

Resource Summary Report

Generated by PRECISE-TBI on Sep 15, 2026

University of Florida Health Mass Spectrometry and Proteomics Core Facility

RRID:SCR_023576

Type: Tool

Proper Citation

University of Florida Health Mass Spectrometry and Proteomics Core Facility
(RRID:SCR_023576)

Resource Information

URL: <https://scripps.ufl.edu/cores-and-technologies/mass-spectrometry-and-proteomics/>

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Description: Core provides range of mass spectrometry based proteomics services to assist with protein characterization, identification and quantification, and apply these technologies to solve relevant biological problems. Equipment including Thermo Scientific Orbitrap Fusion Tribrid mass spectrometer, Thermo Scientific Q Exactive hybrid quadrupole-Orbitrap benchtop mass spectrometer, Agilent Technologies 1100 HPLC. Services include Mini SDS-PAGE, Gel Coomassie staining, Protein/Peptide Assay, Protein Precipitation, Solution or in-gel sample digestion and high resolution LC-MS/MS using 1-4Hr gradients, High resolution LC-MS/MS using 1-4Hr gradients (self-digested samples), High resolution MS and MS/MS via direct infusion, Protein digest clean up, TMT quantification, SILAC quantification, Label free quantification, HPLC peptide separation.

Synonyms: Mass Spectrometry and Proteomics, University of Florida Health Mass Spectrometry and Proteomics

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

Keywords: USEDit, ABRF, mass spectrometry, proteomics services, protein characterization, protein identification, protein quantification,

Availability: Open

Resource Name: University of Florida Health Mass Spectrometry and Proteomics Core Facility

Resource ID: SCR_023576

Alternate IDs: ABRF_1763

Alternate URLs: <https://coremarketplace.org/?FacilityID=1763&citation=1>

Record Creation Time: 20230519T050224+0000

Record Last Update: 20260912T200426+0000

Ratings and Alerts

No rating or validation information has been found for University of Florida Health Mass Spectrometry and Proteomics Core Facility.

No alerts have been found for University of Florida Health Mass Spectrometry and 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 [PRECISE-TBI](#) .

Wang S, et al. (2026) Structural basis of TACO1-mediated efficient mitochondrial translation. Nature communications, 17(1).

Eldeeb MH, et al. (2026) Mitochondrial respirasome-like supercomplexes support metabolic flexibility in yeast. Nature communications, 17(1).

Watkins JM, et al. (2026) RNase L regulates the antiviral proteome by accelerating mRNA decay, inhibiting nuclear mRNA export, and repressing transcription. Cell reports, 45(3), 116924.

Dagar S, et al. (2026) Membrane-associated Rhes-Slc4a7 complex orchestrates tunneling nanotube formation and mutant Huntingtin spread. Science advances, 12(12), eaea1226.

Shaum JB, et al. (2026) High-throughput ligand diversification to discover chemical inducers of proximity. Nature chemical biology.

Tong J, et al. (2026) Assessing the suitability of deubiquitylases as substrates for targeted protein degradation. Cell chemical biology, 33(4), 571.

Bertone AL, et al. (2025) Cryopreserved equine umbilical cord tissue allograft characterization and biocompatibility in vivo in musculoskeletal tissues: a controlled study. BMC medicine, 23(1), 439.

Tong J, et al. (2025) Assessing the Suitability of Deubiquitylases As Substrates For Targeted Protein Degradation. *bioRxiv : the preprint server for biology*.

Chanda K, et al. (2025) The lncRNA Gas5 is an activity-responsive scaffold that mediates cAMP-dependent synaptic plasticity. *Science signaling*, 18(892), eadn2044.

Wang Y, et al. (2025) Chemical Tagging of N-Alkylamine-Containing Natural Products and Pharmaceuticals through C(sp³)-H Functionalization. *Journal of the American Chemical Society*, 147(47), 43424.

Watkins JM, et al. (2025) RNase L regulates the antiviral proteome by accelerating mRNA decay, inhibiting nuclear mRNA export, and repressing RNAPII-mediated transcription. *bioRxiv : the preprint server for biology*.

Brischigliaro M, et al. (2024) The human mitochondrial translation factor TACO1 alleviates mitoribosome stalling at polyproline stretches. *Nucleic acids research*, 52(16), 9710.

Carter TR, et al. (2024) SuFEx-based chemical diversification for the systematic discovery of CRBN molecular glues. *Bioorganic & medicinal chemistry*, 104, 117699.

Dagar S, et al. (2024) Ribosome Profiling and Mass Spectrometry Reveal Widespread Mitochondrial Translation Defects in a Striatal Cell Model of Huntington Disease. *Molecular & cellular proteomics : MCP*, 100746.