# Resource Summary Report

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## Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility

RRID:SCR_017801
Type: Tool

### Proper Citation

Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility (RRID:SCR_017801)

### Resource Information

**URL:** http://mass-spec.stanford.edu

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**Description:** Core mass spec and proteomic services include open access lab for trained users with GC/MS, LC/MS, high resolution LC/MS, and MALDI-TOF instruments, help with intact protein analysis, targeted quantitation, drug discovery support, pathway analysis, protein interactions, FFPE tissue analysis, both labeled and label-free proteomics, and more. Please contact SUMS to discuss these and other custom projects including new application development.

**Synonyms:** Vincent Coates Foundation Mass Spectrometry Laboratory

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

**Keywords:** Mass, spectrometry, proteomics, training, analysis, targeted, quantitation, drug, discovery, pathway, protein, interaction, service, USEDit, ABRF

**Funding:** Vincent and Stella Coates ;
NCI CA124435;
NIH S10 RR027425;
NIH S10 OD026962

**Availability:** Open

**Resource Name:** Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility

**Resource ID:** SCR_017801

**Alternate IDs:** ABRF_489

**Alternate URLs:** https://coremarketplace.org/?FacilityID=489

**Record Creation Time:** 20220129T080337+0000

**Record Last Update:** 20260808T190647+0000

## Ratings and Alerts

No rating or validation information has been found for Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility.

No alerts have been found for Stanford University Vincent Coates Foundation Mass Spectrometry Laboratory Core Facility.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 117 mentions in open access literature.

**Listed below are recent publications.** The full list is available at SPARC SAWG .

Strand LG, et al. (2026) Active maintenance of meiosis-specific chromosome structures in Caenorhabditis elegans by the deubiquitinase DUO-1. Proceedings of the National Academy of Sciences of the United States of America, 123(12), e2532671123.

Zakrzewska S, et al. (2026) Saxiphilin is a broad-spectrum toxin sponge for C13-modified saxitoxins. bioRxiv : the preprint server for biology.

MacKenzie TMG, et al. (2026) In Depth Characterization of the Promoter Proximal Proteome of Single Copy Locus FOXP2. Molecular & cellular proteomics : MCP, 25(6), 101570.

Thacker PS, et al. (2026) A SMUG1 Inhibitor Modulates the Excision of Pyrimidine DNA Damage. ACS medicinal chemistry letters, 17(6), 1285.

El Nesr G, et al. (2026) Zero-shot design of a de novo metalloenzyme. bioRxiv : the preprint server for biology.

Starvaggi FA, et al. (2026) Development and characterization of LipoCatch: a bacterial lipoprotein-based biomaterial that self-assembles into nanostructures. Nanoscale advances.

Yi H, et al. (2026) EcDNA-borne structural variants drive oncogenic fusion transcript amplification. Cell.

Perez KJ, et al. (2026) Phase II Trial of Cabozantinib in Combination with Nivolumab for Advanced Extrapancreatic Neuroendocrine Tumors. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(3), 540.

Sainz AG, et al. (2026) The MIRO1-BAX Complex Dictates Life and Death at the Mitochondrial Gate. bioRxiv : the preprint server for biology.

Song X, et al. (2026) Biomolecular condensates mediate C-N bond formation. Nature chemical biology, 22(7), 1165.

Chandra S, et al. (2026) Chemical modulation of Miro1 alleviates cell-type-specific vulnerabilities in Friedreich's ataxia. Cell chemical biology.

Li H, et al. (2026) Caspase Recruitment Domain 6 (CARD6) is the therapeutic target of dihydroartemisinin for lupus nephritis based on Proteolysis Targeting Chimera (PROTAC) technology. British journal of pharmacology, 183(16), 4969.

Winge MCG, et al. (2026) Ubiquitin-like proteins NEDD8 and SUMO2 control epithelial homeostasis, regeneration, and inflammation. Science (New York, N.Y.), 392(6805), eaeb3900.

Zakrzewska S, et al. (2026) Saxiphilin is a broad-spectrum toxin sponge for C13-modified saxitoxins. Structure (London, England : 1993).

Nshanian M, et al. (2025) Short-chain fatty acid metabolites propionate and butyrate are unique epigenetic regulatory elements linking diet, metabolism and gene expression. Nature metabolism, 7(1), 196.

Villicana C, et al. (2025) Incorporating Bone-Derived ECM into Macroporous Microribbon Scaffolds Accelerates Bone Regeneration. Advanced healthcare materials, 14(6), e2402138.

Feist WN, et al. (2025) Multilayered HIV-1 resistance in HSPCs through CCR5 Knockout and B cell secretion of HIV-inhibiting antibodies. Nature communications, 16(1), 3103.

Saad S, et al. (2025) DNA binding and mitotic phosphorylation protect polyglutamine proteins from assembly formation. Cell, 188(11), 2974.

Topkar VV, et al. (2025) RNA switch model for localization and translation of the myelin basic protein mRNA. bioRxiv : the preprint server for biology.

Strand LG, et al. (2025) Active maintenance of meiosis-specific chromosome structures in C. elegans by the deubiquitinase DUO-1. bioRxiv : the preprint server for biology.