**Position Title**:

Postdoctoral Fellow - Structural characterization of macromolecular complexes *in situ*.

**Position Description**:

The Cryo-EM Core at the National Institute of Environmental Health Sciences (NIEHS) is seeking a highly motivated, talented and creative postdoctoral researcher. The successful candidate will collaborate with our team under the supervision of Dr. Mario J. Borgnia to develop and apply methods in single particle cryo-electron microscopy, cryo-electron tomography and cryo-FIBSEM to the study of various macromolecular complexes. This position is funded by the Intramural Program of the National Institutes of Health (NIH). NIEHS is part of NIH and is located at the Research Triangle Park, a technological enclave in the Raleigh/Durham area, North Carolina. The Cryo-EM core has established a collaborative training environment with research groups from regional institutions including Duke University, the University of North Carolina at Chapel Hill, East Carolina University and North Carolina State University. The Core is equipped with a 300 KeV Titan Krios G4, a 200 KeV Talos Arctica, an Aquilos cryo-FIBSEM and various freezing devices. We have access to extensive computational resources including High-Performance Computing at NIH and cloud computing. We work in close collaboration with other NIEHS cores providing access to protein expression and purification, viral vectors, NMR, X-ray crystallography, mass spectrometry and molecular dynamics.

Suitably qualified candidates will possess a Ph.D., training in biochemistry or biophysics with focus on structural biology and have less than 2 years of postdoctoral experience. Computational skills including programming and proficiency in Linux are highly desirable. Proficiency in English, superior communication skills and a demonstrated record of accomplishment are required.

The NIH is dedicated to building a diverse community in its training and employment programs.

Applications will be accepted until the position is filled, but preference will be given to those received before the deadline.

**Employer Name**:

National Institute of Environmental Health Sciences

**Position Location**:

Research Triangle Park, NC

**Application Deadline**:

Applications will be considered until the position is filled, with preference given to those received before July 15, 2025.

**Contact Information:**

Mario J. Borgnia, mborgnia@nih.gov