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| Internal Regulation Title | Reuse of Research Animals | | | | |
| Date Last Revised | 09/14/2017 | Date Created | 08/22/2017 | Revision # | |
| Regulation Number | 19 | Required by: | <input type="checkbox"/> OHRP <input type="checkbox"/> Funding Agency <input type="checkbox"/> OLAW | | |
| Applicability | <input type="checkbox"/> RGC Internal | | <input checked="" type="checkbox"/> Researcher | | <input type="checkbox"/> Institutional |
| Subgroup | <input type="checkbox"/> NKU Compliance | <input type="checkbox"/> IRB | <input checked="" type="checkbox"/> IACUC | | <input type="checkbox"/> IBC |

1.0 PURPOSE

The purpose of this regulation is to describe the parameters for acceptable reuse of research animals.

2.0 GENERAL INFORMATION AND SCOPE

Reuse of animals is defined as the use of the same animal(s) for unrelated experiments. Federal laws, regulations and policies require application of the three R’s (replacement, reduction, refinement) during planning and implementation of animal use in research, training and testing. The method of animal number reduction often leads to consideration of reuse of animals that have undergone one or more experimental procedures. However, animal welfare must be weighed when considering this choice.

3.0 DETAILS

Healthy animals have already been used in one study may be re-used for another one under the following conditions:

- 1) Standard Animal Transfer Requests can be approved by the NKU IACUC if:
 - a. Animals have not been previously used in an experiment OR
 - b. Animals are retired breeders or unwanted offspring from breeding colonies that have not undergone invasive procedures (genotyping is not considered an invasive procedure)
- 2) An IACUC protocol revision is required for reuse of animals previously used in experimental procedures. The veterinarian may administratively approve if:
 - a. Animals have been subjected to Category C experimental procedures prior to transfer for use in Category C, D or E procedures under a different protocol OR
 - b. Animals have been subjected to Category D or E procedures prior to transfer for use in an approved non-survival procedure, provided animals are anesthetized prior to procedure and are euthanized prior to recovery from anesthesia.

Protocol to protocol transfer of research animals (unless described and approved in existing protocols) as outlined above, must be approved in advance by the IACUC. In no circumstance may animals undergoing painful, and or distressful (Category D and or E) procedures, be transferred to another protocol for use in additional survival, painful, and/or distressful procedures.

4.0 REFERENCES

[Guide for the Care and Use of Laboratory Animals Eighth Edition](#)

5.0 FORMS OR ATTACHMENTS

6.0 DEFINITIONS

Approvals

| Title | Approved | Date Approved | Not Applicable |
|--------------------------------|-------------------------------------|---------------|-------------------------------------|
| Manager of Research Compliance | <input checked="" type="checkbox"/> | 11/01/2017 | <input type="checkbox"/> |
| IACUC Chair | <input checked="" type="checkbox"/> | 11/01/2017 | <input type="checkbox"/> |
| Institutional Official | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |

Revisions

| Title | Approved | Date Approved | N/A | Summary |
|--------------------------------|--------------------------|---------------|--------------------------|---------|
| Manager of Research Compliance | <input type="checkbox"/> | | <input type="checkbox"/> | |
| IACUC Chair | <input type="checkbox"/> | | <input type="checkbox"/> | |
| Institutional Official | <input type="checkbox"/> | | <input type="checkbox"/> | |