

Resource Summary Report

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Colorado University at Boulder Central Analytical Mass Spectrometry Core Facility

RRID:SCR_018992

Type: Tool

Proper Citation

Colorado University at Boulder Central Analytical Mass Spectrometry Core Facility
(RRID:SCR_018992)

Resource Information

URL: <https://www.colorado.edu/lab/massspec/>

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Description: Offers analytical and instructional expertise in mass spectrometry with practical training and access to instrumentation. Located in room C1B90 of Jennie Smoly Caruthers Biotechnology Building houses six mass spectrometry systems. Instruments are interfaced with chromatographic system in order to separate complex mixture samples. Offers training for open access to some instruments including Thermo ISO LT GCMS, Synapt G2 HDMS, Agilent 6120 LCMS, and 4000 Q-trap QQQ instruments.

Synonyms: Central Analytical Mass Spectrometry Laboratory

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

Keywords: USEdit, mass spectrometry, instrumentation, training, mass spectrometry system, chromatographic system, separate samples, ABRF, ABRF

Resource Name: Colorado University at Boulder Central Analytical Mass Spectrometry Core Facility

Resource ID: SCR_018992

Alternate IDs: ABRF_1044

Alternate URLs: <https://coremarketplace.org/?FacilityID=1044>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260905T133418+0000

Ratings and Alerts

No rating or validation information has been found for Colorado University at Boulder Central Analytical Mass Spectrometry Core Facility.

No alerts have been found for Colorado University at Boulder Central Analytical Mass Spectrometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Hayashi K, et al. (2026) Variable thresholds for phosphorylation targets of the ERK signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 123(6), e2517889123.

Fiorenza AC, et al. (2026) PARP1 Exhibits an Enzymatically Inactive Chromatin Binding Mode. bioRxiv : the preprint server for biology.

Sottnik JL, et al. (2026) Altered MDC1 Interactions and Dysfunctional DNA Repair in Lobular Breast Cancer Confers Sensitivity to PARP Inhibition. Cancer research, 86(7), 1605.

Martin TG, et al. (2025) Cytoplasmic CaMKII γ -B prevents myocardial recovery in heart failure. bioRxiv : the preprint server for biology.

Miller SG, et al. (2024) Cooperative polarization of MCAM/CD146 and ERM family proteins in melanoma. Molecular biology of the cell, 35(3), ar31.

Aboulache BL, et al. (2024) Phosphorylation regulates the chromatin remodeler SMARCD1 in nucleosome binding, ATP hydrolysis, and histone exchange. The Journal of biological chemistry, 300(12), 107893.

Alderman C, et al. (2024) Biochemical characterization of the Eya and PP2A-B55 γ interaction. The Journal of biological chemistry, 300(7), 107408.

Ledvina HE, et al. (2023) An E1-E2 fusion protein primes antiviral immune signalling in bacteria. Nature, 616(7956), 319.