Resource Summary Report

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University of Texas at Austin Cryo Electron Microscopy Core Facility

RRID:SCR_022951
Type: Tool

Proper Citation

University of Texas at Austin Cryo Electron Microscopy Core Facility (RRID:SCR_022951)

Resource Information

URL: https://research.utexas.edu/cbrs/cores/cem/

Proper Citation: University of Texas at Austin Cryo Electron Microscopy Core Facility (RRID:SCR_022951)

Description: Offers training, assisted and unassisted use of microscopes and equipment, as well as consultations and collaborations. Support includes single particle cryo-EM, Cryo-ET, Micro-ED,simple characterization of samples in vitrified aqueous mixtures (e.g. nanoparticle size, etc.).

Synonyms: UTA CBRS Sauer Structural Biology Laboratory, University of Texas at Austin UTA CBRS Sauer Structural Biology Laboratory

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

Keywords: USEDit, ABRF, single particle cryo-EM, Cryo-ET, Electron Microscopy, Micro-ED, characterization of samples in vitrified aqueous mixtures, nanoparticle size

Funding:

Resource Name: University of Texas at Austin Cryo Electron Microscopy Core Facility

Resource ID: SCR_022951

Alternate IDs: ABRF_1625

Alternate URLs: https://coremarketplace.org/?FacilityID=1625&citation=1

Record Creation Time: 20221109T050203+0000

Record Last Update: 20250517T060524+0000

Ratings and Alerts

No rating or validation information has been found for University of Texas at Austin Cryo Electron Microscopy Core Facility.

No alerts have been found for University of Texas at Austin Cryo Electron Microscopy Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Afsar M, et al. (2023) Cryo-EM structures of Uba7 reveal the molecular basis for ISG15 activation and E1-E2 thioester transfer. Nature communications, 14(1), 4786.

Rawal Y, et al. (2023) Structural insights into BCDX2 complex function in homologous recombination. Nature, 619(7970), 640.

Musalgaonkar S, et al. (2023) The Ribosome Assembly Factor Reh1 is Released from the Polypeptide Exit Tunnel in the Pioneer Round of Translation. bioRxiv : the preprint server for biology.

Jara MO, et al. (2022) Oral Delivery of Niclosamide as an Amorphous Solid Dispersion That Generates Amorphous Nanoparticles during Dissolution. Pharmaceutics, 14(12).