Resource Summary Report

Generated by NIF on Apr 15, 2025

University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility

RRID:SCR_021755
Type: Tool

Proper Citation

University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility (RRID:SCR_021755)

Resource Information

URL: https://cryoem.sites.ucsc.edu/

Proper Citation: University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility (RRID:SCR_021755)

Description: Biomolecular facility equipped with JEOL 120kV and Glacios 200 kV with K2 Summit direct detector. Provides insights and high throughput data collection and analysis,single particle analysis, sample screening, and high resolution reconstruction.

Synonyms: Biomolecular Cryo Electron Microscopy Facility

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

Keywords: USEDit, ABRF, single particle analysis, sample screening, high resolution reconstruction

Funding:

Resource Name: University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility

Resource ID: SCR_021755

Alternate IDs: ABRF_1223

Alternate URLs: https://coremarketplace.org/?FacilityID=1223

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250412T060403+0000

Ratings and Alerts

No rating or validation information has been found for University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility.

No alerts have been found for University of California at Santa Cruz Biomolecular Cryo Electron Microscopy Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ngoi P, et al. (2025) Structural mechanism for recognition of E2F1 by the ubiquitin ligase adaptor Cyclin F. bioRxiv : the preprint server for biology.

Ye Q, et al. (2024) Human calpain-3 and its structural plasticity: dissociation of a homohexamer into dimers on binding titin. bioRxiv : the preprint server for biology.

Kuhn AJ, et al. (2024) Amyloid-? Peptide Formed through Alternative Processing of the Amyloid Precursor Protein Attenuates Alzheimer's Amyloid-? Toxicity via Cross-Chaperoning. Journal of the American Chemical Society, 146(4), 2634.

Balasco Serrão VH, et al. (2024) Bacterial selenocysteine synthase structure revealed by single-particle cryoEM. Current research in structural biology, 7, 100143.

Azimi FC, et al. (2023) A Frame-by-Frame Glance at Membrane Fusion Mechanisms: From Viral Infections to Fertilization. Biomolecules, 13(7).

Johnston AR, et al. (2022) Excitonically Coupled Simple Coacervates via Liquid/Liquid Phase Separation. The journal of physical chemistry letters, 13(44), 10275.