Resource Summary Report

Generated by dkNET on Apr 18, 2025

The Pancreatic Beta-Cell Consortium

RRID:SCR_016328
Type: Tool

Proper Citation

The Pancreatic Beta-Cell Consortium (RRID:SCR_016328)

Resource Information

URL: https://www.pbcconsortium.org/

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Description: Portal to provide a repository for beta-cell data, to connect researchers from different backgrounds interested in contributing data, models and/or ideas for new insights into beta-cell biology. Used to understand beta-cell biology and diabetes through a cross-disciplinary approach for the assembly of spatiotemporal multi-scale whole cell models of human pancreatic beta-cells.

Abbreviations: PBC Consortium

Synonyms: Pancreatic B Cell Consortium

Resource Type: disease-related portal, data or information resource, service resource, portal, data repository, topical portal, storage service resource

Keywords: repository, pancreatic, Bcell, data, whole, cell, model, human, connect, contribute, model, idea, diabetes, integrate, approach, computation, design, effective, treatment, experiment, biology

Related Condition: Diabetes

Funding:

Resource Name: The Pancreatic Beta-Cell Consortium

Resource ID: SCR_016328

Record Creation Time: 20220129T080330+0000

Record Last Update: 20250418T055444+0000

Ratings and Alerts

No rating or validation information has been found for The Pancreatic Beta-Cell Consortium.

No alerts have been found for The Pancreatic Beta-Cell Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li W, et al. (2024) In situ structure of actin remodeling during glucose-stimulated insulin secretion using cryo-electron tomography. Nature communications, 15(1), 1311.

Li W, et al. (2023) In situ structure of actin remodeling during glucose-stimulated insulin secretion using cryo-electron tomography. Research square.

Loconte V, et al. (2023) Soft X-ray tomograms provide a structural basis for whole-cell modeling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(1), e22681.

Zhong X, et al. (2022) Integrative modeling of the cell. Acta biochimica et biophysica Sinica, 54(9), 1213.