**IACUC PROTOCOL REVIEW CHECKLIST**

This checklist is designed to assist IACUC reviewers in conducting reviews. Completion of the checklist is not required. The completed checklist can be attached to the DMR review page in IRBManager if desired.

*Note: Some of these items refer to conditioned questions on our submission form that only appear if a previous question was answered with a certain response. So if the xForm question number referenced below does not appear on the form being reviewed, it means the requirement likely does not apply (or, less likely, that the PI answered questions incorrectly on the form).*

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| --- | --- | --- | --- |
| Question in xForm | Requirement | Meets requirement | Comments |
| 3a | Rationale and purpose for the proposed use of animals is given. | \_\_Y \_\_N \_\_N/A |  |
| 3a | Complete description of the proposed use of the animals | \_\_Y \_\_N \_\_N/A |  |
| 3a, 3b, 4b | Description of procedures, including an assurance that discomfort and pain to animals will be limited to that which is unavoidable for the conduct of scientifically valuable research | \_\_Y \_\_N \_\_N/A |  |
| 4a | Identification of species and number of animals to be used | \_\_Y \_\_N \_\_N/A |  |
| 4b | Consideration of alternatives to procedures that may cause more than momentary or slight pain or distress, and a description of methods and sources used to determine that alternatives were not available | \_\_Y \_\_N \_\_N/A |  |
| 4b, 6b | Procedures that may cause more than momentary or slight pain or distress to the animals will involve consultation with a veterinarian | \_\_Y \_\_N \_\_N/A |  |
| 4b, 7a, 9a(i) | Procedures that may cause more than momentary or slight pain or distress to the animals will not include the use of paralytics (i.e., muscle relaxants) without anesthesia | \_\_Y \_\_N \_\_N/A |  |
| 4b, 7a | Procedures that may cause more than momentary or slight pain or distress to the animals will be performed with appropriate sedatives, analgesics, or anesthetics, unless withholding such agents is justified for scientific reasons and will continue for only the necessary period of time | \_\_Y \_\_N \_\_N/A |  |
| 4b, 10a  | Animals that would otherwise experience severe or chronic pain or distress that cannot be relieved will be painlessly euthanized at the appropriate time point during the procedure | \_\_Y \_\_N \_\_N/A |  |
| 5a | Justification of proposed species for use, ensuring that selected species is the least sentient that can be used to achieve the research objectives | \_\_Y \_\_N \_\_N/A |  |
| 5b | Justification of group sizes and number of animals to be used | \_\_Y \_\_N \_\_N/A |  |
| 5c | Harm/benefit analysis has been adequately conducted | \_\_Y \_\_N \_\_N/A |  |
| 6a | Adequacy of the occupational health and safety program for the personnel’s working environment has been assessed [applies only to protocols involving field work and/or animal husbandry outside of GVSU] | \_\_Y \_\_N \_\_N/A |  |
| 6a | Living conditions are appropriate for the selected species and contribute to their health, well-being, and comfort.  | \_\_Y \_\_N \_\_N/A |  |
| 6a, 11a | Housing, feeding, and nonmedical care of the animals will be directed by the attending veterinarian or other scientist trained and experienced in the proper care, handling, and use of selected species  | \_\_Y \_\_N \_\_N/A |  |
| 6b | Medical care for animals will be available and provided as necessary by a qualified veterinarian. | \_\_Y \_\_N \_\_N/A |  |
| 9a | All survival surgery will be performed using aseptic procedures, unless appropriate justification is given | \_\_Y \_\_N \_\_N/A |  |
| 9a | Major operative procedures on non-rodents will be conducted only in facilities intended for that purpose which shall be operated and maintained under aseptic conditions. Non-major operative procedures and all surgery on rodents do not require a dedicated facility, but must be performed using aseptic procedures. | \_\_Y \_\_N \_\_N/A |  |
| 9a(ii) | Animals will not be used in more than one major operative procedures from which it is allowed to recover, unless:1. Justified for scientific reasons or
2. Required as routine veterinary procedure or to protect the health or well-being of the animal as determined by the attending veterinarian
 | \_\_Y \_\_N \_\_N/A |  |
| 9b | Activities that involve surgery include appropriate provision for post-operative care in accordance with established veterinary medical and nursing practices.  | \_\_Y \_\_N \_\_N/A |  |
| 10a | Description of euthanasia method is complete and acceptable per AVMA guidelines, unless a deviation is justified for scientific reasons | \_\_Y \_\_N \_\_N/A |  |
| 11a | Personnel are/will be appropriately qualified and trained to conduct procedures | \_\_Y \_\_N \_\_N/A |  |

**Guidance:**

 [AVMA Guidelines on Euthanasia (2020)](https://www.avma.org/sites/default/files/2020-01/2020-Euthanasia-Final-1-17-20.pdf)

 [PHS Policy on Humane Care and Use of Laboratory Animals (2015)](https://olaw.nih.gov/policies-laws/phs-policy.htm)

 [The Guide for the Care and Use of Laboratory Animals (2011)](https://grants.nih.gov/grants/olaw/guide-for-the-care-and-use-of-laboratory-animals.pdf)

 [US Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing,](https://olaw.nih.gov/policies-laws/gov-principles.htm)

[Research, and Training (1985)](https://olaw.nih.gov/policies-laws/gov-principles.htm)