Resource Summary Report

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New York University School of Medicine Langone Health Metabolomics Laboratory Core Facility

RRID:SCR_017935
Type: Tool

Proper Citation

New York University School of Medicine Langone Health Metabolomics Laboratory Core Facility (RRID:SCR_017935)

Resource Information

URL: https://med.nyu.edu/research/scientific-cores-shared-resources/metabolomics-laboratory

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Description: Core offers custom metabolomics services,specializes in mass spectrometry based metabolomics, offering global (untargeted) and targeted methods for metabolite identification and quantification.Commonly assayed targets include glycolytic and tricarboxylic acid (TCA) cycle intermediates, amino acids, nucleotides, and lipids. Using custom-targeted method, we can perform absolute or relative quantification, flux analysis, and biotransformation analysis.

Synonyms: NYU Langone Metabolomics Laboratory, New York University School of Medicine Langone Health Metabolomics Laboratory

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

Keywords: Metabolomics, custom, service, mass, spectrometry, identify, quantify, glycolytic, tricarboxylic acid, amino, acid, nuleotide, lipid, flux, analysis, biotransformation, core, ABRF

Funding:

Resource Name: New York University School of Medicine Langone Health Metabolomics Laboratory Core Facility

Resource ID: SCR_017935

Alternate IDs: ABRF_826

Alternate URLs: https://coremarketplace.org/?FacilityID=826&citation=1

Record Creation Time: 20220129T080337+0000

Record Last Update: 20250517T060345+0000

Ratings and Alerts

No rating or validation information has been found for New York University School of Medicine Langone Health Metabolomics Laboratory Core Facility.

No alerts have been found for New York University School of Medicine Langone Health Metabolomics Laboratory Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhou C, et al. (2024) Microbiota and metabolic adaptation shape Staphylococcus aureus virulence and antimicrobial resistance during intestinal colonization. bioRxiv : the preprint server for biology.

Emrich SM, et al. (2023) Orai3 and Orai1 mediate CRAC channel function and metabolic reprogramming in B cells. eLife, 12.

Buckbinder L, et al. (2023) STX-478, a Mutant-Selective, Allosteric PI3K? Inhibitor Spares Metabolic Dysfunction and Improves Therapeutic Response in PI3K?-Mutant Xenografts. Cancer discovery, 13(11), 2432.

Venzon M, et al. (2022) Microbial byproducts determine reproductive fitness of free-living and parasitic nematodes. Cell host & microbe, 30(6), 786.

Guo Y, et al. (2022) Targeting the succinate receptor effectively inhibits periodontitis. Cell reports, 40(12), 111389.

Oluwadare J, et al. (2022) Blocking Lipid Uptake Pathways Does not Prevent Toxicity in Adipose Triglyceride Lipase (ATGL) Deficiency. Journal of lipid research, 63(11), 100274.