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

Proper Citation: Metabolomics Workbench (RRID:SCR_013794)

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: service resource, data or information resource, storage service resource, data repository

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

Funding: NIH ;
NIDDK DK141185

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: 20260729T044338+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 534 mentions in open access literature.

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

Song M, et al. (2026) Surface acoustic wave hemolysis assay for evaluating stored red blood cells. Lab on a chip, 26(1), 40.

Sharma G, et al. (2025) IGF2BP3 redirects glycolytic flux to promote one-carbon metabolism and RNA methylation. Cell reports, 116330.

Grubb T, et al. (2025) The SLC1A1/EAAT3 dicarboxylic amino acid transporter is an epigenetically dysregulated nutrient carrier that sustains oncogenic metabolic programs. Nature communications, 16(1), 10012.

Metz TO, et al. (2025) Introducing "Identification Probability" for Automated and Transferable Assessment of Metabolite Identification Confidence in Metabolomics and Related Studies. Analytical chemistry, 97(1), 1.

Contreras N, et al. (2025) Multiomic Integration Analysis for Monitoring Severe Asthma Treated With Mepolizumab or Omalizumab. Allergy, 80(7), 1899.

Liu X, et al. (2025) Mealtime alters daily rhythm in nuclear O-GlcNAc proteome to regulate hepatic gene expression. bioRxiv : the preprint server for biology.

Freire CM, et al. (2025) Choice of lipid supplementation for in vitro erythroid cell culture impacts reticulocyte yield and characteristics. bioRxiv : the preprint server for biology.

Chapman A, et al. (2025) Honey bee egg composition changes seasonally and after acute maternal virus infection. Scientific reports, 15(1), 10418.

Kong X, et al. (2025) Unveiling therapeutic targets and preventive components for kidney insufficiency and blood stasis-type BPH: bridging metabolomics, network pharmacology and reverse screening. Frontiers in pharmacology, 16, 1584766.

Petrick LM, et al. (2025) Categorizing Concentration Confidence: A Framework for Reporting Concentration Measures from Mass Spectrometry-Based Assays. Environmental health perspectives, 133(5), 55001.

Liu C, et al. (2025) Innovating non-small cell lung cancer treatment with novel TM-GL/NPs nanoparticles for Glycitin delivery. Cell biology and toxicology, 41(1), 41.

Fragkou P, et al. (2025) Multiomics analysis of the Silkworm cocoon shell. Scientific data, 12(1), 1630.

Carlino B, et al. (2025) Harnessing Metabolomics to Advance Nutrition-Based Therapeutics for Inflammation: A Systematic Review of Randomized Clinical Trials. Metabolites, 15(11).

Liu K, et al. (2025) Nicotinamide mononucleotide treatment improves spermatogenesis in obese mice by reducing lysine acetylation of lactate dehydrogenase C. Communications biology, 8(1), 1761.

Tran D, et al. (2025) DSCC: disease subtyping using spectral clustering and community detection from consensus networks. Briefings in bioinformatics, 26(6).

Deol P, et al. (2025) P2-HNF4? alters linoleic acid metabolism and mitigates soybean oil-induced obesity: role for oxylipins. Journal of lipid research, 66(12), 100932.

Tao J, et al. (2025) Transcriptomic and epigenetic signatures of tomato fruit after postharvest UV-C irradiation are associated with the maintenance of fruit quality. Plant biotechnology journal, 23(10), 4500.

Qian Q, et al. (2025) CVD Atlas: a multi-omics database of cardiovascular disease. Nucleic acids research, 53(D1), D1348.

Acuña-Pilarte K, et al. (2025) HAF prevents hepatocyte apoptosis and progression to MASH and HCC through transcriptional regulation of the NF-?B pathway. Hepatology (Baltimore, Md.), 82(2), 438.

Huang Y, et al. (2025) Micropeptide hSPAR regulates glutamine levels and suppresses mammary tumor growth via a TRIM21-P27KIP1-mTOR axis. The EMBO journal, 44(5), 1414.