Resource Summary Report

Generated by dkNET on May 16, 2025

Metscape

RRID:SCR_014687
Type: Tool

Proper Citation

Metscape (RRID:SCR_014687)

Resource Information

URL: http://metscape.ncibi.org

Proper Citation: Metscape (RRID:SCR_014687)

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: software resource, source code, 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: 20250514T061654+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 dkNET.

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).

Faquih 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.

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.

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 glycyrrhetinic acid in the treatment of gastric cancer based on network pharmacology and experimental validation. Aging, 15(9), 3839.

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.