

Resource Summary Report

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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/doi?prefix=10.21228>

License URLs: <http://www.metabolomicsworkbench.org/termsfuse.html>

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260912T195809+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 [SPARC SAWG](#) .

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).

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*.

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

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).

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).

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.

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.

Salehi H, et al. (2026) Untargeted Metabolomics Coupled With Machine Learning Unravels Crop-Specific Versus Generalized Effects of Biostimulants in Cucumber, Pepper, and Tomato. *Physiologia plantarum*, 178(3), e70904.

Lanier DN, et al. (2026) PFOA induced metabolic and immune perturbations in a SARS-2 infection model. *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.

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

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

Rose AE, et al. (2026) Rational engineering of facultative anaerobiosis enables commensal survival in the oxygenated gut. *bioRxiv : the preprint server for biology*.