Inspection Report

The University of Arizona

1501 N. Campbell Ave., Room 1126
PO Box 245092
Tucson, AZ 85724

Customer ID: **1044**

Certificate: **86-R-0003**

Site: 001
The University of Arizona Animal Care

Type: ROUTINE INSPECTION

Date: 03-MAR-2022

2.32(c)(1)(ii) **Critical**

Personnel qualifications.

***On September 10, 2021 three 6-month old juvenile sheep (1 female and 2 males) died after the Animal Care Manager administered an incorrect levamisole dose causing an acute levamisole toxicity. These three juvenile sheep, assigned to a USDA-regulated IACUC protocol, were diagnosed via fecal floatation with gastrointestinal parasites. Under veterinary direction, the herd Animal Care Manager administered levamisole and other medications. The Animal Care Manager contacted a veterinarian immediately after observing muscle tremors, a clinical sign of possible toxicity, however all three juvenile sheep died approximately 30-60 minutes after the levamisole was administered.

The facility promptly reviewed all treatments and doses and determined the Animal Care Manager was supposed to administer the recommended volume of 15mls of diluted “Standard Drench Solution” (½ fluid oz/50lbs) but had instead prepared and gave 15mls of the “Concentrated Drench Solution” (2mls per 50lbs). This error resulted in the Animal Care Manager administering 15mls of concentrated drench instead of 2mls causing an acute levamisole toxicity and death.

***On October 27, 2021 a female Mexican free-tailed bat escaped from a research staff member’s hand while it was being hand fed. While trying to locate the bat on the floor, the staff member moved a large shelving unit on wheels and injured the bat. The bat was euthanized immediately due to the injuries it sustained.

Prepared By: NAOMI SISMOUR
USDA, APHIS, Animal Care

Date: 08-MAR-2022

Title: VETERINARY MEDICAL OFFICER

Received by Title: Facility Representative

Date: 08-MAR-2022

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 07/12/2022

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Inadequate training in the proper handling and care of animals can lead to injuries or death. The research facility must ensure that all personnel with direct animal contact are qualified and properly trained in the handling and care for the various species of animals used by the facility. It is the responsibility of the research facility to provide continued training and instruction to all personnel with sufficient frequency to fulfill the research facility's responsibility and maintain the health and well-being of the animals.

Corrections had been instituted prior to the inspection by retraining all protocol personnel with animal care responsibilities on handling and protocol techniques.

This inspection and exit interview were conducted with the facility representatives.

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United States Department of Agriculture
Animal and Plant Health Inspection Service

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1044	86-R-0003	001	The University of Arizona Animal Care	03-MAR-2022

Count	Scientific Name	Common Name
000012	*Macaca mulatta*	RHESUS MACAQUE
000003	*Sus scrofa domestica*	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000066	*Ovis aries aries*	SHEEP INCLUDING ALL DOMESTIC BREEDS
000038	*Oryctolagus cuniculus*	DOMESTIC RABBIT / EUROPEAN RABBIT
000001	*Equus asinus asinus*	DONKEY / BURRO / ASS
000007	*Bos taurus*	CATTLE / COW / OX / WATUSI
000036	*Equus caballus*	DOMESTIC HORSE
000010	*Eptesicus fuscus*	BIG BROWN BAT
000021	*Tadarida brasiliensis*	BRAZILIAN FREE-TAILED BAT
000194	**Total**	

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