

Resource Summary Report

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New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility

RRID:SCR_019202

Type: Tool

Proper Citation

New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility (RRID:SCR_019202)

Resource Information

URL: <https://med.nyu.edu/research/scientific-cores-shared-resources/cryo-electron-microscopy-laboratory/>

Proper Citation: New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility (RRID:SCR_019202)

Description: Shared resource hosting advanced cryo???electron microscopes fitted with direct detectors as well as equipment for sample preparation.

Synonyms: New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory

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

Keywords: USEDit, cryo electron microscope, sample preparation equipment, ABRF

Availability: Restricted

Resource Name: New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility

Resource ID: SCR_019202

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260905T133419+0000

Ratings and Alerts

No rating or validation information has been found for New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility.

No alerts have been found for New York University School of Medicine Langone Health Cryo-Electron Microscopy Laboratory Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Hussein A, et al. (2026) Lipids are essential for potassium transport by KdpFABC from E. coli. bioRxiv : the preprint server for biology.

Feng Z, et al. (2026) Calcium dependent activation of the TMEM16F scramblase and ion channel. Nature structural & molecular biology, 33(4), 664.

Mishra P, et al. (2026) Miniprotein inhibitors of the Staphylococcus aureus efflux transporter NorA. bioRxiv : the preprint server for biology.

Kannan S, et al. (2026) Evolution-guided protein design of IscB for persistent epigenome editing in vivo. Nature biotechnology, 44(5), 759.

Sverzhinsky A, et al. (2026) PARP1-HPF1 structure and dynamics on nicked DNA suggest a mechanism for acute and localized ADP-ribosylation. Nature communications, 17(1).

Hu Z, et al. (2026) Protein Engineering-Enabled Cryo-EM Investigation of Small GTPases. Journal of molecular biology, 438(17), 169860.

Li CC, et al. (2026) Mechanism of lipid-dependent cold sensitivity in a model ion channel. Nature communications, 17(1).

Hussein A, et al. (2025) Conduction pathway for potassium through the Escherichia coli pump KdpFABC. eLife, 14.

Park T, et al. (2025) PIP2 Binding at Allosteric Site Blocks Activation in Human Rod CNG Channels. bioRxiv : the preprint server for biology.

Riel EB, et al. (2025) The cryo-EM structure and physical basis for anesthetic inhibition of the THIK1 K2P channel. Proceedings of the National Academy of Sciences of the United States of America, 122(14), e2421654122.

Hussein A, et al. (2025) Conduction pathway for potassium through the E. coli pump KdpFABC. bioRxiv : the preprint server for biology.

Maso L, et al. (2025) Engineered antibodies that stabilize drug-modified KRASG12C neoantigens enable selective and potent cross-HLA immunotherapy. *Nature communications*, 16(1), 11264.

Hattori T, et al. (2025) Engineering antibody-drug conjugates targeting an adhesion GPCR, CD97. *Proceedings of the National Academy of Sciences of the United States of America*, 122(40), e2516627122.

Agarwal S, et al. (2025) Ball-and-chain inactivation of a human large conductance calcium-activated potassium channel. *Nature communications*, 16(1), 1769.

Xie P, et al. (2025) A fiducial-assisted strategy compatible with resolving small MFS transporter structures in multiple conformations using cryo-EM. *Nature communications*, 16(1), 7.

Wang S, et al. (2025) Bond-centric modular design of protein assemblies. *Nature materials*, 24(10), 1644.

Lv G, et al. (2025) Amyloid fibril structures link CHCHD10 and CHCHD2 to neurodegeneration. *Nature communications*, 16(1), 7121.

Maso L, et al. (2025) Generation of actionable, cancer-specific neoantigens from KRAS(G12C) with adagrasib. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2509012122.

Chakraborty S, et al. (2025) Structure and function of the human apoptotic scramblase Xkr4. *Nature communications*, 16(1), 7317.

Lavoie H, et al. (2025) BRAF oncogenic mutants evade autoinhibition through a common mechanism. *Science (New York, N.Y.)*, 388(6750), eadp2742.