



Inspection Report

UNIVERSITY OF VIRGINIA
PO BOX 400301
OFFICE OF THE VICE PRESIDENT FOR RESEARCH
CHARLOTTESVILLE, VA 22904

Customer ID: 495
Certificate: 52-R-0011
Site: 001
UNIVERSITY OF VIRGINIA

Type: ROUTINE INSPECTION
Date: 19-MAY-2021

2.31(c)(7)

Institutional Animal Care and Use Committee (IACUC).

Multiple changes, including one significant change, were made to a protocol in consultation with the attending veterinarian, but these were never submitted to the IACUC for a designated member review as outlined in the institutional policy regarding modifications of protocols. Protocol # 4274, involving woodchucks, was approved by the IACUC in approximately June 2019. The PI and veterinary technician both separately stated that in the summer of 2020, they had a discussion with the attending veterinarian which led to significant changes in the protocol. These were based on previous experience with animals in the study and would ultimately improve animal welfare. The changes made include: 1) switching from an injectable sedative to a strictly inhalant anesthetic for imaging and blood sampling; 2) changing the vascular access location for obtaining blood; 3) removing intubation in favor of masking during longer procedures or altogether for very short procedures such as imaging; and 4) discontinuing the use of an injectable medication in favor of an oral drug. According to the PI, vet tech and animal medical records, the modified protocol was implemented soon after the discussion. However, the current approved protocol on record with the IACUC and reviewed during this inspection does not reflect these changes.

Making changes to a protocol without seeking IACUC review and approval does not allow the IACUC to perform adequate

Prepared By: RACHEL PEREZ-BAUM
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL
OFFICER

Date:
20-MAY-2021

Received by Title: IACUC Representative

Date:
20-MAY-2021



Inspection Report

oversight into the use of animals for medical research.

Correct by allowing the IACUC to review and either approve, require modifications in, or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities. The institution immediately took steps to make the appropriate modifications to the protocol and allow review by the IACUC at the time of the exit interview.

Correct by: May 27, 2021.

2.31(e)

Institutional Animal Care and Use Committee (IACUC).

Protocol 4274 is missing multiple required components. The IACUC approved protocol on file and reviewed during the inspection is missing details regarding blood sampling, agent administration, and euthanasia method. Specifically, the protocol does not include: 1) blood sampling procedures performed to determine inclusion criteria for treatment in the study; 2) IV administration of a histopathological tracer to a group of animals who recover for a short time prior to euthanasia; 3) specific procedures regarding the method of euthanasia. The protocol only states that the veterinary staff will perform euthanasia. The institution's policy on euthanasia only references generic humane methods.

Incomplete descriptions of procedures do not allow the IACUC to fully understand and review the proposed activities involving animal use. This oversight is crucial to monitoring and enforcing animal welfare standards in research.

Correct by ensuring that all protocols submitted to the IACUC for review contain all five components listed in this subsection, including a complete description of the proposed use of the animals and a description of any euthanasia method to be used. The institution immediately took steps to add detail to the protocol and allow review by the IACUC at

Prepared By: RACHEL PEREZ-BAUM

USDA, APHIS, Animal Care

Date:

20-MAY-2021

Title: VETERINARY MEDICAL
OFFICER

Received by Title: IACUC Representative

Date:

20-MAY-2021



Inspection Report

the time of the exit interview.

Correct by: May 27, 2021.

This inspection and exit interview were conducted with the attending veterinarian, IACUC and compliance personnel.

Additional Inspectors:

KATHRYN CAMPITELLI, VETERINARY MEDICAL OFFICER

Prepared By: RACHEL PEREZ-BAUM

USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL
OFFICER

Date:

20-MAY-2021

Received by Title: IACUC Representative

Date:

20-MAY-2021



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
495	52-R-0011	001	UNIVERSITY OF VIRGINIA	19-MAY-2021

Count	Scientific Name	Common Name
000005	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000001	<i>Cricetomys gambianus</i>	GAMBIAN POUCHERED RAT / NORTHERN GIANT POUCHERED RAT
000041	<i>Tupaia belangeri</i>	NORTHERN TREE SHREW
000012	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000026	<i>Marmota monax</i>	GROUNDHOG / WOODCHUCK
000130	<i>Oryzomys palustris</i>	MARSH RICE RAT
000053	<i>Microtus ochrogaster</i>	PRAIRIE VOLE
000008	<i>Mustela putorius furo</i>	DOMESTIC FERRET
000276	Total	