

<p style="text-align: center;">Oak Ridge National Laboratory Life Sciences Division Animal Resources Group Reference Manual</p>	<p style="text-align: center;">A-98-LSD-001</p>
	<p style="text-align: center;">Updated: July 2002</p>
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F. Animal Disease Control Procedures

Purpose:

These procedures were developed by the Laboratory Animal Resource Group as a reference for animal users within LSD. They consist of an outline of methods that control the spread of disease among animal colonies. These procedures are essential to ensure that disease is not introduced into pathogen-free colonies from conventional colonies, disease is contained among potentially infected (quarantined) animals, and spread of infectious agents is minimized among all animals.

Responsibility:

ALL personnel including Investigators and Investigative Staff, Animal Resources Staff, Maintenance Staff, any other personnel entering the animal facilities for any reason (no exceptions to the procedures are allowed).

Procedure/Discussion:

General Protection Procedures:

- C Enter only colonies and rooms for which you have specific reason(s). Minimize any non-essential entry into an area or animal room. Veterinary rounds and weekend animal checks are necessary exceptions. In these cases every effort to minimize cross contamination of rooms should be practiced, such as visiting clean areas before dirty areas, wearing disposable gloves when handling animals and changing gloves between rooms, using clean instruments in an animal room, and not transporting items between rooms.
- C General practices for worker protection and disease control should be practiced (no eating, drinking, smoking, or applying cosmetics except in designated areas, frequent hand washes, and general cleanliness of the area).
- C Tissue culture, tumors, embryos, sperm, blood or other body fluids are possible avenues for the introduction of disease. All cell lines being used in animals should be tested for the presence of viral and bacterial murine pathogens. The staff veterinarian can help make arrangements for testing of materials.
- C Caging used to transport animals to the laboratories for terminal procedures should be returned to the facility of origin in a timely manner. Remember that animals can not be housed for more than 12 hours outside the animal rooms except with prior approval of the ORNL-ACUC.
- C Pay attention to posted signs as they may contain critical information for disease control.

Protection of Specific Pathogen Free Animals.

- C **Always** work “clean” to “dirty” - pathogen free rodents should be worked with prior to conventional animals. NEVER return to a “clean” area after being in a “dirty” area.
- C Remember that pathogens can be transported on shoes, hands, clothing, hair, lab books, etc. For this reason shower daily, wear clean clothing into a pathogen free area, and have separate materials such as lab books and instruments for working with the “clean” animals.

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- C Follow universal rules for controlling the spread of disease (i.e., frequent hand washing, protective clothing, work clean to dirty etc.) .
- C Animals or materials of any type from Bldg. 9210 should not be transported for any purpose to other animal holding areas (4500S or 4501).

Containment of Infectious Disease

- C NEVER import and introduce animals into the colony without the knowledge of the veterinarian (see SOP Shipping and Receiving of Animals).