Resource Summary Report

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Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility

RRID:SCR_023864
Type: Tool

Proper Citation

Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility (RRID:SCR_023864)

Resource Information

URL: https://www.huck.psu.edu/core-facilities/metabolomics-core-facility

Proper Citation: Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility (RRID:SCR_023864)

Description: Core for conducting metabolomics studies on variety of biofluids and tissue extracts from plant and animal sources. Provided instruments include Agilent 5975C series GC-MSD, Bruker NEO 600 NMR, Thermo Exactive Plus, Thermo Orbitrap Exploris 120, Thermo Orbitrap Exploris 240, Thermo TSQ Quantis Plus, Thermo Orbitrap Fusion Lumos Tribrid.

Synonyms: Huck Institues' Metabolomics Facility, Penn State Huck Metabolomics Core Facility

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

Keywords: ABRF, USEDit, metabolomics, biofluids, tissue extracts, plant, animal

Funding:

Resource Name: Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility

Resource ID: SCR_023864

Alternate IDs: ABRF_2447

Alternate URLs: https://coremarketplace.org/RRID:SCR_023864?citation=1, https://coremarketplace.org/?FacilityID=2447&citation=1

Record Creation Time: 20230722T050213+0000

Record Last Update: 20250503T061123+0000

Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility.

No alerts have been found for Pennsylvania State University Huck Institutes of Life Sciences Metabolomics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Myers JW, et al. (2024) Systemic inhibition of de novo purine biosynthesis prevents weight gain and improves metabolic health by increasing thermogenesis and decreasing food intake. bioRxiv : the preprint server for biology.

Vue Z, et al. (2024) The MICOS Complex Regulates Mitochondrial Structure and Oxidative Stress During Age-Dependent Structural Deficits in the Kidney. bioRxiv : the preprint server for biology.

Obare LM, et al. (2024) HIV persists in late coronary atheroma and is associated with increased local inflammation and disease progression. Research square.

Vue Z, et al. (2024) MICOS Complex Loss Governs Age-Associated Murine Mitochondrial Architecture and Metabolism in the Liver, While Sam50 Dictates Diet Changes. bioRxiv : the preprint server for biology.

Anderson BD, et al. (2024) High Cannabigerol Hemp Extract Moderates Colitis and Modulates the Microbiome in an Inflammatory Bowel Disease Model. The Journal of pharmacology and experimental therapeutics, 390(3), 331.

Tian Y, et al. (2024) Effects of Early Life Exposures to the Aryl Hydrocarbon Receptor Ligand TCDF on Gut Microbiota and Host Metabolic Homeostasis in C57BL/6J Mice. Environmental

health perspectives, 132(8), 87005.

Li S, et al. (2024) Human genetics identify convergent signals in mitochondrial LACTB-mediated lipid metabolism in cardiovascular-kidney-metabolic syndrome. Cell metabolism.

Kellogg JJ, et al. (2024) An O-methylflavone from Artemisia afra kills non-replicating hypoxic Mycobacterium tuberculosis. Journal of ethnopharmacology, 333, 118500.

Zhu B, et al. (2024) Activation of Peroxisome Proliferator-Activated Receptor-?/? (PPAR?/?) in Keratinocytes by Endogenous Fatty Acids. Biomolecules, 14(6).