

Resource Summary Report

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University of Pittsburgh Health Sciences Mass Spectrometry Core Facility

RRID:SCR_025222

Type: Tool

Proper Citation

University of Pittsburgh Health Sciences Mass Spectrometry Core Facility
(RRID:SCR_025222)

Resource Information

URL: <https://msc.pitt.edu/>

Proper Citation: University of Pittsburgh Health Sciences Mass Spectrometry Core Facility (RRID:SCR_025222)

Description: Health Sciences Mass Spectrometry Core provides liquid chromatography high resolution mass spectrometry (LC-HRMS) services for metabolomics, lipidomics and proteomics. Expert staff provide assistance throughout the full lifespan of all projects from experimental design and sample preparation through statistical analysis and interpretation of datasets.

Synonyms: Health Sciences Mass Spectrometry Core

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

Keywords: ABRF, liquid chromatography high resolution mass spectrometry services, metabolomics, lipidomics, proteomics

Resource Name: University of Pittsburgh Health Sciences Mass Spectrometry Core Facility

Resource ID: SCR_025222

Alternate IDs: ABRF_2710

Alternate URLs: <https://coremarketplace.org/?FacilityID=2710&citation=1>

Record Creation Time: 20240405T053252+0000

Record Last Update: 20260912T200440+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Health Sciences Mass Spectrometry Core Facility.

No alerts have been found for University of Pittsburgh Health Sciences Mass Spectrometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Acharya AP, et al. (2026) Lipid stress evolved, microbiome-based probiotics reduce lipid uptake in mice. *Bioengineering & translational medicine*, 11(2), e70122.

Volonte D, et al. (2026) Extracellular ATP drives tryptophan metabolism and aryl hydrocarbon receptor activation to promote cellular senescence. *The Journal of biological chemistry*, 302(6), 113094.

Wang H, et al. (2026) Reversible dissociation of mitochondrial Complex V balances anabolic and energy-generating needs in cancer. *iScience*, 29(3), 114889.

Wang YH, et al. (2026) Experimental evolution in the cystic fibrosis chemical environment reveals early TCA cycle flux as a central regulator of *Mycobacterium abscessus* biofilm formation. *Biofilm*, 11, 100343.

Hahm ER, et al. (2026) Bench-to-Bedside Evaluation of Sulforaphane/BroccoMax?? on Fatty Acid Synthesis in Prostate Cancer. *Cancer prevention research (Philadelphia, Pa.)*.

Nguyen MK, et al. (2025) Clinical and translational study of ivosidenib plus nivolumab in advanced solid tumors harboring IDH1 mutations. *The oncologist*, 30(11).

Yuan S, et al. (2025) CYB5R4 sustains endothelial proliferation and ischemia-induced angiogenesis by maintaining RRM2-dependent nucleotide balance. *bioRxiv : the preprint server for biology*.

Varner E, et al. (2025) Intracellular glutamine fluctuates with nitrogen availability and regulates *Mycobacterium smegmatis* biofilm formation. *Journal of bacteriology*, 207(11), e0025225.

Powell JS, et al. (2025) Fetoplacental extracellular vesicles deliver conceptus-derived antigens to maternal secondary lymphoid tissues for immune recognition. *JCI insight*, 10(10).

Varner E, et al. (2025) Intracellular glutamine fluctuates with nitrogen availability and regulates *Mycobacterium smegmatis* biofilm formation. *bioRxiv : the preprint server for*

biology.

Nguyen MK, et al. (2025) Clinical and translational study of ivosidenib plus nivolumab in advanced solid tumors harboring IDH1 mutations. medRxiv : the preprint server for health sciences.