



Inspection Report

University Of California-Berkeley
119 California Hall
Berkeley, CA 94720

Customer ID: **9191**

Certificate: **93-R-0432**

Site: 001

UNIVERSITY OF CALIFORNIA, BERKELEY

Type: ROUTINE INSPECTION

Date: 23-MAR-2016

2.31(d)(1)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

The protocol R258 included drug dosages of 30-50 mg/kg of Ketamine and 3-5 mg/kg of Xylazine for anesthesia for all guinea pig procedures. A review of the records revealed that for the last 6-9 months dosages of 27 mg/kg Ketamine and 0.6 mg/kg of Xylazine have been used on a majority of animals for imaging procedures that require immobilization but do not require a surgical plane of anesthesia. The lower dosages of anesthetic were developed in conjunction with the clinical veterinarian, but the protocol was not amended and approved by the IACUC, as required for this significant change. Additionally, the newly approved version of this protocol (effective 3/24/16) still contains only the higher dosage of these drugs for all procedures, despite the fact that this is not what is currently being used for the non-invasive procedures.

Making significant changes to animal use protocols without IACUC review and approval could be detrimental to the animals, as the review process allows consideration of the best methods to minimize pain and distress.

If the lower dosage is to be used for some procedures, then the current protocol should be amended and approved prior to any additional animal use that does not adhere to the protocol, and the facility should ensure that all personnel understands that significant changes to protocols cannot be made without IACUC approval.

2.33(b)(4)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

While reviewing the controlled drug logs in an animal procedure room, it was discovered that Xylazine that expired in March 2014 was still used on guinea pigs through September of 2015, and Euthanasia solution that expired in October 2014 was still used on guinea pigs through November of 2015.

Use of expired medical materials in anesthesia and euthanasia is not appropriate, and risks inadequate effectiveness of these drugs which are meant to minimize pain and distress.

The facility should take steps to retrain personnel, and ensure that expired drugs are not used on covered species

Prepared By: PAMELA SMITH, D V M USDA, APHIS, Animal Care

Date:
23-MAY-2016

Title: VETERINARY MEDICAL OFFICER 6036

Received by Title: ATTENDING VETERINARIAN

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from this time forward.

This inspection was conducted on 3/23/16 and 3/24/16 by Veterinary Medical Officers Pamela L. Smith and Katharine C. Frank.

An exit interview was conducted with the facility representatives.

Additional Inspectors

Frank Katharine, Veterinary Medical Officer

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
9191	93-R-0432	001	UNIVERSITY OF CALIFORNIA, BERKELEY	23-MAR-16

Count	Scientific Name	Common Name
000037	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000073	<i>Ctenomys conoveri</i>	CHACOAN TUCO-TUCO
000017	<i>Macaca mulatta</i>	RHESUS MACAQUE *MALE
000026	<i>Mesocricetus auratus</i>	SYRIAN HAMSTER (GOLDEN HAMSTER)
000083	<i>Rousettus aegyptiacus</i>	EGYPTIAN FRUIT BAT
000236	Total	