

# 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:** core facility, service resource, access 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:** 20260801T191249+0000

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## 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.