UCSF Procedures for Using Infectious Agents in Rodents at ABSL2 Facilities

1. Read laboratory Biological Use Authorization (BUA) and Animal Involvement Form (AIF) prior to beginning work with Risk Group 2 (RG2) infectious agents (except Lentivirus and Adenovirus), primary human cells, or human tissue in animals to understand the potential biohazards, excretion routes and post-exposure procedures. Additional information is found in the SDSs for infectious substances which are available at http://www.phac-aspc.gc.ca/msds-ftss/index-eng.php.

2. Lab personnel must work with LARC supervisors to determine which ABSL2 animal housing and procedure rooms they will use prior to start of experiments. Post ABSL2 door sign on the applicable door for each approved animal room. A bio-safety consideration meeting may be held by EH&S, LARC, IACUC staff and the lab to discuss safety concerns.

3. Immediately prior to using RG2 infectious agent, primary human cells, or human tissue in rodents, lab personnel must place a biohazard label (see example below) on the animal cage card. Labels must remain on the cage card at all times. Enter name of the RG2 infectious agent and/or human source material and the date of administration on the label.

4. During the entire experimental period, animals must be housed in ABSL2 rooms only. Users must follow specific precautions outlined on the BUA and AIF, and wear PPE consisting of double gowns, double gloves, double head covers and double shoe covers.

5. LARC staff will provide husbandry care for the animals and cages in ABSL2 rooms. All animal bedding will be disposed of as biohazardous waste and autoclaved by Stericycle. Dumping of bedding must be performed in a biosafety cabinet or dump station. Empty dirty cages must be decontaminated by using 10% bleach and autoclaved prior to washing by the LARC staff.

6. Animal carcasses must be disposed as pathological waste and be incinerated by Stericycle.

7. If there is an accidental exposure to infectious agents or human source material, he/she must flush the exposed area with copious amounts of water for 15 minutes, and contact Occupational Health Service Exposure Hotline (415-353-7842) immediately afterwards.

8. If using infectious agents or human source material outside of a cage, place absorbent pad on work surface(s) prior to starting work. Dispose of pad as biohazardous waste. Used sharps must be placed in sharps container for disposal as biohazardous waste.

Biohazard label (ask LARC supervisor for labels)

Contact EH&S with questions about these procedures (Phone: 415-514-2824; Email: peili.zhu@ucsf.edu) Posting: August 2015