



Inspection Report

University Of Arkansas
109 Mlkg
Fayetteville, AR 72701

Customer ID: **1470**
Certificate: **71-R-0001**
Site: 001

UNIVERSITY OF ARKANSAS

Type: ROUTINE INSPECTION
Date: 18-SEP-2018

2.38(f) CRITICAL

MISCELLANEOUS.

Under protocol #18065, 8 hamsters were used in an imaging study, during which they are anesthetized and placed on a heating pad. On three separate occasions, multiple hamsters have been burned, which resulted in tissue damage, ranging from hairloss and redness to sloughing of an entire ear. On 4/27/18, it was noted that 2 of 3 hamsters that had been anesthetized on 4/24/18 had evidence of trauma to their ears. On 4/30/18, it was noted that 2 of 2 hamsters that had been anesthetized on 4/29/18 had evidence of trauma to their ears. Imaging was discontinued until the cause, a shorted heating element, was isolated and corrected. However, on 6/16/18, it was noted immediately after anesthesia that 1 hamster had a severely inflamed ear, and the next day, 4 of 5 hamsters imaged on the same day showed evidence of tissue damage to their ears. Records indicate that corrective actions include lowering the temperature of the heating pad for future studies and placing a barrier to protect the face and ears from coming into close contact with the heating pad. In total, 6 hamsters suffered thermal injury to the face, shoulder, and/or ears, of which, 2 were injured on 2 different occasions and 5 of the 6 hamsters sloughed at least part of an ear. Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, thermal stress, behavioral stress, physical harm, or unnecessary discomfort. Correct from this day forward.

3.28(a)(1) CRITICAL

PRIMARY ENCLOSURES.

On 6/22/18, hamster #86, from protocol #18065, was found non-weight bearing on her right hind leg. She was anesthetized and examined and determined to have multiple fractures in her leg. She was euthanized at the attending vet's recommendation. Because there is no documented handling between the last health check and the health check when the swollen leg was discovered, it was determined that she injured herself on the wire cage structure. Primary enclosures shall be structurally sound and maintained in good repair to protect the hamsters from injury. Correct from this day forward.

No regulated species were present at the time of inspection.

This inspection and exit interview were conducted with the IACUC Administrator.

Prepared By: JERNIGAN COURTNEY, D V M USDA, APHIS, Animal Care

Date:
19-SEP-2018

Title: VETERINARY MEDICAL OFFICER 6124

Received by Title: IACUC ADMINISTRATOR

Date:
19-SEP-2018



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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1470	71-R-0001	001	UNIVERSITY OF ARKANSAS	18-SEP-18

No Animals were Inspected.

Count	Scientific Name	Common Name
000000	NONE	NONE
000000	Total	