

Resource Summary Report

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University of Pittsburgh Cryo-electron Microscopy Core Facility

RRID:SCR_025216

Type: Tool

Proper Citation

University of Pittsburgh Cryo-electron Microscopy Core Facility (RRID:SCR_025216)

Resource Information

URL: <https://www.structbio.pitt.edu/index.php/facilities/cryoem>

Proper Citation: University of Pittsburgh Cryo-electron Microscopy Core Facility (RRID:SCR_025216)

Description: Facility provides access to cutting edge instrumentation for high resolution structural analysis of proteins, protein complexes, viruses, macromolecular assemblies, cellular organelles, and bacterial cells., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: , University of Pittsburgh Cryo-electron Microscopy Facility, Cryo-electron Microscopy Facility

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

Keywords: ABRF, structural analysis, proteins, protein complexes, viruses, macromolecular assemblies, cellular organelles, bacterial cells,

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: University of Pittsburgh Cryo-electron Microscopy Core Facility

Resource ID: SCR_025216

Alternate IDs: ABRF_2701

Alternate URLs: <https://coremarketplace.org/?FacilityID=2701&citation=1>

Record Creation Time: 20240405T053252+0000

Record Last Update: 20260821T194306+0000

Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Cryo-electron Microscopy Core Facility.

No alerts have been found for University of Pittsburgh Cryo-electron Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Gluszko A, et al. (2026) Small Extracellular Vesicles (sEV) in Surgical Drain Fluids of Oral Squamous Cell Carcinoma Patients Carry Luminal and Surface DNA. International journal of molecular sciences, 27(10).

Zhang X, et al. (2026) Mechanism of GPR84 allosteric modulation at a helix 8-proximate site. bioRxiv : the preprint server for biology.

Johnson ME, et al. (2026) Structural dynamics insights into principles underlying the fitness of new broadly potent AAVs. bioRxiv : the preprint server for biology.

Gluszko A, et al. (2026) Nucleic Acids on the Surface and Lumen of Tumor-Derived Small Extracellular Vesicles as Potential Cancer Biomarkers. Cells, 15(6).

Gutierrez LC, et al. (2026) An Automated Workflow Leveraging Machine Learning for Physical Titer Determination from Cryo-TEM Images of Adeno-Associated Virus Capsids. Chemical & biomedical imaging, 4(5), 767.

Blauwkamp J, et al. (2025) An Essential Adaptor for Apicoplast Fission and Inheritance in Malaria Parasites. bioRxiv : the preprint server for biology.

Belford AK, et al. (2025) Structural insights into scaffold-guided assembly of the Pseudomonas phage D3 capsid. Nature communications, 16(1), 11586.

Hansen KH, et al. (2025) Structural basis of Pseudomonas biofilm-forming functional amyloid FapC formation. Science advances, 11(39), eadx7829.

Wieteska ?, et al. (2025) Structures of TGF- β with betaglycan and signaling receptors reveal mechanisms of complex assembly and signaling. Nature communications, 16(1), 1778.

Blauwkamp JA, et al. (2025) An essential adaptor for apicoplast fission and inheritance in malaria parasites. Nature communications, 16(1), 11325.

Fischer HL, et al. (2025) Deletion of the Envelope gene attenuates SARS-CoV-2 infection by altered Spike localization and increased cell-to-cell transmission. *bioRxiv : the preprint server for biology*.

Huang H, et al. (2025) Rational development of gemcitabine-based nanoplatform for targeting SERPINB9/Granzyme B axis to overcome chemo-immune-resistance. *Nature communications*, 16(1), 4176.

Vetturini AJ, et al. (2025) Generative design-enabled exploration of wireframe DNA origami nanostructures. *Nucleic acids research*, 53(2).

Blauwkamp J, et al. (2025) An Essential Adaptor for Apicoplast Fission and Inheritance in Malaria Parasites. *Research square*.

Wang P, et al. (2025) Steric control of signaling bias in the immunometabolic receptor GPR84. *bioRxiv : the preprint server for biology*.