Title of Project:

1. Goals and Significance
   In straight-forward, nonmedical, nontechnical language that would be understandable to a layperson (aim for a high school senior reading level), outline the specific scientific goal(s) and significance of this research. Why is this work important for the advancement of knowledge, improving human or animal health, or for the good of society? Justify why you chose this species for your work and how you determined the number of animals to be used (including controls) in this study.

2. Experimental Protocol
   In this section describe your experimental protocols, outside of normal husbandry, to be performed on the animals. This response should provide the committee with a clear understanding of what specifically happens sequentially to each animal or group of animals and over what time period. It is not necessary to repeat the surgical description that is provided in the Surgery Addendum, but the timing of the surgery within the experiment should be indicated. Be sure to include: all drugs given, including dosage range, routes and frequency of administration; nutritional intervention; social or environmental manipulation; method and amount of biological samples taken; methods of antibody production; use of radioactive materials, blood or other fluid sampling including method and amount, etc. Specify the expected sequence, frequency and duration of these procedures.

3. Do any animals undergo any type of restraint beyond normal housing methods?

   Is YES, indicate method, length of restraint, and justification for such restraint. If the design of

the study requires continuous restraint for longer than 12 hours without the opportunity for exercise, be sure the justification addresses need for such an extended period and include the maximum length of time the animals will be restrained.

4. Are any animals subjected to fluid or food restriction?

   If YES, discuss level of restriction, expected consequences, and justification for such restrictions