

Frederick National Laboratory for Cancer Research (FNLCR) Electron Microscope Program Application

(Do Not Hand Write this Form)

The required information for the establishment of any new Electron Microscope program can be supplied in the following document. This document has been created to simplify and to expedite the radiation application process by ensuring that all pertinent information as outlined in the FNLCR Radiation Safety Manual is supplied.

In addition, an Electron Microscope Users Application Form for each individual requesting authorization to use electron microscope must accompany the Radiation Program Application.

Program Summary

Principal Investigator:
Organization:
Project Name:
Degrees:
Primary Radiation Training:
Radiation Area Supervisor:
Degrees:
Primary Radiation Training:

For Radiation Safety Office and Committee Use Only

Organization Director: _____ Date: _____

Radiation Protection Officer: _____ Date: _____

Radiation Safety Committee Chairman: _____ Date: _____

Approved Radiation Program Number: _____ Program Expiration Date: _____

Protocol and Electron Microscope Information

Uses

Protocol:

Electron Microscope Information: (fill out as appropriate)

Type of Unit:

Manufacturer:

Model #:

Serial #:

NIH #:

Operating Voltage:

Training

It is the responsibility of the Principal Investigator and/or Radiation Area Supervisor to oversee and document the training of specific laboratory procedures for laboratory personnel. Use of an Electron Microscope prior to successful completion of training provided by the Radiation Program's Principle Investigator or Area Supervisor is prohibited. Dated documentation of successful completion for all authorized users must be kept on file for review.

All procedures will be performed to keep exposure As Low As Reasonably Achievable (ALARA). Adequate shielding will be provided and used as necessary. Additionally, eye protection, remote handling devices and protective clothing will be used when appropriate.

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Authorized Electron Microscope Use Areas

Building	Room

Radiation Monitoring Equipment

Please provide the Radiation Safety Office with a current and accurate list of meters (e.g., Geiger counter) used for monitoring within your laboratory. Include the model number, serial number and NIH number (when possible).

MONITORING EQUIPMENT		
Model	Serial #	NIH#

Radiation Safety Precautions To Be Used

All Electron Microscope procedures will be conducted in accordance with the FNLCR ALARA program. Appropriate safety equipment and personal protection equipment will be used.

(Principal Investigator's Signature)

(Date)