Inspection Report

UNIVERSITY OF COLORADO-BOULDER
2860 Wilderness Place, 603 UCB / Room 122
BOULDER, CO 80301

Customer ID: **1835**
Certificate: **84-R-0060**
Site: 005
MCDB-GOLD & Wilderness

Type: ROUTINE INSPECTION
Date: 16-SEP-2021

2.31(e)(3)

Institutional Animal Care and Use Committee (IACUC).

In a recent amendment to the vole protocol, dexamethasone was added to the post-surgical procedures without a complete description of how it would be used in the study. At the time of inspection, the lab stated that the dexamethasone was only being used in half of the animals undergoing a specific surgical procedure in order to test if it improved outcomes. The amendment that was approved does not describe this process or which animals would receive the dexamethasone. The designated member that approved this amendment believed that dexamethasone was being added for every vole undergoing the procedure. Additionally, the route of administration for the dexamethasone in the protocol does not match the standard operating procedure (SOP) that the lab uses for post-operative care. This SOP is not mentioned in the protocol.

A complete description of the use of the animals is necessary in a protocol to ensure that all research staff and IACUC members are aware of the details regarding the study activities being conducted on the animals and the parameters in place to assure the health and comfort of the animals. In addition, the IACUC members need a complete description to understand the proposed use of the animals in order to approve the protocol and to assure compliance with regulatory requirements. This protocol must be amended to give a complete and accurate description of intended animal use.

To be corrected by 30 September 2021.

Prepared By: KATIE PRICE
USDA, APHIS, Animal Care
Date: 10-MAR-2022

Title: VETERINARY MEDICAL OFFICER

Received by Title: Attending Veterinarian
Date: 10-MAR-2022

Obtained by Rise for Animals.
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2.32(c)(1)(iii) Critical

Personnel qualifications.

On July 23, 2021, one adult prairie vole was found dead following a surgical procedure outlined in an IACUC approved protocol. The study protocol was recently amended to include the use of dexamethasone in post-surgical care for up to seven days; however, the amount administered during two doses was above the dose specified. The volume given to the vole was calculated based on a diluted solution of dexamethasone, but was drawn from a non-diluted source, resulting in the administration of 100 times the approved dose.

It is the responsibility of the research facility to provide training and instruction to all personnel with sufficient frequency to fulfill the research facility's responsibility. The facility must devise a plan to ensure adequate training in the proper pre-procedural and post-procedural care of animals for all employees.

To be corrected by 23 September 2021.

This inspection and exit interview were conducted with facility representatives.

Prepared By: KATIE PRICE
USDA, APHIS, Animal Care
Date: 10-MAR-2022

Title: VETERINARY MEDICAL OFFICER

Received by Title: Attending Veterinarian
Date: 10-MAR-2022

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United States Department of Agriculture
Animal and Plant Health Inspection Service

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Inspection Date: 16-Sep-2021

Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1835	84-R-0060	005	MCDB-GOLD & Wilderness	16-SEP-2021

Count	Scientific Name	Common Name
000270	*Microtus ochrogaster*	PRAIRIE VOLE
000073	*Microtus pennsylvanicus*	MEADOW VOLE
000343	**Total**	

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