

**NATIONAL CANCER INSTITUTE  
DEVELOPMENTAL THERAPEUTICS PROGRAM  
MOLECULAR TARGET MEASUREMENTS**

The Molecular Targets effort within the DTP is a collaboration between qualified researchers and the DTP. Following review and approval of proposals by the DTP Molecular Targets Team, DTP will provide frozen cell pellets (or other 60 cell materials) from the NCI panel of 60 human tumor cell lines, free of charge. Approved proposals will require researchers to complete a Material Transfer Agreement, which includes an agreement to return target measurements to DTP. Upon receipt of the data, DTP will assist in data analysis and, upon request, may be able to provide those compounds whose sensitivity patterns across the 60 cell line panel correlates with levels of the Molecular Target. All Molecular Target measurements are to be made public on the DTP web site, after sufficient time for the researcher to publish the data, as specified in the Material Transfer Agreement.

Researchers interested in measuring Molecular Targets in the 60 human tumor cell line panel are invited to submit the following application.

We prefer to receive applications by email at: **[moltarget@mail.nih.gov](mailto:moltarget@mail.nih.gov)**

**APPLICATION TO MEASURE MOLECULAR TARGETS IN THE NCI PANEL OF 60 HUMAN TUMOR CELL LINES**

**NAME:**

**DATE:**

**INSTITUTIONAL AFFILIATION:**

**POSTAL ADDRESS:**

**EMAIL:**

**PHONE:**

**FAX:**

**MOLECULAR TARGET(S) TO BE MEASURED (e.g. Protein levels of X, Activity of Y, Modification of Z):**

**MATERIALS and AMOUNT REQUESTED (We prefer to provide frozen (non-viable) pellets of  $\sim 10^7$  cells, but may provide other materials upon request. Proposals will be evaluated based on merit and on our costs to provide the materials):**

**RELEVANCE OF MOLECULAR TARGET(S) TO CANCER (Please include references to publications as appropriate. You may increase the size of this section as needed.):**

**PROPOSED METHOD AND PROTOCOL (Please include references to publications as appropriate, and provide details as to how the target will be measured, including controls and proposed replicates. You may increase the size of this section as needed.):**

**FUNDING SOURCE(S):**

**MANPOWER TO BE APPLIED TO TARGET MEASUREMENTS:**

**ESTIMATED TIME TO COMPLETE TARGET MEASUREMENTS:**