *Diabetologia*, 69(2), 421.

Kim LB, et al. (2025) Acute Inhibition of Adipose Triglyceride Lipase by NG497 Dysregulates Insulin and Glucagon Secretion From Human Islets. *Endocrinology*, 166(7).

Sen S, et al. (2025) The pancreatic  $\beta$ -cell incretin response is modulated by mitochondrial transaminase GPT2. *Research square*.

Austin G, et al. (2025) GLP-1R associates with VAPB and SPHKAP at ERMCSs to regulate  $\beta$ -cell mitochondrial remodelling and function. *bioRxiv : the preprint server for biology*.

Sarkar S, et al. (2025) Osteocalcin induces phosphorylation of FOXO1 in human beta-cells and restores insulin expression under hyperglycemic conditions. *Research square*.

Rodrigues-Dos-Santos K, et al. (2025) Unique and Conserved Endoplasmic Reticulum Stress Responses in Neuroendocrine Cells. *Cells*, 14(19).

Kato H, et al. (2025) Long-term culture of human pancreatic islets reveals reduced metal ion pathways in their gene signature. *Cell transplantation*, 34, 9636897251390960.

Mereu E, et al. (2025) Latent plasticity of the human pancreas across development, health, and disease. *bioRxiv : the preprint server for biology*.

Bandesh K, et al. (2025) Single-cell decoding of human islet cell type-specific alterations in type 2 diabetes reveals converging genetic- and state-driven  $\beta$  -cell gene expression

defects. bioRxiv : the preprint server for biology.

Roman J, et al. (2025) Functional and Mechanistic Explanation for the Unique Clinical Success of the Glucokinase Activator Dorzagliatin in the Treatment of Type 2 Diabetes. Diabetes, 74(8), 1374.

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

Li J, et al. (2025) LONP1 regulation of mitochondrial protein folding provides insight into beta cell failure in type 2 diabetes. Nature metabolism, 7(8), 1570.

Reininger L, et al. (2025) Free fatty acid receptor 4 agonists stimulate insulin secretion via different mechanisms in mouse versus human islets. bioRxiv : the preprint server for biology.

Hu X, et al. (2025) Molecular Mechanisms of Human Pancreatic Islet Dysfunction Under Overnutrition Metabolic Stress. Diabetes, 74(10), 1825.

Roy G, et al. (2025) Identification of type 2 diabetes- and obesity-associated human  $\beta$ -cells using deep transfer learning. eLife, 13.

Shibue K, et al. (2025) Genome-wide CRISPR Screen Identifies Sec31A as a Key Regulator of Alpha Cell Survival. Nature communications, 16(1), 9159.

Webster KL, et al. (2025) Islet-intrinsic sex differences in inflammatory signaling contribute to autoimmune diabetes susceptibility. bioRxiv : the preprint server for biology.

Xie G, et al. (2025) Rotational migration in human pancreatic ductal organoids depends on actin and myosin activity. Communications biology, 8(1), 1749.