

# BIOSAFETY SCHEDULE E: USE OF ANIMALS

Please be aware that you will also require approval of the IACUC before initiation of these experiments.

1. Please indicate species of animals you propose to utilize in your research, the biological agent or rDNA you intend to introduce into these animals, and the locations where you propose to perform these experiments with whole animals or primary isolates of animal blood and/or tissues.

Species of Animal/Strain	Biological Agent/rDNA	Containment/BSL requirements			Building or Location(s) of Experiments (if known/assigned)
		housing prior to procedures	during procedures	housing post-procedures	

2. Please provide sufficient pertinent information to facilitate the risk assessment process by the IBC, including:
  - i. *The nature of the biological material to be introduced into the animals (cells, rDNA, genetically engineered cells, toxins of biological origin).*
  - ii. *Method of delivery and which animals will be used.*
  - iii. *Frequency of administration*
  - iv. *The anticipated effect of the introduction of the biological agent upon the animal (if known).*
  - v. *The expected persistence of the infectious material, cells, toxins and/or heterologous gene expression after administration (if known)*
  - vi. *At what point in your experiments will your biological agents be inactivated or lysed?*
  - vii. *How long after administration will your specimens be analyzed?*
  - viii. *What types of analyses will be performed? (e.g behavioral analyses, in vivo instrumentation, post-necropsy analyses of tissues?)*

3. Are you preparing to create a new strain of genetically engineered (transgenic or knock-out) animals? (Note: this would include breeding of one genetically engineered animal into a different genetic background or cross-breeding two strains of genetically engineered animals).  Yes  No

- (a) *If “yes”, please describe these.*  
Please list the genes that will be inserted or knocked out by stable introduction of rDNA into the germ-line (or provide a copy of the MCG ES/Tg core application if not already received by Biosafety Office), or research plans.

4. Will the delivery of any biological material or genetic modification cause the animal to potentially shed infectious material, toxins or potentially create a hazard to animal handlers, research staff or other animals in the facility? Yes No  
*If “yes”, describe any procedures that researchers or animal care givers may perform which would be associated with an increased potential risk of exposure. (e.g. increased risk of exposure may be associated with generation of splashes, sprays or aerosols from animal cage changing, intranasal inoculation, injection, the use of sharps or glass materials, or necropsies):*

5. Will your experiments require researchers or animal care givers to observe any special safety precautions (beyond those required by LAS SOPs) in order to prevent potential exposures to hazards associated with your research? Yes No  
*If “yes”, please describe these:*

6. Will you be returning animals to LAS facilities after introduction of biological material? Yes No  
*If “yes”, indicate location (building/rooms #) or the animals will be housed after return.*

7. Do you intend to perform any safety tests or pathogen screening prior to introduction of biological agents into animals (eg. viral assays of cells or helper viral assays or MAP testing) or monitoring for agents after introduction of the agents into animals ? Yes No  
*If “yes”, please describe*