Resource Summary Report

Generated by NIF on May 24, 2025

Metabolomics Fiehn Lab

RRID:SCR_008311
Type: Tool

Proper Citation

Metabolomics Fiehn Lab (RRID:SCR_008311)

Resource Information

URL: http://fiehnlab.ucdavis.edu/

Proper Citation: Metabolomics Fiehn Lab (RRID:SCR_008311)

Description: Develops improved methods in analytical chemistry and bioinformatics to capture and utilize metabolomic data. These tools are employed to understand, which parts of larger biochemical networks respond to genetic perturbation or environmental stress.

Synonyms: UCDavis Fiehn Lab

Resource Type: laboratory portal, portal, data or information resource, organization portal

Keywords: analytical chemistry and bioinformatics methods, utilize metabolomic data, genetic perturbation, environmental stress

Funding:

Availability: Free, Freely available

Resource Name: Metabolomics Fiehn Lab

Resource ID: SCR_008311

Alternate IDs: nif-0000-24414

Record Creation Time: 20220129T080246+0000

Record Last Update: 20250524T060215+0000

Ratings and Alerts

No rating or validation information has been found for Metabolomics Fiehn Lab.

No alerts have been found for Metabolomics Fiehn Lab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Sandström H, et al. (2024) Data-Driven Compound Identification in Atmospheric Mass Spectrometry. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(8), e2306235.

Gao H, et al. (2021) Changes of Lipopolysaccharide-Induced Acute Kidney and Liver Injuries in Rats Based on Metabolomics Analysis. Journal of inflammation research, 14, 1807.

Peng Y, et al. (2021) Metabolomic-based clinical studies and murine models for acute pancreatitis disease: A review. Biochimica et biophysica acta. Molecular basis of disease, 1867(7), 166123.

Misra BB, et al. (2021) New software tools, databases, and resources in metabolomics: updates from 2020. Metabolomics : Official journal of the Metabolomic Society, 17(5), 49.

Hafeezunnisa M, et al. (2020) The Rho-Dependent Transcription Termination Is Involved in Broad-Spectrum Antibiotic Susceptibility in Escherichia coli. Frontiers in microbiology, 11, 605305.

Feng G, et al. (2020) A visible-light activated [2 + 2] cycloaddition reaction enables pinpointing carbon-carbon double bonds in lipids. Chemical science, 11(27), 7244.

Mangmee S, et al. (2020) Lipid profile of Trichinella papuae muscle-stage larvae. Scientific reports, 10(1), 10125.

Yang B, et al. (2018) Monitoring tyrosine kinase inhibitor therapeutic responses with a panel of metabolic biomarkers in chronic myeloid leukemia patients. Cancer science, 109(3), 777.

Kind T, et al. (2006) Metabolomic database annotations via query of elemental compositions: mass accuracy is insufficient even at less than 1 ppm. BMC bioinformatics, 7, 234.