

**Frederick National Laboratory Advisory Committee**  
***Ad Hoc* National Cryo-Electron Microscopy Program Oversight Subcommittee**

**Mission Statement**

The purpose of this *ad hoc* subcommittee is to provide oversight to the Frederick National Laboratory Advisory Committee (FNLAC); the Associate Director, NCI, Frederick; and the Director, NCI on the operation of the National Cryo-Electron Microscopy (Cryo-EM) Program at the Frederick National Laboratory for Cancer Research (FNLCR).

The subcommittee will evaluate the goals; scientific priorities; research scope; technical operations; and instrumentation and staffing needs of the National Cryo-EM Program in its mission to support the use of cryo-EM methodologies to solving problems in cancer research.

The National Cryo-EM Program at the FNLCR comprises two groups:

- The National Cryo-EM Facility (NCEF) collects high-resolution structural data on specimens provided by extramural researchers using state-of-the-art microscopes. A major goal of the NCEF is to expand access to advanced cryo-EM technology within the extramural cancer research community.
- The Advanced Cryo-EM Technologies Group (ACTG) explores emerging imaging platforms and develops methodologies, focusing on projects with the potential to make cryo-EM a more widely accessible technique.

The subcommittee will evaluate the progress of the National Cryo-EM Program and oversee potential expansions of staff and equipment based upon demand. The findings of this subcommittee will be invaluable for assessing the effectiveness of the National Cryo-EM Program, and in gauging the need for cryo-EM facilities in the extramural community. Additionally, working groups may be established to conduct research and draft position papers when necessary.