



## Inspection Report

Vanderbilt University Medical Center  
1161 21st Ave S Mcn Aa 6206  
Nashville, TN 37232

Customer ID: **335389**  
Certificate: **63-R-0129**  
Site: 001

VANDERBILT UNIVERSITY VICE PROVOST FOR RESEARCH

Type: ROUTINE INSPECTION  
Date: 18-JUN-2019

### 2.31(c)(7)

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Several incidences were identified in which significant changes were made by an investigator/study staff regarding the care and use of animals on an approved proposal without the IACUC first reviewing and approving the proposed significant changes:

- \*Multiple changes in anesthetic protocols used on gerbils were made by researchers on proposal M1600067. An amendment was submitted for one of the changes but the new regimen was used prior to receiving IACUC approval. No amendment was submitted for the other changes made.
- \*Twenty three gerbils were used on a pilot study within proposal M1600067 which only was approved for ten gerbils. This significant increase in animal numbers was not reviewed and approved by the IACUC prior to the use of the additional animals.
- \*Twelve pigs were approved for use on proposal M1700129. Fourteen pigs were used by the investigator. The increase in animal numbers was not reviewed and approved by the IACUC prior to the use of the additional animals.

The IACUC, as an agent of the facility, shall review all components of activities related to the care and use of animals to determine that the activities are in accordance with the Animal Welfare Act and Regulations. The IACUC shall review and approve, require modifications in to secure approval or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities. Correct from this day forward.

### 2.33(b)(3) CRITICAL REPEAT

#### ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

Multiple incidences involving a lack of communication between researchers making observations about gerbil anesthesia issues and gerbil deaths during study procedures (protocol M1600067) and the attending veterinarian/veterinary staff were identified by the IACUC after an inquiry triggered by an observation made during an IACUC semi-annual facility inspection. The gerbil deaths had also not been reported by the researchers to the IACUC. Seventeen of the twenty three gerbils used in this pilot study during five separate sessions over a period of 10 months from June 2017 to April 2018 died.

Observations regarding problems of animal health, behavior and well-being may be accomplished by someone

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other than the attending veterinarian but all such issues must be conveyed to the attending veterinarian in a timely manner to ensure that all animals receive appropriate veterinary care. The facility shall maintain a program of adequate veterinary care that includes a mechanism of direct and timely communication on problems of animal health, behavior and well being to the attending veterinarian.

### 2.36(b)(3)

#### ANNUAL REPORT.

The facility's Fiscal Year 2018 Annual Report includes a summary of exceptions to the Regulations and Standards under the Animal Welfare Act. The report includes a description of an IACUC approved exception to the provision of food fed to dogs in which dogs are fasted for 23 hours prior to performing a 4-10 hour metabolic study (for a total fast of 27-33 hours). The report states that although the exception was approved, no animals underwent this exception during the reporting period. In actuality, multiple dogs on several of the protocols identified underwent the exception based on review of records and a discussion with research staff. To assure that the facility is adhering to the standards and regulations under the Act the summary must also contain the species and number of animals affected along with the brief explanation of the exception. Correct by revising the Annual Report and resubmitting it to Animal Care by July 31, 2019.

This inspection and exit interview were conducted with undersigned Attending Veterinarian, IACUC chair and other facility representatives.

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## Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
335389	63-R-0129	001	VANDERBILT UNIVERSITY VICE PROVOST FOR RESEARCH	18-JUN-19

Count	Scientific Name	Common Name
000006	<i>Canis lupus familiaris</i>	DOG ADULT
000056	<i>Galago senegalensis</i>	NORTHERN LESSER BUSHBABY
000003	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000036	<i>Macaca mulatta</i>	RHESUS MACAQUE
000006	<i>Macaca radiata</i>	BONNET MACAQUE
000023	<i>Meriones unguiculatus</i>	MONGOLIAN GERBIL (COMMON PET / RESEARCH VARIETY)
000004	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000002	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000001	<i>Saimiri boliviensis</i>	BLACK-CAPPED SQUIRREL MONKEY
000012	<i>Saimiri sciureus</i>	COMMON SQUIRREL MONKEY
<b>000149</b>	<b>Total</b>	