

IN VITRO STUDY DESIGN & BEAM REQUEST

PROJECT TITLE:

Principal investigator:

PI Affiliation: CCHMC UC Other:

Research Field: Biology Physics Other:

Initial submission date:

Requested Beam Time (I.E. 1 hr., etc.):

Preferred irradiation date:

Modification # and date:

Date approved:

STUDY OBJECTIVES:

- (1) Describe the key question to be addressed by this experiment.

- (2) Define study endpoint

- (3) Provide a full list of measurements required (e.g. cell survival, RNA, protein assays).

MODEL INFORMATION:

- Cell line name:
- Cell line culture condition:
- Independent variable (transfections, drug exposure, etc):
- Any cell manipulation desired to be performed at Liberty (plating, etc):

RADIATION TREATMENT SETUP:

Type of plate or containers to be irradiated (6-well, T25, etc) note specific wells on the same plate cannot be differently irradiated	
Beam particle/preferred delivery platform	
Transmission or Bragg peak treatment (FLASH can only be done transmission)	
Does the experiment include a high dose rate (FLASH) group	

