Resource Summary Report

Generated by NIF on Aug 19, 2026

University of Cincinnati Center for Advanced Structural Biology Core Facility

RRID:SCR_025796
Type: Tool

Proper Citation

University of Cincinnati Center for Advanced Structural Biology Core Facility (RRID:SCR_025796)

Resource Information

URL: https://med.uc.edu/research/core/Index/208/Facility/

Proper Citation: University of Cincinnati Center for Advanced Structural Biology Core Facility (RRID:SCR_025796)

Description: Integrates technology in single-particle cryogenic electron microscopy. Thermo Scientific Talos L120C Transmission Electron Microscope is available for visualizing nanoparticles, negatively stained proteins or conventional biological samples. It can be operated at 80kV or 120kV. Thermo Scientific Glacios 200 kV cryogenic TEM is equipped with both Ceta-16M camera and TFS Falcon 4 direct electron detector, in addition to Selectris Energy Filter. This system is able to generate images for atomic resolution structures for single particle analysis projects. Glacios also includes software for micro-Electron Diffraction data set collection. Available services include Training and access to the Mark IV Vitrobot plunge freezer,Training and access to the Talos L120C TEM system, Training and access to the Glacios 200 kV cryogenic TEM system, Assisted TEM analysis by CASB personnel.

Synonyms: University of Cincinnati Center for Advanced Structural Biology, , Center for Advanced Structural Biology

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

Keywords: ABRF, single-particle cryogenic electron microscopy,

Resource Name: University of Cincinnati Center for Advanced Structural Biology Core Facility

Resource ID: SCR_025796

Alternate IDs: ABRF_2920

Alternate URLs: https://coremarketplace.org/?FacilityID=2920&citation=1

Record Creation Time: 20240925T053249+0000

Record Last Update: 20260819T044620+0000

Ratings and Alerts

No rating or validation information has been found for University of Cincinnati Center for Advanced Structural Biology Core Facility.

No alerts have been found for University of Cincinnati Center for Advanced Structural Biology Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.