



## Inspection Report

UNIV OF MD BIOTECHNOLOGY INSTITUTE

Customer ID: **1647**

Certificate: **51-R-0060**

Site: 001

UMBI ANIMAL CORE FACILITY

MBCRF 1ST FL SOUTH, 725 W LOMBARD ST

Type: ROUTINE INSPECTION

BALTIMORE, MD 21201

Date: Jun-17-2008

### 2.33 (b) (2)

#### ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

Section 2.33(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.

1. Animal facility, animal room S121: Rabbit #509, #510, #514, #518, were observed to have long toenails. Long toenails may cause discomfort, nail fracture and bleeding.

Adequate veterinary care should include periodic trimming of rabbit toenails to prevent development of long toenails, possible discomfort, and nail fracture. Animal care personnel should periodically examine the rabbits for long toenails and trim the nails as frequently as necessary to ensure the health and well-being of the animals.

2. Animal facility, instrument/supply room S135A, lockbox, expired drugs: Enrofloxacin injection (Baytril) 22.7 mg/ml (2.27%), 20 ml vial, lot #5400JVH, expired 5/2008 (4).

The use of expired drugs, fluids, and medical materials is not considered to be acceptable veterinary practice and may adversely affect animal treatment.

Correct by: Item 1> Rabbit toenails trimmed at time of inspection. Item 2> Expired drugs removed for disposal at time of inspection.

### 2.36 (b) (5)

#### ANNUAL REPORT.

Section 2.36(b) The annual report shall: (5) State the common names and the numbers of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.

1. Review of the Annual Report dated November 28, 2007: The report failed to include under Column C the number of guinea pigs upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or

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Date:

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use of pain-relieving drugs.

The research facility should submit an amended annual report for the Federal fiscal year ending on September 30, 2007, to the Animal Care Regional Director, Eastern Region.

Correct by: July 11, 2008.

### 3.56 (c)

#### SANITATION.

Section 3.56(c) Housekeeping. Premises (buildings and grounds) shall be kept clean and in good repair in order to protect the animals from injury and to facilitate the prescribed husbandry practices set forth in this subpart.

1. Animal facility, animal room S121, housing 8 rabbits: The animal room was not kept clean, neat, and free of clutter. Several previously used, soiled food receptacles were left in an empty cage. The open supply of rabbit food was stored in a soiled container. It could not be determined when the container was last cleaned

Animal housing facilities should be kept clean to ensure the health and well-being of the animals.

Correct by: Room cleaned at time of site visit.

### 3.75 (a)

#### HOUSING FACILITIES, GENERAL.

Section 3.75(a) Structure: construction. Housing facilities for nonhuman primates. . . must be kept in good repair, must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

1. Animal facility, animal room S119, housing 7 rhesus monkeys: Filters were removed from five ceiling air ducts which were not equipped with grills. Without the filters and/or grills, the open ducts provide access into the HVAC system for an animal that may accidentally escape from its enclosure. Entry into the HVAC system could result in animal injury or death.

Animal facilities for housing nonhuman primates should be constructed and maintained in good repair to prevent injury to the animals, to contain the animals, to facilitate cleaning and sanitization, and to prevent further structural deterioration. Maintenance/repairs should be performed on a regular basis.

The research facility should make the necessary repairs to ensure the health and safety of the animals.

Correct by: July 31, 2008.

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**3.80** (a) (2) (ii) **REPEAT**

### PRIMARY ENCLOSURES.

Section 3.80 Primary enclosures for nonhuman primates must meet the following minimum requirements: (a) General requirements. (2) Primary enclosures must be constructed and maintained so that they: (ii) Protect the nonhuman primates from injury.

1. The noncompliant item cited on the last inspection report was not satisfactorily corrected. Animal facility, animal room S118: Twelve of 24 enclosures, each housing a rhesus monkey, were not equipped with a food receptacle which created an opening in the front of the enclosure. The opening in the enclosure allows the monkey to reach through the enclosure which could result in animal injury. [REPEAT NCI]

Primary enclosures for nonhuman primates must be constructed and maintained in a manner that protects the animals from injury.

Food receptacles were inserted at the time of inspection.

**3.81** (b) **REPEAT**

### ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

Section 3.81(b) Environmental enrichment. The physical environment in the primary enclosures must be enriched by providing means of expressing noninjurious species-typical activities. Species differences should be considered when determining the type or methods of enrichment. . . Environmental enrichments include providing perches, swings, mirrors, and other increased cage complexities; providing objects to manipulate; varied food items; using foraging or task-oriented feeding methods.

1. The noncompliant item cited on the last inspection report was not satisfactorily corrected. The research facility plan to promote the psychological well-being of nonhuman primates stated that each animal will be provided a minimum of one enrichment item inside and one item outside the primary enclosure. Animal facility, animal rooms S111, S112, S116, 10 of 42 rhesus monkeys were not provided an inside enrichment item. Exemptions were not in effect. [REPEAT NCI]

Nonhuman primate enrichment should be provided as described in the plan for environment enhancement.

Note: This inspection was conducted on June 17-June 18, 2008.

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