

## SECTION Q

### EXEMPTION FROM ANIMAL WELFARE STANDARDS (NEW PROTOCOL)

Section V should be used to request exemptions from IACUC Policy or the NRC Guide for the Care and Use of Laboratory Animals ("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 [Section 1](#)]
- Exemption from Cage Change Frequency [Complete [Section 2](#)]
- Exemption from Standard Water Change Frequency (Aquatics) [Complete [Section 3](#)]
- Exemption to Allow Radios / Sound / Noise in Animal Areas [Complete [Section 4](#)]
- Exemption from Standard Environmental Conditions (temperature, humidity, light level) [Complete [Section 5](#)]
- Exemption from Environmental Enrichment (bedding, toys, treats, activities) [Complete [Section 6](#)]
- Exemption from Social Housing (pair or group housing) [Complete [Section 7](#)]
- Exemption from Free Choice Feed or Water [Complete [Section 8](#)]
- Other Exemption Requests: [Complete [Section 9](#)]

#### 1: EXEMPTION FROM STANDARD HOUSING DENSITY

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1.1. Specify the maximum housing density for animal 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:

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

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

#### 2. EXEMPTION FOR CAGE CHANGING FREQUENCY

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

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

2.3. Justification for extending the cage changing frequency beyond established guidelines (see the NCR “Guide” and/or the IACUC Policies and Procedures for cage changing guidelines):

### 3. EXEMPTION FROM STANDARD WATER CHANGE FREQUENCY (AQUATICS)

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

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

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

### 4. EXEMPTION TO ALLOW RADIOS/SOUND/NOISE IN ANIMAL AREAS

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4.1. 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.

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

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4.3. 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.

## 5. EXEMPTION FROM STANDARD ENVIRONMENTAL CONDITIONS

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

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

## 6. EXEMPTION FROM ENVIRONMENTAL ENRICHMENT (OTHER THAN SOCIAL HOUSING).

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

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

6.3. 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.

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

## 7. EXEMPTION FROM SOCIAL HOUSING

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

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

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

7.4. 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.

## 8. EXEMPTION FROM FREE CHOICE FEED OR WATER

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8.1. 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.

- Restricted water intake
- Restricted feed intake
- Deprived water intake
- Deprived feed intake

8.2. 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 as part of the IACUC application in IRBNet.

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

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

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

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

8.6. 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.

8.7. **FOR DEPRIVATION STUDIES ONLY:** Describe the 'post-deprivation recover plan' which will be used to return the animal to a state of normal hydration, body condition, etc. Include quantities, frequency, measure to assess progress, and veterinary involvement.

8.8. Choose the response that best applies to the following statement:

I shall notify the attending veterinarian PRIOR TO initiating deprivation:

Yes  No

I shall notify the attending veterinarian PRIOR TO removing deprivation:

Yes  No

## 9. OTHER EXEMPTIONS

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

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

9.3. Please describe the specific exemption that you request under the “other” category. Be specific.