



## Inspection Report

UNIVERSITY OF CALIFORNIA, DAVIS

Customer ID: 9192

Certificate: 93-R-0433

Site: 001

UNIVERSITY OF CALIFORNIA, DAVIS

ONE SHIELDS AVE

Type: ROUTINE INSPECTION

DAVIS, CA 95616

Date: Jun-17-2008

### 2.31 (c)

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

\*\*\*\*\* INDIRECT NON COMPLIANT ITEM

Sec. 2.31 Institutional Animal Care and Use Committee (IACUC) ) c) IACUC Functions. With respect to activities involving animals, the IACUC, as an agent of the research facility, shall: (7) Review and approve, require modifications in (to secure approval), or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities; and

\*\*\*\*\* INDIRECT NON COMPLIANT ITEM

Sec. 2.31 Institutional Animal Care and Use Committee (IACUC) ) (d) IACUC review of activities involving animals: (1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing;

Protocol # 07-13008: The blood volume removed from the rabbit was approved for 1ml/ draw. The researcher took two ml (April 29, 2008) because 1 ml was not enough for the test. This change should have had IACUC approval. Brodifacoum was to be fed in the food was instead put into water and gavaged. This may have changed the results and should have been approved IACUC. The potentially painful procedure of the cardio centesis was not approved by the IACUC.

The committee has resolved the issues and the researcher is following the recommendations of the committee.

### 2.31 (d)

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

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2.31 Institutional Animal Care and Use Committee (IACUC). (d) IACUC review of activities involving animals. (1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a

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review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing; (ii) The principal investigator has considered alternatives to procedures that may cause more than momentary or slight pain or distress to the animals, and has provided a written narrative description of the methods and sources, e.g., the Animal Welfare Information Center, used to determine that alternatives were not available;

\*\*\*\*\*  
Protocol # 07-13008: The facility has not documented that a search was conducted for alternatives to the potentially painful procedures for the rabbit protocol. The search and discussion is needed to ensure that there are not better ways to do the teaching. The researcher's staff changed the protocol and did a cardio centesis and then recovered the rabbit.  
\*\*\*\*\*

The committee has resolved the issues and the researcher is following the recommendations of the committee.

### 2.33 (b)

#### ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

\*\*\*\*\* INDIRECT NON COMPLIANT ITEM

Sec. 2.33 Attending veterinarian and adequate veterinary care. (b) Each research facility shall establish and maintain programs of adequate veterinary care that include: (2) The use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries, and the availability of emergency, weekend, and holiday care;

\*\*\*\*\*  
Review of some daily clinical treatment records for 2005:

Non human primate, MMU 29349: Cefazolin was to be given three times per day:  
January 17, 2005, the third dose was either not given and not initialed or not initialed.  
January 19, 2005, the first dose was either not given and not initialed or not initialed.

Non human primate, MMU 30647: Cefazolin and oxymorphone were to be given three times per day:  
March 4, 2005, the middle treatment was either not given and not initialed or not initialed.

Non human primate, MMU 30040: Cefazolin was to be given three times per day:  
December 19, 2005, the first dose was either not given and not initialed or not initialed.  
December 21, 2005, the second dose was either not given and not initialed or not initialed.  
December 22, 2005, the first dose was either not given and not initialed or not initialed.

Review of some daily clinical treatment records for 2006 at the regional primate center:  
August 9, 2006: Pages 1-4 of 14: thirty animals with 43 treatments were not initialed.  
Page 10 of 14: two animals with 2 treatments were not initialed.

Review of some daily clinical treatment records for 2008 at the regional primate center:

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March 13, 2008: Page 1 of 2: one animal with 1 am treatment was not initialed.  
March 14, 2008: Page 2 of 7: two animals with 2 treatments were not initialed.  
March 16, 2008: Page 2 of 6: four animals with 7 treatments were not initialed.  
June 19, 2008: Page 1 of 1: one animal 1 treatment was not initialed.  
Page 2 of 8: one animal with 2nd treatment was not initialed.

Numerous animal clinical records were reviewed for 2005, 2006, and 2008. Either the prescribed medications were not given or were not recorded. After talking to the staff, with the system in place, most likely, the med's were given but records were not initialed. Medications are prepared and if anything was not given, it would still be at the prep area. However, the only way to assure that the medications were given is to have records. A method to double check the records for accuracy needs to be instituted. A supervisor or other designated person could review records to assure that they are complete. This is to assure that animals' health and well being are being maintained.

Correction: Additional monitoring of the entries is recommended.

**2.38** (b) (1)

### MISCELLANEOUS.

\*\*\*\*\* INDIRECT NON COMPLIANT ITEM

Sec. 2.38 Miscellaneous. (b) Access and inspection of records and property.

(1) Each research facility shall, during business hours, allow APHIS officials: (i) To enter its place of business; (ii) To examine records required to be kept by the Act and the regulations in this part (iii) To make copies of the records; (iv) To inspect the facilities, property, and animals, as the APHIS officials consider necessary to enforce the provisions of the Act, the regulations, and the standards in this subchapter; and (v) To document, by the taking of photographs and other means, conditions and areas of noncompliance.

Non human primate: MMU 30647: the records for August 4, 2005 were not available for review. It is necessary for these records to be available to assure that the animals were properly cared for. The facility could not find this particular day of records for treatment.

In the future, have a retrieval system that so records don't get misplaced or lost.

Inspection dates: June 17,18,24, 30, and July 8, 2008

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