

Frederick National Laboratory Advisory Committee
***Ad Hoc* Working Group on Cancer Models and Therapeutics Development**

Mission Statement

The purpose of this *ad hoc* working group is to provide oversight to the Frederick National Laboratory Advisory Committee (FNLAC), the Associate Director, Frederick National Laboratory for Cancer Research (FNLCR), and the Director, NCI on the operation of the Frederick National Laboratory Patient Derived Models Repository (PDMR), which is hosted by the FNLCR.

The working group will provide guidance on the future scientific direction of the Frederick National Laboratory Patient Derived Models Repository (PDMR). This facility develops and currently houses an expanding library of patient-derived xenograft (PDX) tumor models, as well as conditionally-reprogrammed early passage, two-dimensional tumor cell lines, patient-derived organoid cultures, and cancer associated fibroblast cultures produced from human tumor surgical, biopsy, and autopsy samples. In many cases, both *in vivo* and *in vitro* tumor models have been produced from the same patient specimens that are clinically-annotated, and that have undergone an extensive array of molecular characterization studies. The purpose of the repository is to provide these comprehensively evaluated models that represent a broad range of malignant histologies to the cancer research community at low cost in order to advance the research needs of tumor biologists and investigators involved in therapeutics discovery. The working group will evaluate the progress of the PDMR, gauge its effectiveness in meeting the needs of the extramural community, and will assist the PDMR to adapt to advances in the field as they occur.

Working Group membership will include select FNLAC members, as well as individuals with appropriate expertise.