

# 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:** core facility, service resource, access 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:** 20260801T191326+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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  $\beta$  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  $\beta$  SURFACES. Research square.

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