



Centers for Disease Control and Prevention
Division of Vector-Borne Diseases
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MEMORANDUM

To: **Steve Monroe, Ph.D.**
Institutional Official
Associate Director for Laboratory Science and Safety

From: (b)(6)
Chairperson, CDC-Fort Collins Institutional Animal Care and Use Committee

Subject: Semiannual Evaluation of Animal Care and Use Program and Inspection of
Facilities – Division of Vector-Borne Diseases, Fort Collins, CO

Date: April 14, 2020

CC: (b)(6)
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OLSS/OLSaf/ACUPO
DVBD Institutional Animal Care and Use Committee (IACUC)

This memorandum documents the March 10, 2020 Semiannual Evaluation of the Centers for Disease Control and Prevention (CDC) – Division of Vector-Borne Diseases animal facility inspection and program review by the Institutional Animal Care and Use Committee (IACUC), as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals and as a condition of this Institution's Animal Welfare Assurance on file with the Office of Laboratory Animal Welfare (OLAW) and United States Department of Agriculture (USDA) Animal Welfare Regulations, 9 CFR Chapter I, subchapter A, as applicable. This evaluation utilized the National Research Council's *Guide for the Care and Use of Laboratory Animals* (2011).

Findings of the March 10, 2020 Semiannual Review of the CDC-Fort Collins Animal Care and Use Program

The CDC-Fort Collins IACUC conducted the Semiannual Evaluation of the Institution's Animal Care and Use Program on March 10, 2020 using the PHS Policy on Humane Care and Use of Laboratory Animals (PHS Policy), the *Guide for the Care and Use of Laboratory*

Animals, 2011 (the “*Guide*”), and Title 9 CFR Chapter I, Subchapter A – Animal Welfare Regulations (USDA Regulations), as applicable.

CDC-Fort Collins IACUC members who participated in the Program review included (b)(6) provided administrative support. (b)(6)

The modified OLAW checklist was utilized for the review with discussion. No deficiencies were noted.

The CDC-Fort Collins IACUC members reviewed records and inspected the animal facilities on March 10, 2020 using the PHS Policy on Humane Care and Use of Laboratory Animals, the *Guide for the Care and Use of Laboratory Animals*, 2011 (the “*Guide*”), and Title 9 CFR Chapter I, Subchapter A – Animal Welfare Regulations (USDA Regulations), as applicable. Currently approved exceptions to the 2011 *Guide* were also reviewed.

CDC-Fort Collins IACUC members who participated in the facility inspection included (b)(6) provided administrative support (b)(6) and (b)(6) escorted IACUC members through the animal facilities and/or answered questions.

No significant deficiencies were noted by the IACUC during the facility inspection and records review. There were two minor deficiencies noted: SmartFlow units on cage racks needed labels added for filter change dates; in the breeding colony, a SmartFlow unit needed an extension cord to facilitate configuration of cage racks in the room (see Appendix A for details).

Approved Protocol Exceptions to the *Guide*

The following are exceptions to the 2011 *Guide* that were reviewed and approved by the IACUC for individual protocols.

Four (4) approved protocols allow mice to be individually housed on a metal grate for up to 5 days while ticks feed (ticks drop off into ½” of water kept under metal grate, replete ticks are removed from water daily). Mice are provided with a plastic petri dish bottom (as a platform for respite from any discomfort incurred by the metal grate) for days 2-4 before ticks begin dropping off. A mouse hut is provided for additional comfort. Mice are euthanized at the end of the tick-feeding session or returned to regular housing, depending on the study protocol.

One protocol allows rabbits to be single-housed with an Elizabethan-collar to facilitate feeding and biocontainment of ectoparasites or to prevent fighting.

One mouse protocol allows pregnant females to be housed individually when they are ready to litter.

For the purpose of disease surveillance, one (1) mouse protocol allows for the use of soiled bedding from cages housing mice be placed in cages with SPF mice as a means of exposure.

Program Changes

There were no program changes since the last report to the IO.

Program Exceptions

There were no program exceptions since the last report to the IO.

Names of IACUC Members

(b)(6)

Chairperson

(b)(6)

Scientist Member

(b)(6)

Scientist

(b)(6)

Member

(b)(6)

Nonaffiliated, non-scientist member

(b)(6)

Attending Veterinarian Member

(b)(6)

Statistician Member

(b)(6)

Health and Safety Member

(b)(6)

Animal Care Project Manager

(b)(6)

Alternate Scientist

(b)(6)

Alternate scientist

(b)(6)

Member, Alternate

(b)(6)

Statistician Alternate

(b)(6)

Attending Veterinarian Alternate

(b)(6)

Alternate Nonaffiliated, non-scientist member

Signatures/ Initials

(b)(6)

Appendix A

RESULTS OF IACUC SEMI-ANNUAL PROGRAM REVIEW AND FACILITY INSPECTION FOR DVBD

FOLLOW-UP RECORD

March 10, 2020

Item to Fix	(S) or (M)*	Correction Plan	Person Responsible	Corrective Action Performed	Correct by date	Date Corrected
SmartFlow units need label to document date of filter change and due date for next change	M	Add labels	(b)(6)	Labels added	3-17-2020	3-10-2020
SmartFlow unit plugged into outlet blocks access to drawers so users are pugging and unplugging	M	Add extension cord in such a manner as to not create a tripping hazard		Heavy duty extension cord added	3-17-2020	3-13-2020

*Significant (S) or Minor (M)