Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

University of Massachusetts Amherst Biophysical Characterization Core Facility

RRID:SCR_022357
Type: Tool

Proper Citation

University of Massachusetts Amherst Biophysical Characterization Core Facility (RRID:SCR_022357)

Resource Information

URL: https://www.umass.edu/ials/biophysical-characterization

Proper Citation: University of Massachusetts Amherst Biophysical Characterization Core Facility (RRID:SCR_022357)

Description: Provides expertise and access to instruments for study of structures and interactions of biological macromolecules such as proteins, nucleic acids, lipids, and complexes. Facility supports both discovery based research and assay development for translational applications. Offers to use equipment independently or with the help of faculty who have expertise in each method.

Synonyms: University of Massachusetts Amherst UMass Amherst Biophysical Characterization Core Facility, UMass Amherst Biophysical Characterization Core Facility

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

Keywords: USEDit, ABRF, biophysics, structures and interactions, biological macromolecules studies, proteins, nucleic acids, lipids, complexes

Funding:

Availability: open

Resource Name: University of Massachusetts Amherst Biophysical Characterization Core Facility

Resource ID: SCR_022357

Alternate IDs: ABRF_1372

Alternate URLs: https://coremarketplace.org/?FacilityID=1372&citation=1

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250426T060858+0000

Ratings and Alerts

No rating or validation information has been found for University of Massachusetts Amherst Biophysical Characterization Core Facility.

No alerts have been found for University of Massachusetts Amherst Biophysical Characterization Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hung SJ, et al. (2025) Optimization of Polyelectrolyte Coacervate Membranes via Aqueous Phase Separation. ACS applied materials & interfaces, 17(1), 1361.

Özden C, et al. (2024) Ca2+/CaM dependent protein kinase II (CaMKII)? and CaMKII? hub domains adopt distinct oligomeric states and stabilities. Protein science : a publication of the Protein Society, 33(4), e4960.

Menon NG, et al. (2023) A structural and functional comparison between two recombinant human lubricin proteins: Recombinant human proteoglycan-4 (rhPRG4) vs ECF843. Experimental eye research, 235, 109643.