

UMKC Institutional Animal Care and Use Committee

Exclusion List

Being on the exclusion list means that when mice are acquired that they may not enter UMKC core animal facilities until they can be demonstrated to be free of these agents. The mice would be held in special areas, such as quarantine areas or in containment isolators, to be treated or rederived until free of these organisms. Similarly, if these agent were identified in mice resident in UMKC mouse facilities the mice carrying them would need to be isolated to be treated to remove the agents, or isolated for rederivation to produce progeny free of the agents, or they must be removed from the facility.

PARASITOLOGY

Ectoparasites

Endoparasites Nematodes and tapeworms

MICROBIOLOGY

Pasteurella pneumontropica

Corynebacterium kutscheri

Mycoplasma pumonis

Salmonella spp.

Citrobacter rodentium

SEROLOGY

MHV, MMV, MPB, Sendai

Mycoplasma pulmonis

TMEV, EDIM, PVM, Reo3,

LCM, Ectromelia, MAD1,

MAD2, Polyoma,

Encephalitozoon cuniculi,

CARB, Tyzzer's, MCMV

POLYMERASE CHAIN REACTION

Helicobacter Spp.

The UMKC animal facilities are operated as Helicobacter-free animal facilities. Helicobacter is on the institutional exclusion list therefore mice or rats that are known to be infected with this agent positive animals will be allowed to enter the facility, but they will be confined to the quarantine has the capacity to house one rack of mice, so the number of positive animals that are allowed to in the facility is quite limited. Breeding of animals will be allowed while mice are in the quarantine area; however the same space constraints will still apply.

Rodents within the quarantine area will enter under one of two mechanisms:

1. Rodents that will be used in a terminal experiment within 8 weeks of arrival. These will be allowed to enter the Volker facility but are only allowed to be transported to an investigators laboratory for terminal procedures. These animals will be euthanized at the end of the 8 week period by the LAC staff unless prior arrangements have been approved by the LAC managerial staff.
2. Rodents that will enter the general population as a long-term breeding colony.
 - a. These animals will be bred for rederivation
 - b. Limited animals will be available for investigator use until there is a sufficient population of breeder mice for the rederivation. This determination will be made by the LAC staff in charge of the breeding program.

Rederivation will occur by either surgical embryo transfer or by cross-fostering.

The expense incurred by the investigator will be i) paying the quarantine per diem rate for all cages present within the quarantine area, ii) paying technician time for services provided during the quarantine period, and iii) paying for the additional health monitoring charges incurred during the quarantine period. The LAC will cover the cost of maintaining a recipient colony within the facility.

Facility Access

There is limited access to the quarantine area. The LAC staff utilizes the area each day in order to accomplish the necessary tasks associated with the rederivation of the animals and normal husbandry of the quarantine animals. Investigators are asked to utilize the “sign-up” sheet located on the door to schedule time when they will be in the quarantine area.

1. Prior to access being granted to the quarantine facility, investigators and staff must be trained by the LAC staff.
2. Anyone entering the quarantine area must abide by the PPE requirement. All personnel must wear a gown, gloves, facemask, bonnet, and booties that are available within the facility.

The RADIL web page at <http://www.radil.missouri.edu/> has summaries of the nature of disease caused by most of these agents.