# Resource Summary Report

Generated by nidm-terms on Sep 21, 2026

## Metabolomics Workbench

RRID:SCR_013794
Type: Tool

### Proper Citation

Metabolomics Workbench (RRID:SCR_013794)

### Resource Information

**URL:** http://www.metabolomicsworkbench.org

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**Description:** Repository for metabolomics data and metadata which provides analysis tools and access to various resources. NIH grantees may upload data and general users can search metabolomics database. Provides protocols for sample preparation and analysis, information about NIH Metabolomics Program, data sharing guidelines, funding opportunities, services offered by its Regional Comprehensive Metabolomics Resource Cores (RCMRC)s, and training workshops.

**Abbreviations:** MetWB

**Synonyms:** Metabolomics Workbench, MetWB, UCSD Metabolomics Workbench, Metabolomics Workbench (MetWB)

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

**Keywords:** repository, metabolomics, database, funding, training, protocol, bio.tools, FASEB list, DRKB

**Funding:** NIDDK DK141185;
NIH

**Availability:** Free, Freely available

**Resource Name:** Metabolomics Workbench

**Resource ID:** SCR_013794

**Alternate IDs:** biotools:Metabolomics_Workbench, r3d100012314

**Alternate URLs:** https://bio.tools/Metabolomics_Workbench, https://api.datacite.org/dois?prefix=10.21228

**License URLs:** http://www.metabolomicsworkbench.org/termsofuse.html

**Record Creation Time:** 20220129T080318+0000

**Record Last Update:** 20260919T195249+0000

## Ratings and Alerts

No rating or validation information has been found for Metabolomics Workbench.

No alerts have been found for Metabolomics Workbench.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 666 mentions in open access literature.

**Listed below are recent publications.** The full list is available at nidm-terms .

Ruiz CF, et al. (2026) Diet-induced phospholipid remodeling dictates ferroptosis sensitivity and tumorigenesis in the pancreas. Cancer discovery.

Tran K, et al. (2026) Glioma region-specific metabolites associated with patient seizures. Journal of neuro-oncology, 178(2).

Saum K, et al. (2026) Chronic kidney disease induces distinct alterations of macrophage lipid metabolism in a mouse model of atherosclerosis. Journal of lipid research, 67(2), 100975.

Lim AL, et al. (2026) Differential membrane lipid disruption by lipopeptide antibiotics, colistin and turnercyclamycins. Nature communications, 17(1).

Funagura N, et al. (2026) Histone demethylase KDM7A negatively regulates fibrotic macrophage polarization and lung fibrosis progression. Communications biology, 9(1).

Goldberg L, et al. (2026) Immunometabolic determinants of long-term response in leukemia patients receiving CD19 CAR T cell therapy. Nature communications, 17(1).

Chen Y, et al. (2026) Protective role of nano-selenium on Gymnocypris przewalskii under saline-alkaline stress: a comprehensive analysis of transcriptomics and metabolomics. Fish physiology and biochemistry, 52(2).

Adkins-Travis K, et al. (2026) Cell-specific isotope labeling identifies myo-inositol transfer between neurons and oligodendroglia to support myelin repair. bioRxiv : the preprint

server for biology.

Wang L, et al. (2026) The membrane protein Amuc_1098 from Akkermansia muciniphila alleviates acute pancreatitis via TLR2 signaling and glycerophospholipid metabolism remodeling. Nature communications, 17(1).

Flight RM, et al. (2026) Information-Content-Informed Kendall-Tau Correlation Methodology: Interpreting Missing Values in Metabolomics as Potentially Useful Information. Metabolites, 16(4).

Nesbeth PC, et al. (2026) Newborn metabolomic perturbations associated with prenatal tobacco smoke exposure and early birth. Communications medicine, 6(1).

Zheng X, et al. (2026) Plasma and Urinary Metabolomic Profiles Associated with the Salt Sensitivity of Blood Pressure in the Dietary Approaches to Stop Hypertension-Sodium Trial. The Journal of nutrition, 156(3), 101237.

Subleski JJ, et al. (2026) Pyruvate kinase muscle 2 (PKM2) promotes CD4 T cell survival by regulating pyruvate oxidation during homeostasis and expansion. Science advances, 12(5), eaec5092.

Redondo-Muñoz M, et al. (2026) Androgen receptor and fatty acid oxidation cooperate in ferroptosis evasion in BRAFi resistant melanoma. Cell death & disease, 17(1).

Mamede L, et al. (2026) Natural triterpenic phenolic esters target PfA-M17 in Plasmodium falciparum. Malaria journal, 25(1), 74.

Kaszuba CM, et al. (2026) Taurine transporter SLC6A6 expression promotes mesenchymal stromal cell function. Cell death & disease, 17(1), 14.

Quiles-Pérez CJ, et al. (2026) Anaerobic riboflavin degradation by human gut Lachnospiraceae. bioRxiv : the preprint server for biology.

Malik DM, et al. (2026) Glucose is dynamically regulated by time of day in humans and Drosophila. PLoS biology, 24(4), e3003717.

Terburgh K, et al. (2026) Energy Metabolism Under Stress: Late-Stage Leigh Syndrome Reveals Profound Cardiometabolic Perturbations in Ndufs4 KO Mice. Journal of inherited metabolic disease, 49(1), e70142.

Laimer-Digruber A, et al. (2026) Bacterial extracellular vesicles as recyclable nutrient reservoirs. Nature communications, 17(1).