



## Inspection Report

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UNIVERSITY OF TENNESSEE - MEMPHIS

Office of Animal Care and use  
910 Madison avenue Suite 650  
MEMPHIS, TN 38163

Customer ID: **841**

Certificate: **63-R-0107**

Site: 001

UNIVERSITY OF TENNESSEE -  
MEMPHIS

Type: ROUTINE INSPECTION

Date: 02-MAY-2023

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### 2.31(c)(7)

#### **Institutional Animal Care and Use Committee (IACUC).**

Rabbit housing for Protocol 21-0242 has been significantly changed but the IACUC committee did not review or approve this change. The protocol states that rabbits are housed at a satellite location while undergoing experimental procedures; the protocol states that the primary enclosure type for the rabbits at this satellite location is "dog carrier" and primary enclosure size is "24 x 17.5 x 18.5" inches. Based on conversations with facility staff and a visit to the satellite location, it is evident that rabbits are being housed in significantly smaller dog carriers which do not provide the minimum amount of space required under the Animal Welfare Act (AWA). At the time of the inspection, 6 rabbits were housed in identical transport crates at the satellite location. The crates are 12 inches tall, which is 2 inches short of the AWA requirements. The floor space provided by the crates is 20 inches long x 11 inches wide / 144 = 1.52 square feet; this is adequate for rabbits under 2 kilograms (who require 1.5 square feet of space) but is not adequate for rabbits weighing 2-4 kilograms (who require 3.0 square feet). Some of the rabbits used in the study weight less than 2 kilograms, but others weigh between 2 and 4 kilograms. According to facility staff, the animals live in the crates at the satellite location for about 24 hours, and there is no other housing used for the rabbits at the satellite location. There is no scientific justification in the protocol for housing rabbits in travel crates that fail to provide the minimum space require the Animal Welfare Act (AWA). The IACUC did not approve housing rabbits in enclosures smaller than that required in the Animal Welfare Act.

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**Prepared By:** DIANA CARE

USDA, APHIS, Animal Care

**Date:**  
03-MAY-2023

**Title:** VETERINARY MEDICAL  
OFFICER

**Received by Title:** Attending Veterinarian

**Date:**  
03-MAY-2023



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Proposals and changes to animal use activities must contain accurate and complete information so that the IACUC can oversee animal care and use and ensure compliance with the Animal Welfare Act.

Correct by July 3rd, 2023 by ensuring that proposals to conduct animal activities, or to make significant changes to ongoing activities containing animals, contain a complete description of the proposed use of the animals.

### 2.31(e)(3)

#### **Institutional Animal Care and Use Committee (IACUC).**

One IACUC-approved protocol does not completely describe proposed use of animals.

An IACUC-approved amendment (dated 1/9/2023) to protocol 23-0426 states that two non-invasive imaging techniques will be performed on hamsters (echocardiography and micro-CT) under general anesthesia. The amendment does not state which experimental groups of hamsters will be subject to the anesthesia and imaging procedures, how often the procedures will be performed, or how many times one animal might undergo either of the procedures. An employee who works with these animals stated that the plans has not been finalized, but that the intent is to perform these imaging procedures on each hamster once a week for about one year.

Proposals and changes to animal use activities must contain accurate and complete information so that the IACUC can oversee animal care and use and ensure compliance with the Animal Welfare Act.

Correct by July 3rd, 2023 by ensuring that proposals to conduct animal activities, or to make significant changes to ongoing activities containing animals, contain a complete description of the proposed use of the animals.

This inspection was conducted with the Attending Veterinarian and exit interview was conducted with the Attending Veterinarian, IACUC Program Administrator, the IACUC Chair, and the Institutional Official.

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### Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
841	63-R-0107	001	UNIVERSITY OF TENNESSEE - MEMPHIS	02-MAY-2023

Count	Scientific Name	Common Name
000022	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000003	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000002	<i>Papio hamadryas</i>	HAMADRYAS BABOON
000008	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER
000035	<b>Total</b>	