Resource Summary Report

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Northwestern University Proteomics Core Facility

RRID:SCR_017945
Type: Tool

Proper Citation

Northwestern University Proteomics Core Facility (RRID:SCR_017945)

Resource Information

URL: http://proteomics.northwestern.edu/collaborate

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Description: Core offers multiple types of experiments from simple protein identification to protein quantitation. Performs traditional bottom-up proteomics, where proteins are digested with enzyme prior to analysis and intact, top-down proteomics analyses. Services include proteins identification after in-gel or in-solution digestion, top-down mass spectrometry to preserve post-translationally modified forms of proteins present in vivo by measuring them intact, IP-MS Pulldown,BioID service to identify target of biotin ligase that has been tagged onto their protein via traditional cloning methods,Untargeted Quantitative Peptide Proteomics,Targeted Quantitative Peptide Proteomics,Epiproteomic Histone Modification Panel A,Epiproteomic Histone Modification Panel B,Untargeted Metabolomics,Phosphoproteomics,PTM Scan,ChIP-MS.

Synonyms: Northwestern Proteomics, Northwestern University Proteomics Center of Excellence Core Facility

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

Keywords: Protein, indentification, quantitation, proteomics, analysis, enzyme, digestion, mass, spectrometry, peptide, targeted, epiproteomic, histone, modification, untargeted, phosphoproteomics, PTM Scan, ChIP-MS, service, core, ABRF

Funding: NCI P30 CA060553;
NIGMS P41 GM108569;
NIH Office of the Director S10 OD025194

Availability: Open

Resource Name: Northwestern University Proteomics Core Facility

Resource ID: SCR_017945

Alternate IDs: SCR_017880, ABRF_944

Alternate URLs: https://coremarketplace.org/?FacilityID=944

Old URLs: https://coremarketplace.org/?FacilityID=738

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260821T194127+0000

Ratings and Alerts

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

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

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hebron DP, et al. (2026) Bis-hydroxylation of Homocitrulline Catalyzed by a Multinuclear Nonheme Iron-Dependent Oxidative Enzyme during RiPP Biosynthesis. bioRxiv : the preprint server for biology.

Murmann AE, et al. (2026) Developing a pan cancer therapy based on DISE-inducing short RNAs. Molecular therapy. Nucleic acids, 37(2), 102963.

Yang Y, et al. (2026) Tumor-specific lncRNA IGF1R-AS1 trans-regulates chromatin interactions associated with oncogenic MYC signaling. Nature communications, 17(1).

Kaweesa EN, et al. (2026) Activity of Didesmethylrocaglamide in High Grade Serous Ovarian Cancer Using Preclinical In Vitro and In Vivo Models. Journal of natural products, 89(4), 1161.

Nahotko DA, et al. (2026) Multi-omics analysis reveals LARP1 as a key integrator of translation and metabolism in AML. Oncogenesis, 15(1).

Wang H, et al. (2025) The ubiquitin ligase Triad1 influences myeloid leukemogenesis by regulating the integrated stress response. The Journal of biological chemistry, 301(8), 110484.

Tsui EL, et al. (2025) Primary human ovarian interstitial cells contribute to murine follicle growth through follicle-interstitial paracrine crosstalk. Research square.

Gohil R, et al. (2025) HMGN1 and HMGN2 are recruited to acetylated and histone variant H2A.Z-containing nucleosomes to regulate chromatin state and transcription. The Journal of biological chemistry, 302(1), 110997.

Nengroo MA, et al. (2025) Accumulation of succinate suppresses de novo purine synthesis through succinylation-mediated control of the mitochondrial folate cycle. Molecular cell, 85(22), 4215.

Liu Y, et al. (2025) Targeting Monoallelic CREBBP / EP300 Mutations in Germinal Center-Derived B-Cell Lymphoma with a First-in-Class Histone Acetyltransferase Activator. bioRxiv : the preprint server for biology.