

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

Vermont University Proteomics Core Facility

RRID:SCR_018667

Type: Tool

Proper Citation

Vermont University Proteomics Core Facility (RRID:SCR_018667)

Resource Information

URL: <https://vbrn.org/proteomics-services/>

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Description: Provides central resource of mass spectrometry based proteomics technologies to identify, characterize and quantify target proteins in various biological and biomedical samples. Provides mass spectrometry expertise for analyzing proteins and peptides for proteomics studies, support for data analysis from proteomics measurements, training in proteomics methods, and experimental design.

Synonyms: UVM-Proteomics Facility, University of Vermont Proteomics Facility

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

Keywords: USEDit, mass spectrometry, proteomics technology, protein, biomedical sample, protein analysis, peptide, measurement, experimental design, ABRF

Funding: NIGMS P20 GM103449

Availability: Open

Resource Name: Vermont University Proteomics Core Facility

Resource ID: SCR_018667

Alternate IDs: ABRF_44

Alternate URLs: <https://coremarketplace.org/?FacilityID=44>

Old URLs: <https://vgn.uvm.edu/proteomics/>

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260821T194135+0000

Ratings and Alerts

No rating or validation information has been found for Vermont University Proteomics Core Facility.

No alerts have been found for Vermont University Proteomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Malone KL, et al. (2026) Cryo-EM Structure of Human ATAD2B Reveals a Hexameric Organization Contributes to ATPase Activity and Substrate Coordination. bioRxiv : the preprint server for biology.

Cech BT, et al. (2026) Direct Measurement of Protein Corona Thickness on Nanomaterials Using Dual-Color Stochastic Optical Reconstruction Microscopy (STORM). Small methods, e02394.

Wanczyk H, et al. (2026) Characterization of human airway-derived decellularized extracellular matrix hydrogels and their effects on airway epithelial cell growth, organization and differentiation. Biomaterials, 336, 124420.

Ouellette A, et al. (2025) Lysyl Oxidases Are Necessary for Myometrial Contractility and On-time Parturition in Mice. Journal of the Endocrine Society, 9(5), bvaf028.

Peng H, et al. (2025) Quantification profiles of enzyme activity, secretion, and psychosine levels of Krabbe disease galactosylceramidase missense variants. The Journal of biological chemistry, 301(7), 110315.

Peng M, et al. (2025) RAD51 is chromatin enriched and targetable in BRCA1-deficient cells. Molecular cell.

Hou Y, et al. (2025) Activation of the ciliary kinase CDKL5 is mediated by the cyclin-dependent kinase CDK20/LF2 to control flagellar length. PLoS biology, 23(12), e3003560.

Chandra H, et al. (2024) Predominantly Orphan Secretome in the Lung Pathogen Mycobacterium abscessus Revealed by a Multipronged Growth-Phase-Driven Strategy. Microorganisms, 12(2).

Cruz LC, et al. (2024) Identification of tyrosine brominated extracellular matrix proteins in normal and fibrotic lung tissues. Redox biology, 71, 103102.

Rose BJ, et al. (2024) Lewis acid mediated allylation of vinyl diazonium ions by allylstannanes. *Organic & biomolecular chemistry*, 22(21), 4274.

Peng H, et al. (2024) Expression study of Krabbe Disease GALC missense variants - Insights from quantification profiles of residual enzyme activity, secretion and psychosine levels. *bioRxiv : the preprint server for biology*.

Deng B, et al. (2023) Proteomics Applications in *Toxoplasma gondii*: Unveiling the Host-Parasite Interactions and Therapeutic Target Discovery. *Pathogens (Basel, Switzerland)*, 13(1).

Hoffman ET, et al. (2023) Regional and disease specific human lung extracellular matrix composition. *Biomaterials*, 293, 121960.

Chandrasekaran R, et al. (2023) Mitoquinone mesylate attenuates pathological features of lean and obese allergic asthma in mice. *American journal of physiology. Lung cellular and molecular physiology*, 324(2), L141.