



**Institutional Animal Care and Use Committee
Beni-Sue University (BSU-IACUC)**



IACUC protocol review checklist

Protocol Number	
Protocol title	
Principle investigator	
Protocol category	
Type of submission	
Has this protocol been peer reviewed by specialized scientific committee	<input type="checkbox"/> No <input type="checkbox"/> Yes

Based on your review of the above referenced protocol, complete the following sections as they relate to the corresponding sections of the protocol

<u>Project title</u>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the title descriptive and clear?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is it informative and includes all details needed?
Comments			
<u>Literature Search for Duplication</u>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have at least two independent data bases been searched?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have the date of search been provided and are they reasonable?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the key words used for the database search adequate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will this study unnecessarily duplicate any previous work?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the justification for proceeding with the proposed studies adequate?

Comments			
Objectives, hypothesis and outcomes for layperson			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the study objectives written in lay language understandable?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the hypothesis of the study clear?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the outcomes and significance of the study clear?
Comments			
Background			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is adequate background with recent references was added?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the background indicating the importance of the proposed study?
Comments			
Summary or Synopsis			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the common name and scientific name of the animal (s) used in the study included?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the total number, source and housing area for the animal (s) used in the study included?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the proposed procedures on animals mentioned by the author?
Comments			
Justification of animal use and 3Rs			
ANIMALS REQUESTED			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is information about requested animals mentioned by the author?
Comments			
Replacement			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the author providing clear reasons why techniques which do not use animals have been rejected?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the justification for the choice of animal species adequate?
Comments			
Reduction			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the justification for the choice of animal number adequate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the experimental design clear and adequately described?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the author determined the sample size? If Yes, is sufficient justification provided?
Comments			
Animal Re-use Strategy			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the justification for the animal re-using strategy adequate?
Comments			
Refinement			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the author considered any pilot studies?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the author listed all experimental procedures done on the animals?
Comments			-

Experimental Agents			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are any/all drugs used listed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the route of administration provided, and is it appropriate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the dosing of each agent provided, and is it appropriate?
Comments			
Collection of biological samples			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the information about the collected biological samples mentioned by the author?
Comments			
Degree of pain severity			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the degree of pain severity mentioned correctly by the author?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the alternative to procedures that may cause pain or distress to animals have been considered by the author?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the anticipated pain or distress for animals described by the author?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the procedures to monitor pain and distress clearly described and appropriate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is/Are the name of person (s) who will monitor or observe animals mentioned by the author?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the schedule of animal monitoring mentioned by the author?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In case of pain and distress, are dose, frequency and type of anesthetic or analgesic drugs or tranquilizers used in the study mentioned?
Comments			
Surgery (if applicable)			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the type of surgical procedures (survival/non-survival) correctly identified?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the location where the surgery is to be performed specified?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the pre-operative procedures (fasting, analgesic loaded, etc.) clearly described and appropriate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the description of the surgical procedures complete and are appropriate aseptic procedures included for survival surgeries?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the monitoring and supportive procedures to be used during surgery clearly described and appropriate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the individuals who will perform the surgery identified and are they qualified to perform the procedures?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For survival surgery , is the post-operative care and the frequency of observation clearly described and appropriate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For survival surgery , is a procedure described for the detection and management of post-operative complication during normal work hours, weekends, and holidays described and appropriate?
Comments			
Humane Endpoints			

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the humane endpoint adequately described?
Comments			
Euthanasia and final disposition of animals			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the method of euthanasia mentioned?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the method stated the most appropriate method for the animal species involved and the protocol proposed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there any exceptions to the guide or other policies or procedures related to euthanasia?
Comments			
Animal Housing Requirements.			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the location of the animal housing facility provided?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For the housing, Is the appropriate box on the form checked?
Comments			
Technical /Training requests			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is this section completely filled out for all involved personnel?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is it clear in the protocol how these individuals will be involved in the project?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the training of the personnel appropriate for the animal species involved?
Summary (Other issues or recommendations):			
Questions to the IACUC:			
Recommendation to the Committee:			
<input type="checkbox"/> Approve		<input type="checkbox"/> Modifications required to secure Approval	<input type="checkbox"/> Withhold Approval
IACUC member name:			
Signature &date			