Introducing the UW-Madison Cryo-Electron Microscopy Research Center

Cryo-electron microscopy (cryo-EM) has revolutionized biological research by providing atomic to nanometer-scale resolution 3D structures of biological objects, such as purified complexes, viruses, bacteria and archaea, and eukaryotic cells.

Interested in learning more about cryo-EM?
Looking to access this technology through the UW-Madison CEMRC?

Attend our virtual office hours Thursday mornings from 9:00 – 10:00. No registration necessary! Just click on the link below at 9:00 am on Thursday to join the conversation

Cryo-EM facility office hours
Or paste this link
https://uwmadison.zoom.us/j/94339374009

or e-mail cryoem@biochem.wisc.edu for more information.

About the Cryo-Electron Microscopy Research Center (CEMRC)
Located in the Hector F. DeLuca Biochemical Sciences Complex, the Cryo-Electron Microscopy Research Center (CEMRC) is dedicated to providing instrumentation, technical assistance, training, and access to cryo-electron microscopy for the UW-Madison research community. The center houses three Thermo Fisher Scientific cryo-transmission electron microscopes and a cryo-dual beam system (focused ion beam scanning electron microscope, cryo-FIB-SEM) along with supporting specimen preparation equipment. The instruments are overseen by experienced staff who offer consultation and training in negative-stain and vitrified sample preparation, 2D high-resolution imaging, 3D single particle analysis, 3D electron tomography, data processing and additional computational support. www.cryoem.wisc.edu