

## Safety Guideline for Stereotactic Injections\* of Viral Vectors Performed Outside of a Biosafety Cabinet

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*\*It is strongly recommended that syringes are loaded within containment equipment (e.g. BSC, fume hood).*

### A) Personal Protective Equipment

- Sterile gloves for surgery
- Disposable lab coat
- Shoe covers
- Surgical mask
- Eye protection
- Bouffant cap
- Plastic arm sleeves

### B) Caging

- In the housing room, transfer the animal into a clean static microisolator cage (SMI). Ensure the cage has filter top and water bottle before transporting to the dedicated procedure area.

### C) Door Signage

- Ensure a LAMS Husbandry Service Request for hazard usage is approved for the agent being used (must be within 1 year of approval date).
- LAMS will generate all biocontainment door signage with the submission of a Husbandry Service Request.
- It is the responsibility of the lab to post all biocontainment door signage at the entrance to the room whenever biohazardous agents are present and remove when the agents are not present.
- Access to the room is limited or restricted while biohazardous work is conducted.

### D) Decontamination and Disinfection of Surfaces (prior to and after procedure)

- Spray all surfaces and equipment (e.g. workbench, stereotactic frame) with Peroxigard or 10% bleach solution.
  - Peroxigard container is labeled with the expiration date of the disinfectant.
  - Bleach solution is prepared fresh each day.
- Allow 5-minute contact time before wiping off with water or alcohol.

### E) Biohazardous Waste Management

- Biohazard waste containers (red barrels) (NON-SHARPS)
  - Used for items such as PPE and gauze pads.
  - Must be kept closed when not in use.
  - Must contain a red biohazard bag.
  - Do not overfill the container (or exceed 50 lbs).
  - When full, seal the bag with tape and place the container in cold room (dock area) for waste pickup.
- Sharps (specially designed sharps container)
  - Used for items such as pipet tips and syringes with connected needles.
  - Do not recap needles.
  - Do not overfill container (no more than ¾ full).
  - When full, close and seal the top (secure with tape) and place in biohazard waste container for final disposal.

**Persons should wash their hands after handling hazardous materials, after removing gloves, and before leaving the area.**