Resource Summary Report

Generated by dkNET on Apr 24, 2025

Center for Computational Mass Spectrometry

RRID:SCR_008161
Type: Tool

Proper Citation

Center for Computational Mass Spectrometry (RRID:SCR_008161)

Resource Information

URL: http://proteomics.ucsd.edu/

Proper Citation: Center for Computational Mass Spectrometry (RRID:SCR_008161)

Description: Biomedical technology research center that focuses on the computational bottlenecks that impair the interpretation of data, bringing modern algorithmic approaches to mass spectrometry and building a new generation of reliable, open-access software tools to support both new mass spectrometry instrumentation and emerging applications.

Abbreviations: CCMS

Synonyms: UCSD Center for Computational Mass Spectrometry

Resource Type: training resource, biomedical technology research center

Keywords: systems biology technology center, mass spectrometry, algorithm, computational proteomics, proteomics

Funding: NCRR ;
NIGMS

Resource Name: Center for Computational Mass Spectrometry

Resource ID: SCR_008161

Alternate IDs: nlx_152677

Alternate URLs: https://api.datacite.org/dois?prefix=10.25345

Record Creation Time: 20220129T080245+0000

Record Last Update: 20250423T060430+0000

Ratings and Alerts

No rating or validation information has been found for Center for Computational Mass Spectrometry.

No alerts have been found for Center for Computational Mass Spectrometry.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Sanyal A, et al. (2019) Alpha-Synuclein Is a Target of Fic-Mediated Adenylylation/AMPylation: Possible Implications for Parkinson's Disease. Journal of molecular biology, 431(12), 2266.

Okada H, et al. (2019) Sex-dependent and sex-independent regulatory systems of size variation in natural populations. Molecular systems biology, 15(11), e9012.

Nakatsuji T, et al. (2018) A commensal strain of Staphylococcus epidermidis protects against skin neoplasia. Science advances, 4(2), eaao4502.

Okada H, et al. (2016) Proteome-wide association studies identify biochemical modules associated with a wing-size phenotype in Drosophila melanogaster. Nature communications, 7, 12649.

Lynch DC, et al. (2014) Disrupted auto-regulation of the spliceosomal gene SNRPB causes cerebro-costo-mandibular syndrome. Nature communications, 5, 4483.

Tovchigrechko A, et al. (2014) PGP: parallel prokaryotic proteogenomics pipeline for MPI clusters, high-throughput batch clusters and multicore workstations. Bioinformatics (Oxford, England), 30(10), 1469.

Kim S, et al. (2014) MS-GF+ makes progress towards a universal database search tool for proteomics. Nature communications, 5, 5277.