# VACUTC Checklist for Animal Research Studies

Title of Research:

…………………………………………………………………………………..

Name of the Researcher: …………………………………………

Reviewer: ………………………………….

YES or NO or Not applicable

* Social & Scientific Values:
1. **Does the research have clear social importance? …………………..**
2. **Does the research have obvious scientific value? ………………**
* Scientific Design

The Supervision team includes a researcher, as stated in the faculty's guidelines: ……………..

1. **Has a scientific committee approved the research?.....................**

Are the elements of the study design (e.g., hypothesis, objectives, sample size, statistics, etc.) adequate to produce valid results? ………………

1. **Is the experiment well designed? …………………….**
2. **Will the research be performed by qualified investigators? ……………**
3. **Is there a post-experiment experience of the researcher with animal experiments? ……**
4. **Will the research be carried out with proper facilities? …………….**
5. **Does the study include a sham-operated group? ……………………**
6. **Does the control group adequately represent the standard conditions in the experiment? ………………..**
7. **Are the experimental procedures adequately described? ………………..**
8. **Are there any other scientific issues that need to be addressed? ……**
* **Animal Enrollment:**

**Are the species and strain of the enrolled experimental animals specified? ……………...**

1. **Is the selection of the enrolled experimental animals justified and equitable? ……….**
2. **Is the number of animals used in the research suitable? ………..**

Is the method of termination rapid and painless (euthanasia)? …………..

6. Is the method of getting rid of animals after termination specified? ………….

* Risk/Benefit Analysis

Risks

1. **Are there risks to society in general? ……..**
2. **Are risks adequately minimized? ……….**
3. **Can further risks be minimized?...........................**
4. **What is the risk level of the research? …………..**
* Benefits
1. **Are there potential benefits for the future health of society? ……………**
2. **Will the community/country benefit from the results of the research after the research is over? ………**
3. **Have any post-trial agreements been developed with the sponsor/investigators? …….**
* Analysis of Risks and Benefits
1. **Are the risks reasonable in relation to the anticipated benefits? …………………..**
* **Recommendation:**

**Researchers should confirm the animal's health status before handling samples.**

* **Decision:**

SIGNATURE OF REVIEWER DATE

………………… …………………