Resource Summary Report

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Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility

RRID:SCR_017911
Type: Tool

Proper Citation

Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility (RRID:SCR_017911)

Resource Information

URL: https://www.biotech.iastate.edu/metabolomics/

Proper Citation: Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility (RRID:SCR_017911)

Description: Core facility that conducts fee for service mass spectrometry-based non-targeted and targeted metabolomic studies. The facility serves and partners with both on- and off-campus clients.

Abbreviations: MRL

Synonyms: Iowa State University Metabolomics Research Laboratory, Iowa State University W.M. Keck Metabolomics Research Laboratory, W. M. Keck Metabolomics Research Laboratory

Resource Type: service resource, access service resource, core facility

Keywords: Metabolomics, Non-targeted, Metabolite Profiling, Targeted Metabolomics, mass spectrometry imaging, direct infusion, HPLC, calillary, electrophoresis, data, analysis, service, core

Funding:

Availability: Open

Resource Name: Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility

Resource ID: SCR_017911

Alternate IDs: ABRF_796

Alternate URLs: https://coremarketplace.org/?FacilityID=796&citation=1

Record Creation Time: 20220129T080337+0000

Record Last Update: 20250423T061031+0000

Ratings and Alerts

No rating or validation information has been found for Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility.

No alerts have been found for Iowa State University W.M. Keck Metabolomics Research Laboratory Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Weide T, et al. (2024) Metabolic Shift in Porcine Spermatozoa during Sperm Capacitation-Induced Zinc Flux. International journal of molecular sciences, 25(14).

Uthaman S, et al. (2024) Inhibiting the cGAS-STING Pathway in Ulcerative Colitis with Programmable Micelles. ACS nano, 18(19), 12117.

Meyer C, et al. (2023) The NADPH Oxidase Inhibitor, Mitoapocynin, Mitigates DFP-Induced Reactive Astrogliosis in a Rat Model of Organophosphate Neurotoxicity. Antioxidants (Basel, Switzerland), 12(12).

Aboobucker SI, et al. (2021) Maize Zmcyp710a8 Mutant as a Tool to Decipher the Function of Stigmasterol in Plant Metabolism. Frontiers in plant science, 12, 732216.

Rizhsky L, et al. (2016) Integrating metabolomics and transcriptomics data to discover a biocatalyst that can generate the amine precursors for alkamide biosynthesis. The Plant journal : for cell and molecular biology, 88(5), 775.