

Safety Protocol

Laboratory Standard Operating Procedure for the Proposed Project (For the use of biohazardous materials or equipment only)

Name of Procedure:

Prepared By:

Revision Date:

Location:

All of the animal procedures are performed in the biological safety hood in Room 205A of the Animal Facility on the second floor of Stanley Manne Children's Research Institute. The adenoviral viral stocks containing the HIV-1 *vpr* and F341*vpr* genes are stored in Dr. ___ freezer or liquid nitrogen tank in the Freezer Farm on the second floor. The freezer/tank will be labeled.

Handling of animals and/or use of personal protection:

The following precautions will be taken when working with these adenoviral vectors: Biohazard signs will be posted on the cage cards of cages housing animals injected with the adenovirus. Cage bedding will be changed after 24 hours following injection; all animal care personnel and other persons handling these animals will utilize a clean, disposable gown, cap, shoe coverings, gloves and a surgical mask; all waste will be incinerated. At 21 days post-inoculation, depending on whether regression or continued growth occurs, specific animals will be sacrificed utilizing methods described in our original protocol.

Waste Disposal: This procedure will result in the following regulated waste, which must be disposed of in compliance with environmental regulations:

Sharps: Dispose of sharps such as needles, broken glass, scalpels in hard walled containers and labeled with "Broken Glasses or Sharps", which are available in Room 205A of the second floor Animal Facility.

Solids: Place solid waste such as laboratory coats in special biohazardous waste boxes available in Room 205A of the Animal Facility on the second floor or in 55-gallon fiber drums labeled as "infectious substance."

Liquids: If disinfected with bleach, blood and blood products can be poured down the drain. If the biohazardous liquid waste contains other chemicals besides bleach, manifest as chemical waste and call Greg Taborn (x 56511) for pick-up.

Autoclaved Waste: Place waste that will be autoclaved in clear autoclave bags that have an indicator badge that turns black once the waste is autoclaved. Do not put sharps or standing liquids in autoclave bags.

Accidental Spill:

In the event that the adenoviral stocks spills during this procedure, the following emergency procedure will be executed: If a small spill, alert people in the immediate area of the spill. Put on protective equipment. Cover the spill with paper towels or other absorbent materials. Carefully pour a freshly prepared 1 in 10 dilution of household bleach around the edges of the spill and then into the spill. Avoid splashing. Allow a 20-minute contact period. Use paper towels to wipe up the spill, working from the edges into the center. Clean the spill area with fresh towels soaked in disinfectant. Place towels in a sealed container and put an "infectious substance" marking on the container. Report the spill to the Laboratory Director. If a large spill, evacuate the lab and call Greg Taborn (x 56511) and Dr. Jose Hernandez (x 56343) for proper clean-up.