

Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility

RRID:SCR_022411

Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility (RRID:SCR_022411)

Resource Information

URL: <https://www.med.upenn.edu/edom/drc/cores/cellbio.html>

Proper Citation: University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility (RRID:SCR_022411)

Description: Provides support including experimental design, islet isolation, and performance of and/or training in range of assays for physiological, metabolic, and morphometric assessment of pancreatic islets as wells as many other tissues and cell types. Offers islet isolation and culture, free intracellular calcium ion measurements, quantitative oxygen consumption of pancreatic islets, electrode based closed cell respirometry, and access to Agilent's Seahorse Extracellular Flux Analyzer XFe96.

Synonyms: University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core, Pancreatic Islet Cell Biology Core

Resource Type: access service resource, core facility, service resource

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility

Resource ID: SCR_022411

Alternate IDs: ARBF_1420

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1420>

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260919T195946+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Pancreatic Islet Cell Biology Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Liu S, et al. (2026) γ -hydroxybutyrate enhances the metabolic fitness of CAR T cells in cancer. *Cell*, 189(6), 1701.

Waite EL, et al. (2025) The IsletTester Mouse: An Immunodeficient Model With Stable Hyperglycemia for the Study of Human Islets. *Diabetes*, 74(3), 332.