**Step 1: Add Jake Deschepper (JDD106) to your IACUC protocol**

**Step 2: Make the following mods to your protocol**

**Housing Facilities**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.0** | **\* Enter the name of the HOUSING FACILITIES (DLAR or CLC) where animals will be housed.**  **Please do not enter outside housing and use locations on this page. These locations will be addressed on a subsequent page.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [View](https://www.aro.pitt.edu/aro/sd/ResourceAdministration/Project/PrintSmartForms?Project=com.webridge.entity.Entity%5BOID%5B29D58CE75D169F4AAA37D834F3FC88BB%5D%5D&rootEntity=com.webridge.entity.Entity%5BOID%5B29D58CE75D169F4AAA37D834F3FC88BB%5D%5D&PrintBySection=True&PrintHeaderView=False&PrintHeaderInfo=True&PrintPageBreak=True&PrintLogo=True&showHiddenData=False&showCDTFormsAtEnd=True) | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **Location** | Biomedical Science Tower 3 (BST3) | | **Species** | Mouse | | **Duration** | maximum 365 days | | **Maximum Animals** | 690 | | **ID Method** | ear clip | | **Surgery?** | No | | **USDA Species Surgery Location** | *No Value Entered* | | | | |

**Housing - Rodent Caging Requirements**

**Select ‘Other Caging’**

**1.2 The option 'Other Caging' was selected, describe your caging requirements.**  
All mice in the facility will be housed in large germ-free/gnotobiotic isolators. Please see www.cbclean.com. These isolators are made of clear polyurethane and kept under positive pressure by an associated blower and manifold system. Within the isolators, mice are kept in simple plastic cages bottoms with wire tops. We have three isolator sizes that can hold different numbers of cages (5, 15, or 30).  
  
Some mice will also be transferred to static caging kept on a metro rack within the room. These mice will be changed weekly. these individually-vented static cages will be filtered and taped to prevent transfer of microbes.

**Housing - Special Caging/Husbandry Requirements**

**Select ‘Special diet requirements’**

**Select ‘Other caging or special husbandry requirements (that do not deviate from The Guide or the AWA)’**

**1.7 What special diet requirements are necessary as part of the proposed animal use? If proposing a special feed, please include the vendor of the feed and where the special feed will be stored.**

**Standard animal chow will be autoclaved before use.**

Standard water will be autoclaved before being placed in autoclaved bottles.

**1.8 Why are these special diet requirements necessary?**

To maintain germ-free/gnotobiotic status

**1.9 What caging or special husbandry requirements that do not deviate from The Guide or the AWA are necessary as part of the proposed animal use?**

Mice will be housed continuously in positive pressure polyurethane gnotobiotic bubbles. These bubbles are quite large and we have three sizes that can hold different numbers of cages (5, 15, or 30). Within the bubbles mice are housed in standard static caging.

**1.10 Why are these caging or special husbandry requirements that do not deviate from The Guide or the AWA necessary?**

The purpose of the facility is to maintain gnotobiotic mice for the use of the University of Pittsburgh community.

**Step 3: may have to add mice transferred from our approved protocol - 18093334**

**Step 4: Please ensure that you protocol allows C02 euthanasia – ‘use rooms’ 6020, 6023, 6026, 6027 (BST3). If CO2 euthanasia is not appropriate for your project please contact Tim Hand and Jake Deschepper.**

**May be necessary to add germ-free mice to your strains list if you are using such a list**

**\*\*\*If you want to do anything that would require mice to be anesthetized, please ensure that you have an injectable anesthetic drug (Ketamine/Xylazine etc.) on your protocol and can provide it for your experiments. WE CANNOT USE ISOFLURANE or ANY OTHER inhaled drug in the isolators because the air does not turn over fast enough.**

**If you are going to breed in the facility please contact Tim Hand (**[**timothy.hand@chp.edu**](mailto:timothy.hand@chp.edu)**) or Jake DeSchepper (**[**jacob.deschepper@pitt.edu**](mailto:jacob.deschepper@pitt.edu)**)**