



Cryogenic Electron Microscopy (cryo-EM) Facility

The cryo-EM facility uses a range of high-end, user-friendly equipment for cryo-imaging of various biological targets.

ThermoFisher Vitrobot MarkIV System

The Mark IV Vitrobot offers semi-automated vitrification for fast and reproducible sample grids.



ThermoFisher Glacios 2 Cryo-TEM (Transmission Electron Microscope)

The Glacios 200keV microscope outfitted with Falcon IV detector combined with Selectris energy filter can capture up to 250 micrographs per hour obtaining near atomic resolution from a broad range of biological targets. In addition, the microscope is also equipped with Ceta-D camera for micro-electron (MicroED) applications. The facility also provides access to software for structural reconstruction.

PELCO easiGlow

PELCO easiglow is a simple to use glow discharge system to clean TEM grids using air and make carbon support films on grids hydrophilic for better sample spread on the grids.

