

INSTITUTIONAL ANIMAL CARE AND USE PROTOCOL APPLICATION**APPENDIX #5 – Antibody Production in Live Animals**

Use this appendix to list all carcinogens, teratogens, mutagens, toxic chemicals, volatile substances, infectious agents, viral vectors, etc. that will be given to animals in the proposed study. Duplicate this appendix for each individual hazardous agent to be used in live animals.

Duplicate this appendix for each antibody production procedure.

OVERVIEW

1. Title of Protocol:
2. Principal Investigator (PI):
Telephone:
Email:
3. Veterinarian:
Telephone:
Email:

PROCEDURE DETAILS

4. What species will be used for antibody production?

5. Number of antibodies to be produced:

6. Number of animals requested per antibody:

7. Who will monitor the animals?

8. How often will the animals be monitored?

9. Will the animals undergo paracentesis more than one time to obtain ascites fluid?
No
Yes: If YES, provide a justification why.

10. Justify the use of in vivo production of antibodies. Include reasons why it is not possible use in vitro or alternative methods to achieve experimental goals.
- a. What types of antibodies will be produced?
 - Monoclonal
 - Polyclonal
 - b. Will the procedure require the use of complete Freund's adjuvant?
 - No
 - Yes: If YES, complete a Search for Alternatives in the main body of the animal use protocol as the injection of CFA has the potential to cause a painful inflammatory response in animals. Also complete the Hazardous Agent Appendix #3.
 - c. How will antibodies be produced?
 - Pristane
 - Incomplete Freund's
 - Other adjuvant (e.g., RIBI, alum):
 - Hybridoma
 - Ascites
 - Blood Collection
 - d. Please provide a brief narrative describing how you will produce antibodies. (Be sure to include frequency/dose/route of immunization, frequency of blood collection and/or ascites fluid collection, etc.)

ATTACH THIS DOCUMENT TO YOUR IACUC PROPOSAL