

Resource Summary Report

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University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility

RRID:SCR_025450

Type: Tool

Proper Citation

University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility
(RRID:SCR_025450)

Resource Information

URL: <https://www.uab.edu/cores/ircp/cryo-em>

Proper Citation: University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility (RRID:SCR_025450)

Description: Core supports the application of cryo-EM in making new scientific discoveries. Provides access and training in the use of cutting edge cryo-EM technology and techniques for the characterization of biological samples from the cellular to the atomic scale.

Abbreviations: CEMF

Synonyms: , UAB Cryo-EM Facility, Cryo-Electron Microscopy Facility (CEMF), University of Alabama at Birmingham Cryo-Electron Microscopy Facility

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

Keywords: Cryo-Electron Microscopy, cryo-EM, characterization of biological samples, cellular scale, atomic scale,

Resource Name: University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility

Resource ID: SCR_025450

Alternate IDs: ABRF_2821

Alternate URLs: <https://coremarketplace.org/?FacilityID=2821&citation=1>

Record Creation Time: 20240709T053252+0000

Record Last Update: 20260905T133459+0000

Ratings and Alerts

No rating or validation information has been found for University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility.

No alerts have been found for University of Alabama at Birmingham Cryo-Electron Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Chhikara N, et al. (2026) The structure of the SufBC2D-SufE complex reveals the mechanism of sulfur transfer in bacterial Fe-S cluster assembly. bioRxiv : the preprint server for biology.

Nieto Noblecia J, et al. (2026) Pseudomonas aeruginosa DEV phage exploits the essential LptD outer membrane protein as receptor for adsorption. mBio, 17(2), e0356125.

Li F, et al. (2026) Structural atlas of Pakpunavirus P7-1 reveals determinants of virion stability and genome ejection. Communications biology, 9(1).

Li J, et al. (2026) Insights into Genome Ejection by a Therapeutic phiKMV-like Bacteriophage. bioRxiv : the preprint server for biology.

Li F, et al. (2025) Structural atlas of Pakpunavirus P7-1 reveals determinants of virion stability and genome ejection. bioRxiv : the preprint server for biology.

Ko YH, et al. (2025) Ran modulates allosteric crosstalk between importin β surfaces. Nature communications, 16(1), 11425.

Bellis NF, et al. (2025) Structure of the giant RNA polymerase ejected from coliphage N4. Research square.

Ko YH, et al. (2025) RAN MODULATES ALLOSTERIC CROSSTALK BETWEEN IMPORTIN β SURFACES. Research square.

Kizziah JL, et al. (2025) Structure of the Staphylococcus aureus bacteriophage 80 γ neck shows details of the DNA, tail completion protein, and tape measure protein. Structure (London, England : 1993), 33(6), 1063.