

Resource Summary Report

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Fred Hutchinson Cancer Center Electron Microscopy Core Facility

RRID:SCR_022611

Type: Tool

Proper Citation

Fred Hutchinson Cancer Center Electron Microscopy Core Facility (RRID:SCR_022611)

Resource Information

URL: <https://www.fredhutch.org/en/research/shared-resources/core-facilities/electron-microscopy.html>

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Description: Offers techniques to resolve structures from cellular ultrastructure to molecular interactions. Offers expertise in EM sample preparation and imaging, cryogenic electron microscopy, technologies and services, training through complexities of electron microscopy workflow, from sample preparation to image processing. All users must be trained by core staff.

Synonyms: Fred Hutchinson Cancer Center Electron Microscopy Shared Resource

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

Keywords: electron microscopy sample preparation and imaging, cryogenic electron microscopy, image processing, electron microscopy workflow expertise, ABRF, USEDit, NACCSR

Availability: Open

Resource Name: Fred Hutchinson Cancer Center Electron Microscopy Core Facility

Resource ID: SCR_022611

Alternate IDs: ABRF_1535

Alternate URLs: https://coremarketplace.org/RRID:SCR_022611/?citation=1

Record Creation Time: 20220802T050144+0000

Record Last Update: 20260905T133427+0000

Ratings and Alerts

No rating or validation information has been found for Fred Hutchinson Cancer Center Electron Microscopy Core Facility.

No alerts have been found for Fred Hutchinson Cancer Center Electron Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Wan YH, et al. (2026) Monoclonal neutralizing antibodies elicited by infection with Kaposi sarcoma-associated herpesvirus reveal critical sites of vulnerability on gH/gL. PLoS pathogens, 22(1), e1013772.

Kaiser AJ, et al. (2026) Competing forms of protein-protein association and DNA binding exhibited by BrxC from the BREX phage restriction system. bioRxiv : the preprint server for biology.

Kaiser AJ, et al. (2026) Multiple forms of protein-protein and DNA binding are exhibited by BrxC from the BREX phage restriction system. Nucleic acids research, 54(12).

Gupta A, et al. (2026) Dynamics of phage-host interactions in Bacteroides fragilis resolved by single-cell transcriptomics. Nature communications, 17(1).

Chhan CB, et al. (2026) Transgenic mouse-derived human monoclonal antibodies targeting EBV gp350 and gp42 provide basis for therapeutic development. Cell reports. Medicine, 7(2), 102618.

Readshaw JJ, et al. (2025) PglZ from Type I BREX phage defence systems is a metal-dependent nuclease that forms a sub-complex with BrxB. Nucleic acids research, 53(12).

Chen R, et al. (2025) Collaboration between a temperate phage and Pseudomonas aeruginosa quorum sensing constrains social cheats. mBio, e0236025.

Wang X, et al. (2025) De Novo Design of Integrin $\alpha 5 \beta 1$ Modulating Proteins to Enhance Biomaterial Properties. Advanced materials (Deerfield Beach, Fla.), 37(34), e2500872.

Carter JJ, et al. (2025) Human monoclonal antibodies to HPV16 show evidence for common developmental pathways and public epitopes. PLoS pathogens, 21(10), e1013086.

Gupta A, et al. (2025) Combinatorial phenotypic landscape enables bacterial resistance to phage infection. *bioRxiv : the preprint server for biology*.

Readshaw JJ, et al. (2025) PglZ from Type I BREX phage defence systems is a metal-dependent nuclease that forms a sub-complex with BrxB. *bioRxiv : the preprint server for biology*.

Kelnhöfer-Millevolte LE, et al. (2025) Human cytomegalovirus induces neuronal gene expression through IE1 for viral maturation. *Nature communications*, 16(1), 7316.

Dasari AKR, et al. (2025) Cryo-EM structural analyses reveal diverse porous structures in brain-derived tau oligomers. *Biochemical and biophysical research communications*, 776, 152189.

Scharffenberger SC, et al. (2024) Targeting RSV-neutralizing B cell receptors with anti-idiotypic antibodies. *Cell reports*, 43(10), 114811.

Wang X, et al. (2024) De Novo Design of Integrin $\alpha 5 \beta 1$ Modulating Proteins for Regenerative Medicine. *bioRxiv : the preprint server for biology*.

Kelnhöfer-Millevolte LE, et al. (2024) Human cytomegalovirus induces neuronal gene expression for viral maturation. *bioRxiv : the preprint server for biology*.