Resource Summary Report

Generated by NIF on May 25, 2025

LIPID Metabolites And Pathways Strategy

RRID:SCR_006579
Type: Tool

Proper Citation

LIPID Metabolites And Pathways Strategy (RRID:SCR_006579)

Resource Information

URL: http://www.lipidmaps.org/

Proper Citation: LIPID Metabolites And Pathways Strategy (RRID:SCR_006579)

Description: Multi-institutional supported website and database that provides access to large number of globally used lipidomics resources. Internationally led the field of lipid curation, classification, and nomenclature since 2003. Produces new open-access databases, informatics tools and lipidomics-focused training activities will be generated and made publicly available for researchers studying lipids in health and disease.

Abbreviations: LIPID MAPS

Synonyms: , LIPID Maps database, LIPID Metabolites And Pathways Strategy database, LIPID Maps

Resource Type: standard specification, data or information resource, narrative resource, database

Keywords: lipid, pathway, classification, metabolomics, metabolite, FASEB list

Funding: NIGMS ;
Glue Grant

Availability: Free, Freely available

Resource Name: LIPID Metabolites And Pathways Strategy

Resource ID: SCR_006579

Alternate IDs: nif-0000-00368, SCR_026208

Record Creation Time: 20220129T080237+0000

Record Last Update: 20250525T030941+0000

Ratings and Alerts

No rating or validation information has been found for LIPID Metabolites And Pathways Strategy.

No alerts have been found for LIPID Metabolites And Pathways Strategy.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1099 mentions in open access literature.

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

Shao Q, et al. (2025) A Single-Arm Phase II Clinical Trial of Fulvestrant Combined with Neoadjuvant Chemotherapy of ER+/HER2- Locally Advanced Breast Cancer: Integrated Analysis of 18F-FES PET-CT and Metabolites with Treatment Response. Cancer research and treatment, 57(1), 126.

Spangenberg P, et al. (2025) msiFlow: automated workflows for reproducible and scalable multimodal mass spectrometry imaging and microscopy data analysis. Nature communications, 16(1), 1065.

Tu W, et al. (2025) Investigation of the Molecular Mechanism of Asthma in Meishan Pigs Using Multi-Omics Analysis. Animals : an open access journal from MDPI, 15(2).

Wang S, et al. (2025) Joint Analysis of Multiple Omics to Describe the Biological Characteristics of Resistant Hypertension. Journal of clinical hypertension (Greenwich, Conn.), 27(1), e14961.

Li W, et al. (2025) Integrating proteomics and metabolomics to elucidate the regulatory mechanisms of pimpled egg production in chickens: Multi-omics analysis of the mechanism of pimpled egg formation. Poultry science, 104(2), 104818.

Zhao Q, et al. (2025) Dual-purpose elemental sulfur for capturing and accelerating biodegradation of petroleum hydrocarbons in anaerobic environment. Water research X, 26, 100290.

Hou CC, et al. (2025) Specific plasma metabolite profile in intestinal Behçet's syndrome. Orphanet journal of rare diseases, 20(1), 21.

Li Q, et al. (2025) FBXW7 metabolic reprogramming inhibits the development of colon cancer by down-regulating the activity of arginine/mToR pathways. PloS one, 20(1), e0317294.

Wang Y, et al. (2025) Untargeted Metabolomics Reveals Key Differences Between Yak, Buffalo, and Cow Colostrum Based on UHPLC-ESI-MS/MS. Foods (Basel, Switzerland), 14(2).

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

Chamoso-Sanchez D, et al. (2025) Unveiling cellular changes in leukaemia cell lines after cannabidiol treatment through lipidomics. Scientific reports, 15(1), 2238.

Li X, et al. (2024) Gut microbes combined with metabolomics reveal the protective effects of Qijia Rougan decoction against CCl4-induced hepatic fibrosis. Frontiers in pharmacology, 15, 1347120.

Zhang Y, et al. (2024) Parabacteroides distasonis regulates the infectivity and pathogenicity of SVCV at different water temperatures. Microbiome, 12(1), 128.

Salihovic S, et al. (2024) Identification and validation of a blood- based diagnostic lipidomic signature of pediatric inflammatory bowel disease. Nature communications, 15(1), 4567.

Han P, et al. (2024) Metabolic signatures and risk of sarcopenia in suburb-dwelling older individuals by LC-MS-based untargeted metabonomics. Frontiers in endocrinology, 15, 1308841.

de Lazzari E, et al. (2024) Multiomics plasma effects of switching from triple antiretroviral regimens to dolutegravir plus lamivudine. The Journal of antimicrobial chemotherapy, 79(5), 1133.

Deng C, et al. (2024) Mechanisms of ROS-mediated interactions between Bacillus aryabhattai LAD and maize roots to promote plant growth. BMC microbiology, 24(1), 327.

Hu L, et al. (2024) Role of gut microbiota and metabolomics in the lipid-lowering efficacy of statins among Chinese patients with coronary heart disease and hypercholesterolemia. Frontiers in cellular and infection microbiology, 14, 1408581.

Choi S, et al. (2024) Protein-energy restriction-induced lipid metabolism disruption causes stable-to-progressive disease shift in Mycobacterium avium-infected female mice.

EBioMedicine, 105, 105198.

Zheng HY, et al. (2024) Valine induces inflammation and enhanced adipogenesis in lean mice by multi-omics analysis. Frontiers in nutrition, 11, 1379390.