Section P

# Exemption From Animal Welfare Standards (Amendment)

This application is used to request an exemption from animal welfare standards.

This section should be used to request exemptions from IACUC Policy or the NRC Guide for the Care and Use of Laboratory Animals (‘The Guide’) for scientific reasons. Specify the exemption(s) that are requested and complete the related item(s) as indicated.

Exemption from Standard Housing Density [Complete [item 2](#_2.__Exemption)]

Exemption from Cage Change Frequency [Complete [item 3](#_3.__Exemption)]

Exemption from Standard Water Change Frequency (Aquatics) [Complete [item 4](#_4.__Exemption)]

Exemption to Allow Radios / Sound / Noise in Animal Areas [Complete [item 5](#_5.__Exemption)]

Exemption from Standard Environmental Conditions (temperature, humidity, light level)

[Complete [item 6](#_6.__Exemption)]

Exemption from Environmental Enrichment (bedding, toys, treats, activities) [Complete [item 7](#_7.__Exemption)]

Exemption from Social Housing (pair or group housing) [Complete [item 8](#_8.__Exemption)]

Exemption from Free Choice Feed or Water [Complete [item 9](#_9.__Exemption)]

Other Exemption Requests: [Complete [item 10](#_10.__Other)]

## 1. Principal Investigator Information

Principal Investigator: Click here to enter text.

DU ID#:

Position/Title: Click here to enter text.

Department/College: Click here to enter text.

Office/Cell Phone #:

Email Address: Click here to enter text.

Current Protocol Registry: Click here to enter text.

Protocol Title: (for this proposal) Click here to enter text.

## 2. Exemption from Standard Housing Density

2.1. Specify the maximum housing density for animals in this study and describe the management plan that will be used to avoid exceeding that maximum. Include any plan to return animals to standard housing density when specified conditions are met:

Click here to enter text.

2.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

2.3. Justification for housing these animals at a density that exceeds established guidelines (see the NRC "Guide" and/or the IACUC Policies and Procedure Manual for housing guidelines):

Click here to enter text.

## 3. Exemption from Cage Changing Frequency

3.1. Specify the maximum time between cage bedding changes (clean for dirty):

Click here to enter text.

3.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

3.3. Justification for extending the cage changing frequency beyond established guidelines (see the NRC ‘Guide’ and/or the IACUC Policies and Procedure Manual for cage changing guidelines):

Click here to enter text.

## 4. Exemption from Standard Water Change Frequency (Aquatics)

4.1. Specify the maximum time between changes of water for these aquatic species:

Click here to enter text.

4.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

4.3. Justification for extending the water change frequency beyond that of established guidelines:

Click here to enter text.

## 5. Exemption to Allow Radios/Sound/Noise in Animal Areas

5.1. Specify the type of sound to which animals will be exposed (e.g., radio, controlled sounds, random noise, etc.) and describe its nature (e.g., soft music, bell, buzzer, etc.). Indicate the volume or decibel setting, the duration of each exposure, and the frequency of animal exposure.

Click here to enter text.

5.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

5.3. Justification for exposing animals to radio or other generated sound or noise. If the sound is a component of the experimental design or the plan for environmental enrichment, please describe its purpose.

Click here to enter text.

## 6. Exemption from Standard Environmental Conditions

6.1. Describe the environmental condition(s) for which you request an exemption. Be specific.

Click here to enter text.

6.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

## 7. Exemption from Environmental Enrichment (other than social housing)

7.1. Specify the specific environmental enrichment(s) for which you request an exemption:

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

7.2. Indicate the duration of the exemption that is required for each animal and/or study group and explain the reason that particular time period is necessary. NOTE: Durations that exceed one year require annual review and re-approval.

Click here to enter text.

7.3. Please describe the experimental or other scientific reasons why animals on this protocol should be exempted from standard species-specific environmental enrichment:

Click here to enter text.

## 8. Exemption from Social Housing

8.1. Specify the specific housing arrangement that is requested under this exemption (e.g., single housing; restrictive housing, isolated housing, etc.) Be specific.

Click here to enter text.

8.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

8.3. Please describe the experimental or other scientific reasons why animals on this protocol should be exempted from standard species-specific social housing and specify the length of time that the exemption must apply:

Click here to enter text.

8.4. Will single housing (if single housing is being used) be for the shortest period possible? Please indicate yes or no, include the anticipated maximum period for single housing, and the animals or study group to which single housing applies.

Click here to enter text.

## 9. Exemption from Free Choice Feed or Water

9.1. Check the specific exemption(s) identified below (See IACUC Policy on Provision of Feed & Water for category descriptions). Per the policy, restrictions as a management or clinical activity (e.g. NPO prior to surgery; treatment of disease) do not constitute an exemption to free choice feed or water and does not require approval of the IACUC.

Restrict water intake

Restrict feed intake

Deprived water intake

Deprived feed intake

For the style of exemption noted above, describe the minimum quantity of feed or water which will be provided and the frequency or schedule of provision.

**EXAMPLE:** Water: 'x' mls/kg/day/animal. Feed: maintain animals at 'x' % of the free feed body weight.

**NOTE:** Upload a copy of the 'water log' or 'weight/feed log' which will be used as an attachment.

9.2. For the style of the exemption noted above, describe the impact of the proposed procedures upon the animals' well-being.

Click here to enter text.

9.3. For the style of the exemption noted above, provide a clear scientific justification as it relates to the desired research outcomes.

Click here to enter text.

For the style of the exemption noted above, provide a monitoring plan for physiologic or behavioral parameters (while animals are in a reduced intake status).

**EXAMPLE:** weight, measures of hydration status or behavior, etc.

Click here to enter text.

For the style of the exemption noted above, describe which specific criteria will be used to determine when to remove an animal from study (humane endpoints) and criteria which will result in a veterinary consult.

**EXAMPLE:** level of weight loss, hydration state, urine specific gravity, hematocrit, behavior change, etc.

Click here to enter text.

### For Depravation Studies Only:

Describe the 'post-deprivation recovery plan' which will be used to return the animal to a state of normal hydration, body condition, etc. Include quantities, frequency, measures to assess progress, and veterinary involvement.

Click here to enter text.

I shall notify the attending veterinarian PRIOR TO initiating deprivation:

Yes  No

I shall notify the attending veterinarian PRIOR TO removing deprivation:

Yes  No

## 10. Other Exemptions

10.1. Please describe the experimental or other scientific reasons why animals on this protocol should have this exemption:

Click here to enter text.

10.2. For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Click here to enter text.

10.3. Please describe the specific exemption that you request under the "other" category. Be specific.

Click here to enter text.