

Standard Operating Procedure

SOP Number: **02-18-4905**

Service: **Research**

Operating Section: **Husbandry**

Unit: **Comparative Medicine Facility**

Title: **Transportation of Mice Housed in Cancer Center Room 310 To and From the Cancer Center Irradiator Room (314A)**

Purpose:


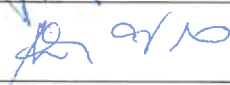
To establish procedures for moving mice housed in Cancer Center Room 310 to and from the Cancer Center Irradiator Room (314A)

Procedure:

- 1) Prior to using the irradiator, contact the coordinator of the irradiator for training and security access.
- 2) Follow the proper entry order when selecting mice to be irradiated. Make sure "barrier" mice are irradiated before "less" clean mice in the entry order. Please ask CMF staff any questions about the order of mice to be irradiated.
- 3) Observe all posted gowning procedures prior to entering Cancer Center animal housing room 310.
- 4) In the outer hallway adjacent to room 310 spray the wheels of the cart (with 256 CPQ, or equivalent disinfectant) before crossing into the entry/gowning room. Leave the cart in this area.
- 5) Place cages from the rack into a secondary container with lid (rat box). Secondary cages should be requested in advance by sending an e-mail to cmfinfo@luc.edu at least 2 days in advance.
- 6) Carry cages in the secondary containers (with the lid on) from the housing room to the cart in the entry/gowning room.
- 7) Cover cages and cart with appropriate drape. Spray the outside of the cover and cart wheels again (with 256 CPQ, or equivalent disinfectant) prior to leaving the entry/gowning room.
- 8) Follow the signs to the irradiator room (314A).
- 9) Outside the irradiator room spray drape again (in hallway).
- 10) Roll cart into the room (a small cart will fit); disinfect wheels while crossing the threshold.
- 11) Decontaminate the irradiator with appropriate disinfectant (provided in the room).
- 12) Transfer the mice to the special cage(s) that fits the irradiator. The cages are kept in Cancer Center room 325.
- 13) Handle mouse cages individually. Place cage and filter top in irradiator.

- 14) After irradiation, transfer the mice back to their home cage and secondary cage. Cover cages and cart with appropriate drape. Spray the outside of the cover and cart wheels again (with 256 CPQ, or equivalent disinfectant) prior to leaving the irradiator room.
- 15) When all work is completed in the irradiator room, disinfect with 256 CPQ (per irradiator training) any items or equipment exposed to the animal(s) or to soiled gloves. The special cages for the irradiator need to be autoclaved and returned to Cancer Center room 325.
- 16) Roll cart into hallway and relocate animals to Cancer Center housing room 310.
- 17) In the outer hallway adjacent to room 310 spray the wheels of the cart (with 256 CPQ, or equivalent disinfectant) before crossing into the gowning/entry room. Leave the cart in this area.
- 18) Observe all posted gowning procedures prior to entering housing room 310.
- 19) Remove cages, spray with disinfectant and place back in the same spot on the ventilated rack on which they were previously housed.
- 20) When all cages have been placed back on the rack put secondary containers on the dirty cage pallet in the procedure room.
- 21) Fully spray wheels and your cart surfaces (with 256 CPQ, or equivalent disinfectant) before leaving room 310.

APPROVALS

Responsible Official Signature		Date	11/31/2024
QA Signature		Date	02/07/2024
Version #1	Effective Date	Supersedes	Original Date