

Resource Summary Report

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University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility

RRID:SCR_012539

Type: Tool

Proper Citation

University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility
(RRID:SCR_012539)

Resource Information

URL: <https://www.unmc.edu/vcr/cores/vcr-cores/mspcf/index.html>

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Description: MSPCF maintains and uses equipment for protein separation and imaging, as well as for sample preparation for mass spectrometry analysis. Offers range of bioinformatics tools for data mining and evaluation. Services include Protein Identification, Protein Interactome Analysis, Protein Post-translational Modifications, Quantitative Mass Spectrometry, Molecular Weight determination.

Abbreviations: MSPCF

Synonyms: UNMC MSPCF, University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility, UNMC Mass Spectrometry and Proteomics Core Facility

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

Keywords: ABRF, USEDit, protein separation and imaging, sample preparation, mass spectrometry analysis,

Resource Name: University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility

Resource ID: SCR_012539

Alternate IDs: SciEx_452, ABRF_219

Alternate URLs: <https://coremarketplace.org/?FacilityID=219&citation=1>,
<http://www.scienceexchange.com/facilities/mass-spectrometry-and-proteomics-core-facility>

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Record Last Update: 20260912T200343+0000

Ratings and Alerts

No rating or validation information has been found for University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility.

No alerts have been found for University of Nebraska Medical Center Mass Spectrometry and Proteomics Core Facility.

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 [SPARC SAWG](#) .

Nolan AC, et al. (2026) The β -lactam adjuvant guanosine potentiates anti-folate antibiotics and pyrimidine synthesis inhibitors by depleting thymidine in methicillin-resistant *Staphylococcus aureus*. *Antimicrobial agents and chemotherapy*, 70(7), e0037726.

Nolan AC, et al. (2026) The β -lactam adjuvant guanosine potentiates anti-folate antibiotics and pyrimidine synthesis inhibitors by depleting thymidine in methicillin-resistant *Staphylococcus aureus*. *bioRxiv : the preprint server for biology*.

Roland NJ, et al. (2026) APOE4 induces sex-dependent synaptic mitochondrial cholesterol, proteome, and respiratory function alterations in mice. *Neurochemistry international*, 194, 106125.

Estrella LD, et al. (2025) The absence of Parkin in hTau mice leads to synaptic mitochondrial dysfunction, alterations to the synaptic proteome, and increased phosphorylated tau in the Hippocampus. *Neurobiology of disease*, 215, 107084.

Shahreen N, et al. (2025) A thermodynamic bottleneck in the TCA cycle contributes to acetate overflow in *Staphylococcus aureus*. *mSphere*, 10(1), e0088324.

Rohr RA, et al. (2025) Characterization of Heparin Interactions With Recombinant Rodent Stabilin-2/Hyaluronic Acid Receptor for Endocytosis (HARE). *Proteoglycan research*, 3(2).

Shahreen N, et al. (2024) A thermodynamic bottleneck in the TCA cycle contributes to acetate overflow in *Staphylococcus aureus*. *bioRxiv : the preprint server for biology*.