Resource Summary Report

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Chicago University Biophysics Core Facility

RRID:SCR_017915
Type: Tool

Proper Citation

Chicago University Biophysics Core Facility (RRID:SCR_017915)

Resource Information

URL: https://biophy.uchicago.edu/

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Description: Core provides access to biophysics equipment, integral to research community at University of Chicago.Provides tools, training, and assistance for quantitative analysis of macromolecules and their interactions. Instruments include Seahorse XFe-96 Extracellular Flux Analyzer,Jasco J-1500 CD Spectrometer,Synergy Neo HST Plate Reader,Wyatt DAWN HELEOS II SLS,Wyatt DynaPro Plate Reader DLS,Wyatt DynaPro NanoStar DLS,HORIBA Fluorolog-3,Microcal iTC200,Molecular Imager,Bio-Rad ProteOn XPR to Biacore 8K,Agilent 8453 Spectrophotometer. Core provides staff assistance in conducting experiments.

Synonyms: BioPhysics Core Facilities

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

Keywords: Biophysics, equipment, tool, training, assistance, quantitative, analysis, macromolecule, interaction, spectrometer, service, core, ABRF

Availability: Open

Resource Name: Chicago University Biophysics Core Facility

Resource ID: SCR_017915

Alternate IDs: ABRF_802

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260729T044446+0000

Ratings and Alerts

No rating or validation information has been found for Chicago University Biophysics Core Facility.

No alerts have been found for Chicago University Biophysics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Keplinger AJ, et al. (2025) A revised model of nuclear actin import: Importin 9 competes with cofilin, profilin, and RanGTP for actin binding. bioRxiv : the preprint server for biology.

Feder JS, et al. (2025) A fluorescent-protein spin qubit. Nature, 645(8079), 73.

Meng L, et al. (2025) Scalable Bioelectronic Production of Extracellular Vesicles for Cardiac Tissue Regeneration. Device.

Keplinger AJ, et al. (2025) A revised model of nuclear actin import: Importin 9 competes with cofilin, profilin, and RanGTP for actin binding. The Journal of biological chemistry, 111123.

Lin X, et al. (2025) Practical Tips for the Application of HDX-MS to Membrane Proteins, Biomolecular Condensates, and Weak Protein Binders. Journal of the American Society for Mass Spectrometry, 36(8), 1575.

Jiang S, et al. (2024) The Role of Structural Flexibility in Hydrocarbon-Stapled Peptides Designed to Block Viral Infection via Human ACE2 Mimicry. Peptide science (Hoboken, N.J.), 116(6).

Bajwa P, et al. (2023) Cancer-associated mesothelial cell-derived ANGPTL4 and STC1 promote the early steps of ovarian cancer metastasis. JCI insight, 8(6).

Navotnaya P, et al. (2022) Annihilation of Excess Excitations along Phycocyanin Rods Precedes Downhill Flow to Allophycocyanin Cores in the Phycobilisome of Synechococcus elongatus PCC 7942. The journal of physical chemistry. B, 126(1), 23.