

Resource Summary Report

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Harvard Medical School Center for Macromolecular Interactions Core Facility

RRID:SCR_018270

Type: Tool

Proper Citation

Harvard Medical School Center for Macromolecular Interactions Core Facility
(RRID:SCR_018270)

Resource Information

URL: <http://cmi.hms.harvard.edu>

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Description: Core provides scientific consultation, training and access to shared biophysical equipment for characterization and analysis of macromolecules and their complexes. Facility includes instruments measuring molecular interactions and assessing protein quality by Isothermal Titration Calorimetry (ITC), Surface Plasmon Resonance (SPR), Biolayer Interferometry (BLI), MicroScale Thermophoresis (MST), Differential Scanning Fluorimetry (DSF), Circular Dichroism (CD), Analytical Size Exclusion Chromatography with Multi-Angle Light Scattering (SEC-MALS), and Dynamic Light Scattering (DLS).

Abbreviations: CMI

Synonyms: Center for Macromolecular Interactions (CMI) in the department of Biological Chemistry and Molecular Pharmacology at Harvard Medical School, Harvard Medical School Center for Macromolecular Interactions

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

Keywords: Scientific consultation, training, biophysical equipment, macromolecule characterization, analysis, protein quality, chromatography, USEDit, ABRF

Availability: Open

Resource Name: Harvard Medical School Center for Macromolecular Interactions Core Facility

Resource ID: SCR_018270

Alternate IDs: ABRF_997

Alternate URLs: <https://coremarketplace.org/?FacilityID=997>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260821T194126+0000

Ratings and Alerts

No rating or validation information has been found for Harvard Medical School Center for Macromolecular Interactions Core Facility.

No alerts have been found for Harvard Medical School Center for Macromolecular Interactions Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Sargen MR, et al. (2026) A prophage-encoded abortive infection protein preserves host and prophage spread. *Nature*, 652(8108), 201.

Case BC, et al. (2026) DNA polymerase ?? autoinhibition is relieved via Ku interaction during non-homologous end joining. *Nucleic acids research*, 54(4).

Ragucci AE, et al. (2026) Nuclease-NTPase antiphage defence systems use conserved molecular features to control bacterial immunity. *Nature microbiology*, 11(5), 1424.

Yamaguchi S, et al. (2026) Nucleotide signals coordinate activation and inhibition of bacterial immunity. *Nature*, 652(8111), 978.

Fujimura E, et al. (2026) A viral ORFeome library for systems-level genetic dissection of host-pathogen interactions. *Cell*.

Shlosman I, et al. (2025) The hit-and-run of cell wall synthesis: LpoB transiently binds and activates PBP1b through a conserved allosteric switch. *Nature communications*, 16(1), 6723.