

# Langerhans Lab Protocols

## NC STATE UNIVERSITY

### Handling of Dead Fish at Yates Mill Facility

If a study fish is found dead, preserve it and return it to the lab for DRILL recording.

If you are going to DCL shortly after finding the fish:

1. Put it in a plastic bag and bring it to DCL.
2. Put it in a tube/vial with 70% ethanol. Determine its collection number, and get a DRILL ID number from the lab manager.

If you will not be returning to DCL shortly after finding the dead fish, you may store it in a plastic bag in the Rodent Quarantine/Isolation area, according to their procedures:

1. Put the fish in a plastic bag with a note as to when it died and which tank and collection it was from.
2. Get disposable shoe covers (blue) from the cabinet above the sink between rooms 116 & 117. Put on the shoe covers and go into room 128.
3. Inside 126, put on a disposable-but-reusable lab coat from the hanger inside the door.
4. Go into the first room on the left and put the fish in the chest freezer, with a note that says DO NOT DISPOSE OF. DO NOT go into the animal rooms.
5. You must follow their procedure when exiting the Isolation area:
  - a. hang the lab coat inside 128
  - b. open the door to the hallway
  - c. take off one shoe cover
  - d. throw it in the trash inside 128
  - e. set your foot down in the hallway
  - f. take the other shoe cover off
  - g. throw it in the trash inside 128
  - h. set your other foot down in the hallway
  - i. shut the door
  - j. **DO NOT WEAR ANY PERSONAL PROTECTIVE EQUIPMENT OUTSIDE OF THE ISOLATION FACILITY.**
6. Repeat the above procedures when retrieving the fish later, and bring the fish back to DCL and process for DRILL.

Plastic bags may be found in the drawer in our work area (128) or in the cupboards or drawers between 116 and 117.