# AppC-Inst.doc *Last updated 2/16/2023*



### Institutional Animal Care and Use Committee

### Mouse: Housing and Husbandry

|  |
| --- |
| **Section 1: General Information** |

**Protocol Information**

|  |  |
| --- | --- |
| Protocol Title: |  |
| IACUC Protocol Number: |  |

**Directions:**

* Important: Save this form to your computer’s hard drive before completing it, or your responses may not be captured!
* This form must be completed and submitted (as a Word document) electronically. Retain a copy of your completed form for your records.
* Please respond to all applicable questions. Type responses in the designated shaded boxes or check the designated check boxes.
* For questions, contact the Animal Care and Use Program Office at IACUC@vt.edu or (540) 231-0931.

|  |
| --- |
| **Section 2: Housing/Experiment Location** |

1. Please indicate where your animals will be housed.

|  |  |
| --- | --- |
| Facility Name: |  |
| Building Name/Number: |  |
| Room Number: |  |

1. Please indicate where experimental procedures with your animals will take place.

|  |  |
| --- | --- |
| Facility Name: |  |
| Building Name/Number: |  |
| Room Number: |  |

1. Please indicate if any animals involved in this study will reside in non-Virginia Tech facilities for more than 12 hours.

|  |  |
| --- | --- |
|  | Animals will not reside in non-Virginia Tech facilities for more than 12 hours. *Go to section 3.* |
|  | Animals will reside in non-Virginia Tech facilities for more than 12 hours. *Go to question 3.* |

1. Please provide information about the non-Virginia Tech facilities where the animals will reside.

|  |  |
| --- | --- |
| University or Institution: |  |
| Location (City and State): |  |
| Facility Name: |  |
| Building Name/Number: |  |
| Room Number: |  |

1. **Important Notes:**
   1. Studies in which animals are housed or held in non-Virginia Tech facilities for more than 12 hours must comply with the Virginia Tech [*Policy on the Review of Research Projects Where Animals are Housed and Used in Offsite Non-Virginia Tech Facilities*](https://internal.research.vt.edu/system/files/policy-offsite_facilities.pdf)*.* This policy is available on the [IACUC Polices website](https://internal.research.vt.edu/iacuc/policies) under “Animal Facilities and Housing”.
   2. All Virginia Tech animal housing and procedure areas must be approved by the IACUC prior to use. Please see the Virginia Tech [*Policy on Approving Animal Housing and Procedure Areas*](https://internal.research.vt.edu/system/files/Policy%20-%20Approving%20Animal%20Housing%20and%20Procedure%20Areas.pdf) for information on the approval process for new housing and procedure areas. This policy is available on the [IACUC Policies website](https://internal.research.vt.edu/iacuc/policies) under “Animal Facilities and Housing”.

|  |
| --- |
| **Section 3: Mice** |

1. Animal Requirements

|  |  |
| --- | --- |
| Species or Strain: |  |
| Age: |  |
| Gender: |  |
| Weight Requirement (if any): |  |
| Total Number of Animals: |  |
| Average Daily Census: |  |
| Source of Animals (i.e. vendor): | Any VT IACUC approved protocol |
|  | Any ARCD approved vendor |
|  | Other: |

1. Housing Requirements

|  |  |  |
| --- | --- | --- |
|  | Single Housed |  |
|  | Total Number Requiring Single Housing: |  |
|  | Group Housed |  |
|  | Number of Animals per Cage: |  |

1. If you are breeding animals, respond to the following questions.
   1. What type of mating pattern will you use?

Trio Mating  Monogamous Pair Mating  Harem Breeding (must provide justification in Section 13 of the research application document or Section 9 of the breeding application document)

* 1. When the female is pregnant, is the male to be removed from the cage?

Yes  No

* 1. To prevent overcrowding, animals should be weaned and transferred to new cages. Who will be responsible for transferring the weaned animals?

Animal Facility Staff  Research Staff

* 1. What will be the age of weaning?  
      21-28 days of age  Other (with justification):
  2. If weaning is delayed, provide justification for delaying weaning.

1. Feeding

|  |  |  |  |
| --- | --- | --- | --- |
|  | Ad Libitum Feeding |  | |
|  | Restricted Intake (Describe): |  | |
|  | Standard Rodent Chow | |  |
|  | Breeder Chow (Specify): | |  |
|  | Special Diet Formulation (Describe): | |  |

1. Light Cycle

|  |  |  |
| --- | --- | --- |
|  | Standard 12 Hours On and 12 Hours Off |  |
|  | Standard 14 Hours On and 10 Hours Off |  |
|  | Reverse Light Cycle |  |
|  | Nonstandard (Describe): |  |

1. Disposal of Animal Waste and Carcasses
2. If an animal is found dead in its cage, what should the technician do?

Dispose of the carcass and then notify the PI

Refrigerate the carcass and then contact the PI to obtain additional instructions

1. Please describe any special requirements for disposal of animal wastes or carcasses.

RMW disposal via VT EHS due to transgenic mouse strain  
 Other:

1. Please describe any special strain-related issues that animal technicians should be aware of when working with your animals.

1. Please describe any special precautions that animal technicians should follow when working with your animals (e.g., use of PPEs).

1. What technical assistance will be required from animal care staff beyond standard husbandry (e.g., blood collection, euthanasia)?