

Resource Summary Report

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Metscape

RRID:SCR_014687

Type: Tool

Proper Citation

Metscape (RRID:SCR_014687)

Resource Information

URL: <http://metscape.ncibi.org>

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Description: A software program that allows users to visualize and interpret human metabolim and expression profiling data by providing users with a bioinformatics framework. Its features include bulding and analyzing networks of genes and compounds, identifying enriched pathways from expression profiling data, and visualizing changes in metabolite data.

Resource Type: resource, source code, software resource

Defining Citation: [PMID:22135418](#)

Keywords: metabolomics, metabolomics tool, visualization, expression profiling, gene, compound, metabolism, human

Funding: NIDDK U24 DK097153;
NIDDK P30DK089503

Availability: Freely available

Resource Name: Metscape

Resource ID: SCR_014687

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250418T055356+0000

Ratings and Alerts

No rating or validation information has been found for Metscape .

No alerts have been found for Metscape .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 135 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Fakhari S, et al. (2025) Shear stress effects on epididymal epithelial cell via primary cilia mechanosensory signaling. *Journal of cellular physiology*, 240(1), e31475.

Casaro S, et al. (2025) Multi-omics integration and immune profiling identify possible causal networks leading to uterine microbiome dysbiosis in dairy cows that develop metritis. *Animal microbiome*, 7(1), 4.

Zubeldia-Varela E, et al. (2024) The impact of high-IgE levels on metabolome and microbiome in experimental allergic enteritis. *Allergy*, 79(12), 3430.

Huang B, et al. (2024) Identification of key regulatory molecules in the early development stage of Alzheimer's disease. *Journal of cellular and molecular medicine*, 28(6), e18151.

Su B, et al. (2024) Mechanism of Fuzheng Qudu prescription in the treatment of lung cancer based on network pharmacology and experimental validation. *Heliyon*, 10(18), e37546.

Weh KM, et al. (2024) Prebiotic proanthocyanidins inhibit bile reflux-induced esophageal adenocarcinoma through reshaping the gut microbiome and esophageal metabolome. *JCI insight*, 9(6).

Faqui T, et al. (2024) Steroid Hormone Biosynthesis and Dietary Related Metabolites Associated with Excessive Daytime Sleepiness. *medRxiv : the preprint server for health sciences*.

Liu X, et al. (2024) Network Pharmacology and Metabolomics Reveal Anti-Ferroptotic Effects of Curcumin in Acute Kidney Injury. *Drug design, development and therapy*, 18, 6223.

Casaro S, et al. (2024) Integrating uterine microbiome and metabolome to advance the understanding of the uterine environment in dairy cows with metritis. *Animal microbiome*, 6(1), 30.

Wang P, et al. (2024) Novel insights into the circadian modulation of lipid metabolism in chicken livers revealed by RNA sequencing and weighted gene co-expression network analysis. *Poultry science*, 103(12), 104321.

Chen Y, et al. (2024) Identification of Diagnostic Biomarkers for Compensatory Liver Cirrhosis Based on Gut Microbiota and Urine Metabolomics Analyses. *Molecular biotechnology*, 66(11), 3164.

Chen M, et al. (2024) PLA2G4A and ACHE modulate lipid profiles via glycerophospholipid metabolism in platinum-resistant gastric cancer. *Journal of translational medicine*, 22(1), 249.

Tan Y, et al. (2024) Autophagy-related gene model as a novel risk factor for schizophrenia. *Translational psychiatry*, 14(1), 94.

Zhou Y, et al. (2024) 4-phenylbutyric acid improves sepsis-induced cardiac dysfunction by modulating amino acid metabolism and lipid metabolism via Comt/Ptgs2/Ppara. *Metabolomics : Official journal of the Metabolomic Society*, 20(3), 46.

Song M, et al. (2024) Exploring causal correlations between plasma proteins and peripheral neuropathy: a Mendelian randomization. *Frontiers in neurology*, 15, 1431669.

Mahalingam SS, et al. (2023) Polyamine metabolism impacts T cell dysfunction in the oral mucosa of people living with HIV. *Nature communications*, 14(1), 399.

Eshraghi Y, et al. (2023) Proteomics to Metabolomics: A New Insight into the Pathogenesis of Hypertensive Nephropathy. *Kidney & blood pressure research*, 48(1), 710.

Li X, et al. (2023) Exploring the molecular mechanism of glycyrrhetic acid in the treatment of gastric cancer based on network pharmacology and experimental validation. *Aging*, 15(9), 3839.

Zhang ML, et al. (2023) Yin/Yang associated differential responses to *Psoralea corylifolia* Linn. In rat models: an integrated metabolomics and transcriptomics study. *Chinese medicine*, 18(1), 102.

Nakatsuji T, et al. (2023) Competition between skin antimicrobial peptides and commensal bacteria in type 2 inflammation enables survival of *S. aureus*. *Cell reports*, 42(5), 112494.