

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

Mission Statement

The purpose of the *ad hoc* National Cryo-Electron Microscopy Program Oversight (NCMPO) Working Group (WG) is to provide the highest quality oversight of the technical aspects of the National Cryo-Electron Microscopy (cryo-EM) Program (Program) and provide findings and recommendations to the Frederick National Laboratory Advisory Committee (FNLAC) and the *ad hoc* Cryo-Electron Microscopy Program subcommittee. The Program is hosted and staffed by the Frederick National Laboratory for Cancer Research (FNLCR).

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 *ad hoc* working group 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 solve problems in cancer research. The WG will assess Program progress and oversee potential expansions based upon demand. Findings from this working group will be invaluable for assessing the effectiveness of Program operations, and in gauging the future need for cryo-EM and related technologies and services that support the extramural community.