

Resource Summary Report

Generated by [NIF](#) on Apr 25, 2025

MetaboLights

RRID:SCR_014663

Type: Tool

Proper Citation

MetaboLights (RRID:SCR_014663)

Resource Information

URL: <https://www.ebi.ac.uk/metabolights/>

Proper Citation: MetaboLights (RRID:SCR_014663)

Description: A cross-species, cross-technique database for metabolomics experiments, data, and derived information. It includes metabolite structures and their reference spectra, their biological roles, locations and concentrations, and experimental data from metabolic experiments.

Synonyms: MetaboLights

Resource Type: service resource, data repository, database, data or information resource, storage service resource

Keywords: metabolomics, database, structure, spectra, experimental data

Funding: BBSRC BB/L024152/1

Availability: Publicly available, The community can contribute to this resource

Resource Name: MetaboLights

Resource ID: SCR_014663

License URLs: <https://www.ebi.ac.uk/about/terms-of-use>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250424T065322+0000

Ratings and Alerts

No rating or validation information has been found for MetaboLights.

No alerts have been found for MetaboLights.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 636 mentions in open access literature.

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

Nobert S, et al. (2025) Assessing metal-induced glycation in French fries. *Metallomics : integrated biometal science*, 17(1).

Sacchettino L, et al. (2025) Altered microbiome and metabolome profiling in fearful companion dogs: An exploratory study. *PloS one*, 20(1), e0315374.

Yang M, et al. (2025) S100P is a ferroptosis suppressor to facilitate hepatocellular carcinoma development by rewiring lipid metabolism. *Nature communications*, 16(1), 509.

Braakman R, et al. (2025) Global niche partitioning of purine and pyrimidine cross-feeding among ocean microbes. *Science advances*, 11(1), eadp1949.

Chen Y, et al. (2025) Comparative transcriptomics and metabolomics provide insight into degeneration-related physiological mechanisms of *Morchella importuna* after long-term preservation. *Microbial biotechnology*, 18(1), e70045.

Thaitumu MN, et al. (2025) LC-MS-Based Global Metabolic Profiles of Alternative Blood Specimens Collected by Microsampling. *Metabolites*, 15(1).

Onji M, et al. (2025) RANK drives structured intestinal epithelial expansion during pregnancy. *Nature*, 637(8044), 156.

Chen W, et al. (2025) Universal, untargeted detection of bacteria in tissues using metabolomics workflows. *Nature communications*, 16(1), 165.

Li S, et al. (2025) Maternal group B *Streptococcus* decreases infant length and alters the early-life microbiome: a prospective cohort study. *Annals of medicine*, 57(1), 2442070.

Brombacher E, et al. (2025) Characterizing the omics landscape based on 10,000+ datasets. *Scientific reports*, 15(1), 3189.

Kosaka Y, et al. (2025) Autonomous ribosome biogenesis in vitro. *Nature communications*, 16(1), 514.

Secomandi E, et al. (2025) Biochemical, photosynthetic and metabolomics insights of single and combined effects of salinity, heat, cold and drought in *Arabidopsis*. *Physiologia plantarum*, 177(1), e70062.

Rogers AB, et al. (2025) HoloFood Data Portal: holo-omic datasets for analysing host-microbiota interactions in animal production. *Database : the journal of biological databases and curation*, 2025.

Zhang J, et al. (2024) Class II ferroptosis inducers are a novel therapeutic approach for t(4;14)-positive multiple myeloma. *Blood advances*, 8(19), 5022.

Sha Y, et al. (2024) Remodeling of intestinal bacterial community and metabolome of Dezhou donkey induced by corn silage. *Scientific reports*, 14(1), 17032.

Boufaied N, et al. (2024) Obesogenic High-Fat Diet and MYC Cooperate to Promote Lactate Accumulation and Tumor Microenvironment Remodeling in Prostate Cancer. *Cancer research*, 84(11), 1834.

Nollet EE, et al. (2024) Integrating Clinical Phenotype With Multiomics Analyses of Human Cardiac Tissue Unveils Divergent Metabolic Remodeling in Genotype-Positive and Genotype-Negative Patients With Hypertrophic Cardiomyopathy. *Circulation. Genomic and precision medicine*, 17(3), e004369.

Sanchez JI, et al. (2024) Metabolomics biomarkers of hepatocellular carcinoma in a prospective cohort of patients with cirrhosis. *JHEP reports : innovation in hepatology*, 6(8), 101119.

Wang X, et al. (2024) Untargeted metabolomics reveals the mechanism of amantadine toxicity on *Laminaria japonica*. *Frontiers in physiology*, 15, 1448259.

Huang C, et al. (2024) Sensory ASIC3 channel exacerbates psoriatic inflammation via a neurogenic pathway in female mice. *Nature communications*, 15(1), 5288.