

Institutional Animal Care and Use Committee Protocol Renewal Form - Page 2 - This form must be accompanied by a Institutional Animal Care & Use Committee Renewal Reminder and Submission Form. This form may not be used to submit new projects, or to submit protocol amendments. This form must be completed by typing on the form itself, or on computer; either by duplicating the form in your own word-processor, or by obtaining the form in electronic format from IACUC Office. Please use the website, <http://www.med.nyu.edu/dlar/iacuc/renewal.html>

1. Principal Investigator's Name, Department, Interoffice Mail Address, and Telephone Extension

2. Protocol Number (from the IACUC Renewal Reminder and Submission Form)

3. Protocol Title (from the IACUC Renewal Reminder and Submission Form)

4. ALTERNATIVES TO ANIMAL USE: Alternatives to the use of animals should be considered and used whenever possible. Since the last IACUC approval of this project, have alternatives to the use of animals become available that could be substituted to achieve the aims of the project? If yes, indicate how these alternatives will be used. If no, so state.

5. ALTERNATIVES TO POTENTIALLY PAINFUL PROCEDURES: Do any of the proposed procedures involving animals require that the animals endure more than minimal or slight pain or distress? Respond YES or NO. Note that relief of pain by anesthesia does not mean that pain is not involved, and if the use of an anesthetic will be employed, the correct response is YES. The correct response is YES for projects involving surgery, and/or restraint. For sacrifice for tissue harvest, and routine injections, the correct response is NO. If YES, indicate the sources searched to determine that there are no alternatives to each of the specific proposed procedures that may cause more than minimal pain or distress, state the date this search was performed, the period (years) covered by the search, and indicate the KEYWORDS used to perform this search.

6. DUPLICATION: Activities involving animals must not unnecessarily duplicate previous experiments. Provide written assurance that the activities of this project remain in compliance with the requirement that there must be no unnecessary duplication. State: 1) This research has not been conducted before; or 2) Previously performed experiments were inconclusive; or 3) Although similar to previous experiments, these experiments extend our knowledge; or 4) None of the above (requires that a specific justification be provided).

7. HAZARDOUS MATERIALS: Does this protocol involve the use of Hazardous Materials? Respond YES or NO. If yes, attach section VII of the original protocol form and confirm that all procedures are being followed. Your signature on the renewal letter will serve as confirmation.

8. PROGRESS REPORT: Provide information on the progress made during this approval period towards fulfilling the specific aims of the protocol, specifically pertaining to the animal subjects, as described in the DLAR FORM #1 originally submitted to the IACUC.

9. PROBLEMS/ADVERSE EVENTS: Describe any unanticipated problems or adverse events, morbidity or mortality, the cause(s) if known, and how these problems were resolved. If none, so state.

10. FUTURE PLANS/ONGOING RESEARCH: Describe any changes in the protocol, and update your plan for the current year. Acceptable changes include: modification of the anesthetics, analgesics, or antibiotics to be used; changes in the method of euthanasia. Be advised that extensive modifications to the protocol, including the addition of a new species, require the submission of IACUC Protocol FORM.