

<b>TITLE:</b>	<b>Approved Vendors and Excluded Rodent Pathogens</b>
<b>Policy Number:</b>	2018-058
<b>Responsible Department:</b>	Institutional Animal Care and Use Committee
<b>Policy Contact:</b> <b>Designation:</b> <b>E-Mail:</b>	Donald E. Walters, Ph.D. Chair, Institutional Animal Care and Use Committee <a href="mailto:dewalters@westernu.edu">dewalters@westernu.edu</a>
<b>Approval Date:</b>	5/9/18
<b>Reviewed Date:</b>	7/8/2020 (No changes); 9/9/2020
<b>Revised Date:</b>	9/9/2020 (Added approved vendors, revised purpose & updated pathogens)

**Purpose of Policy:** To list approved rodent vendors and the excluded pathogens from rodent facilities at Western University of Health Sciences (WesternU).

**Scope:** This applies to both non-approved commercial vendors and other organizations that may act as rodent suppliers, such as universities and private companies.

**Policy Information:** Unintentional infection of laboratory rodents can compromise scientific research as well as the health of the animals and animal handlers. This policy is intended for use by animal care and veterinary staff, facility managers and principal investigators and is approved by WesternU's Institutional Animal Care and Use Committee (IACUC). Any deviation from this policy must be reviewed and approved by the IACUC prior to its implementation.

WesternU strives to foster and maintain high standards of rodent health care for research investigators. The term "SPF" or "specific pathogen free" must be defined by what pathogens are excluded from the vivaria. The definition largely depends on the health status of the rodents available from commercial vendors. As new rodent pathogens continue to be discovered, commercial vendors eliminate additional agents and, therefore, the criteria at WesternU may be modified over time. With few exceptions, detection of agents listed in the sentinel monitoring description prohibits those animals from entering Western U vivaria.

## Policy:

### Excluded Pathogens:

<u>VIRUSES</u>	<u>MICE</u>
	Ectromelia (ECTRO)
	Epizootic Diarrhea of Infant Mice Virus (EDIM)
	Hanta virus (Hantaan)
	Lymphocytic choriomeningitis virus (LCMV)
	Minute Virus of Mice (MVM) (MMV)
	Mouse Adenovirus 1,2 (MAV 1 & 2, Mad)
	Mouse cytomegalovirus (MCMV)
	Mouse Hepatitis Virus (MHV)
	Mouse Parvovirus (MPV) (NS1)
	Pneumonia Virus of Mice (PVM)
	Polyoma virus (POLY)
	Reovirus 3 (REO)
	Sendai virus (Send)
	Theiller's Murine Encephalomyelitis Virus (GDVII) (TMEV)
	<b><u>BACTERIA and FUNGI</u></b>
	<i>Filobacterium rodentium</i> (CAR bacillus)
	<i>Citrobacter rodentium</i> (CITRO)
	<i>Clostridium piliforme</i> (CPIL)
	<i>Corynebacterium kutscheri</i> (CKUT)
	<i>E. cuniculi</i> (ECUN)
	<i>Mycoplasma pulmonis</i> (MPUL)
	<i>Salmonella</i> sp. (SALM)
	<i>Streptobacillus moniliformis</i> (SMONO)
	<b><u>PARASITES and PROTOZOA</u></b>
	Fur mites (Ecto for Ectoparasites)
	Pinworms (Asp for Aspicularis, Syph for Syphacia)

<u>VIRUSES</u>	<u>RAT</u>
	Coronavirus (SDAV/RCV)
	Hantaan (HANT)
	Kilham rat virus (KRV, RV)
	Lymphocytic Choriomeningitis (LCMV)
	Mouse adenovirus (MAV 1 & 2)
	Pneumonia virus of mice (PVM)
	Rat Minute virus (RMV)
	Rat parvovirus (RPV) (NS1)
	Reovirus type 3 (REO)
	Sendai virus (Send)
	Theilovirus, Theiller's Murine Encephalomyelitis Virus (GDVII) (TMEV) (RTV)
	Toolan's H-1 virus (Parvo, H-1)
	<b><u>BACTERIA AND FUNGI</u></b>
	<i>Filobacterium rodentium</i> (CAR bacillus)
	<i>Clostridium piliforme</i> (CPIL)
	<i>Corynebacterium kutscheri</i> (CKUT)
	<i>E. cuniculi</i> (ECUN)
	<i>Mycoplasma pulmonis</i> (MPUL)
	<i>Salmonella</i> sp. (SALM)
	<i>Streptobacillus moniliformis</i> (SMONO)
	<i>Streptococcus pneumonia</i> (SPNEU)
	<b><u>PARASITES AND PROTOZOA</u></b>
	Fur mites (Ecto for Ectoparasites)
	Pinworms (Asp for Aspicularis, Syph for Syphacia)

**Note:** Mouse Norovirus (MNV), *Helicobacter spp.*, *Klebsiella spp.* and *Pasteurella pneumotropica* are tested for in the sentinel monitoring program but are not currently listed as excluded agents. These organisms may be excluded on a case-by-case basis where they may pose undue interference with research or become symptomatic (e.g., in immunocompromised animals).

### Approved Vendors:

- Charles River
- The Jackson Laboratories (Vendor)
- Envigo
- Taconic Biosciences
- Mutant Mouse Resource & Research Center (MMRRC) Missouri

Note: Vendors not on the list will have to be approved by the Attending Veterinarian and animals may be subject to a quarantine period prior to bringing to a barrier facility. During the quarantine period, the investigator will not have access to the animals.