



## Inspection Report

Yale University

OFFICE OF RESEARCH ADMIN  
PO BOX 208327  
NEW HAVEN, CT 06520

Customer ID: 48

Certificate: 16-R-0001

Site: 001

YALE UNIVERSITY

Type: ROUTINE INSPECTION

Date: 18-MAR-2024

2.33(b)(3)

Critical

### Attending veterinarian and adequate veterinary care.

Pertaining to IACUC approved Protocol 20100: On 4/21/23 rabbit #87 was anesthetized by investigator staff for an IACUC approved operative procedure using injectable agents followed by an inhalant agent at 2% for maintenance anesthesia. The animal's heart rate began to increase during the procedure and the investigator staff increased the percentage of inhalant agent to 3% for 30 minutes. The heart rate remained elevated and the investigator decided to administer an additional dose of the injectable agents, kept the inhalant agent at 3%, and continued the study procedure. The rabbit's heart rate remained elevated, but the investigator staff did not contact the Attending Veterinarian. The inhalant agent was discontinued when the procedure was completed, constituting over 4 hours inhalant anesthesia and over 2 hours at 3%, but the rabbit's oxygen level began to drop, and respiratory depression developed. At that point, investigator staff contacted veterinary staff who immediately responded and initiated treatment. The animal's condition continued to deteriorate, and the rabbit was euthanized. The necropsy results were that the death was due to anesthesia error.

Per this Section, each research facility shall maintain a program of adequate veterinary care that includes the observation of all animals to assess their health and well-being. The observation of animals may be accomplished by someone other than the Attending Veterinarian (AV). However, a mechanism of direct and frequent communication must be in place to convey timely and accurate information concerning any problems of animal health observed in the animals to the Attending Veterinarian who has the authority to ensure that the animals are provided adequate veterinary care.

There was a failure of the investigator staff to contact the AV during the operative procedure when there was a problem of animal health. The Attending Veterinarian and research facility acted promptly to address this incident and implemented corrective measures prior to this inspection, which included additional training of the investigator staff, modifications to the proposal for animal use, and requiring that veterinary staff administer anesthesia. There have been no additional incidents. To remain corrected from this day 3/22/24 forward.

This inspection was conducted with facility representatives from 3/18/24 through 3/22/24. The exit briefing was held with facility representatives on 3/22/24.

Prepared By: PAULA GLADUE

USDA, APHIS, Animal Care

Date:

22-MAR-2024

Title: VETERINARY MEDICAL  
OFFICER

Received by Title: Facility Representative

Date:

22-MAR-2024



## Inspection Report

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**Prepared By:** PAULA GLADUE

USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL  
OFFICER

**Date:**  
22-MAR-2024

**Received by Title:** Facility Representative

**Date:**  
22-MAR-2024



### Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
48	16-R-0001	001	YALE UNIVERSITY	18-MAR-2024

Count	Scientific Name	Common Name
000084	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER (COMMON PET/RESEARCH TYPE)
000109	<i>Macaca mulatta</i>	RHESUS MACAQUE
000003	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000007	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000121	<i>Spermophilus tridecemlineatus</i>	THIRTEEN-LINED GROUND SQUIRREL
000055	<i>Monodelphis domestica</i>	GREY SHORT-TAILED OPOSSUM
000014	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000012	<i>Dasypus novemcinctus</i>	NINE-BANDED ARMADILLO
000026	<i>Callithrix jacchus</i>	COMMON MARMOSET
000063	<i>Acomys cahirinus</i>	CAIRO SPINY MOUSE
000005	<i>Meriones unguiculatus</i>	MONGOLIAN GERBIL
000499	<b>Total</b>	