**IACUC Protocol Review Checklist**

The animal use protocol is a detailed description of the proposed use of animals. The following topics should be considered in the preparation of the protocol by the researcher and its review by the IACUC:

[ ] A clear and concise sequential description of the procedures involving the use of animals that

 is easily understood by all members of the committee.

[ ] Availability or appropriateness of the use of less invasive procedures, other species, isolated

 organ preparation, cell or tissue culture, or computer simulation

[ ] Justification of the species and number of animals proposed; whenever possible, the number

 of animals and experimental group sizes should be statistically justified (e.g., provision of a

 power analysis)

[ ] Unnecessary duplication of experiments

[ ] Nonstandard housing and husbandry requirements

[ ] Impact of the proposed procedures on the animal’s well-being

[ ] Appropriate sedation, analgesia, and anesthesia (indices of pain or invasiveness might aid in

 the preparation and review of protocols)

[ ] Conduct of surgical procedures, including multiple operative procedures

[ ] Postprocedural care and observation (e.g., inclusion of post-treatment or postsurgical animal

 assessment forms)

[ ] Description and rationale for anticipated or selected endpoints

[ ] Criteria and process for timely intervention, removal of animals from a study, or euthanasia if

 painful or stressful outcomes are anticipated

[ ] Method of euthanasia or disposition of animals, including planning for care of long-lived

 species after study completion; return to colony, return to wild, sold or adoption

[ ] Adequacy of training and experience of personnel in the procedures used, and roles and

 responsibilities of the personnel involved

[ ] Use of hazardous materials and provision of a safe working environment