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University of Pennsylvania Perelman School of Medicine Metabolomics Core Facility

RRID:SCR_022381 Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Metabolomics Core Facility (RRID:SCR_022381)

Resource Information

URL: https://www.med.upenn.edu/cvi/metabolomics-core.html

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Description: Core is overseen by Cardiovascular Institute and is partnership with the Abramson Cancer Center and the Institute for Diabetes, Obesity and Metabolism at Penn. Provides expertise in targeted and untargeted metabolomics of biological samples using liquid chromatography/mass spectrometry. Performs assays and assists in interpretation of results.

Synonyms: University of Pennsylvania Perelman School of Medicine Metabolomics Core, Metabolomics Core

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

Keywords: USEDit, ABRF

Funding:

Availability: open

Resource Name: University of Pennsylvania Perelman School of Medicine Metabolomics Core Facility

Resource ID: SCR_022381

Alternate IDs: ARBF_1392

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1392

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250514T061934+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Metabolomics Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Metabolomics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Berger JH, et al. (2025) Two-hit mouse model of heart failure with preserved ejection fraction combining diet-induced obesity and renin-mediated hypertension. Scientific reports, 15(1), 422.

Chourasia S, et al. (2025) MTCH2 controls energy demand and expenditure to fuel anabolism during adipogenesis. The EMBO journal, 44(4), 1007.

Flores-Mendez M, et al. (2024) IMPDH2 filaments protect from neurodegeneration in AMPD2 deficiency. EMBO reports, 25(9), 3990.

Flores-Mendez M, et al. (2024) IMPDH2 filaments protect from neurodegeneration in AMPD2 deficiency. bioRxiv : the preprint server for biology.

Markosyan N, et al. (2024) Pivotal roles for cancer cell-intrinsic mPGES-1 and autocrine EP4 signaling in suppressing antitumor immunity. JCI insight, 9(21).

Weissenrieder JS, et al. (2024) Mitochondrial Ca2+ controls pancreatic cancer growth and metastasis by regulating epithelial cell plasticity. bioRxiv : the preprint server for biology.

Naeem F, et al. (2024) Targeted Quantitative Plasma Metabolomics Identifies Metabolite

Signatures that Distinguish Heart Failure with Reduced and Preserved Ejection Fraction. medRxiv : the preprint server for health sciences.

Berger JH, et al. (2024) Two-hit mouse model of heart failure with preserved ejection fraction combining diet-induced obesity and renin-mediated hypertension. bioRxiv : the preprint server for biology.

Ohl L, et al. (2024) Partial suppression of BCAA catabolism as a potential therapy for BCKDK deficiency. Molecular genetics and metabolism reports, 39, 101091.

Safari M, et al. (2024) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic adenocarcinoma. bioRxiv : the preprint server for biology.

Berger JH, et al. (2024) Sodium-glucose co-transporter 2 Inhibitors Act Independently of SGLT2 to Confer Benefit for Heart Failure with Reduced Ejection Fraction in Mice. bioRxiv : the preprint server for biology.

Ohl L, et al. (2023) Partial suppression of BCAA catabolism as a potential therapy for BCKDK deficiency. bioRxiv : the preprint server for biology.