University of Nebraska Lincoln Nebraska Center for Biotechnology Proteomics and Metabolomics Core Facility
RRID:SCR_021314
Type: Tool

Proper Citation
University of Nebraska Lincoln Nebraska Center for Biotechnology Proteomics and Metabolomics Core Facility (RRID:SCR_021314)

Resource Information

**URL:** [https://biotech.unl.edu/proteomics-and-metabolomics#tab1](https://biotech.unl.edu/proteomics-and-metabolomics#tab1)

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**Description:** Provides services using mass spectrometry, including identification and relative quantification of proteins and several advanced methods for profiling and quantitation of small molecules. Provides outreach and education program including workshops, seminars and courses. Proteomics services include Bottom-up Proteomics of whole organisms, organs, organelles, tissues, cell pellets, pulldowns, complex or single protein mixes from solutions or gels; Quantification by label-free or multiplexed labeling techniques with microscale subfractionation to increase coverage; Post Translational Modification Characterization especially phosphopeptide enrichment from whole organism digests, but also ubiquitylation, acetylation, etc. Metabolomics services include Untargeted Quantification of small molecules; Primary metabolism using GC-MS and NIST/Fiehn Libraries; Secondary metabolism using LC-MS and Progenesis QI, NIST Library, mzCloud; Targeted Quantification using HPLC or LCMS.

**Abbreviations:** PMF

**Synonyms:** UNL Proteomics and Metabolomics Facility

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

**Keywords:** USEDit, ABRF, mass spectrometry, protein identification, protein relative
quantification, small molecules, proteomics, metabolomics

**Availability:** open

**Resource Name:** University of Nebraska Lincoln Nebraska Center for Biotechnology Proteomics and Metabolomics Core Facility

**Resource ID:** SCR_021314

**Alternate IDs:** ABRF_1189

**Alternate URLs:** https://coremarketplace.org/?FacilityID=1189

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**Ratings and Alerts**

No rating or validation information has been found for University of Nebraska Lincoln Nebraska Center for Biotechnology Proteomics and Metabolomics Core Facility.

No alerts have been found for University of Nebraska Lincoln Nebraska Center for Biotechnology Proteomics and Metabolomics Core Facility.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Vu DC, et al. (2021) Phenolic, Carotenoid and Saccharide Compositions of Vietnamese Teas and Herbal Teas. Molecules (Basel, Switzerland), 26(21).