

DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:
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Office of Laboratory Animal Welfare
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6705 Rockledge Drive
Bethesda, Maryland 20817
Telephone: (301) 496-7163
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February 20, 2018

Re: Animal Welfare Assurance A4366-01 [OLAW Case Y]

Dr. Ron Otten
Deputy Associate Director for Science
Centers for Disease Control
1600 Clifton Road NE, (b)(6)
Atlanta, GA 30333

Dear Dr. Otten,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your February 5, 2018 letter reporting an adverse event involving mice at CDC-Ft. Collins. According to the information provided, OLAW understands that one mouse died and three required euthanasia following administration of xylazine/ketamine. The three mice were euthanized because they never recovered from the anesthetic. Although the dosage had been approved in the protocol, the mice were smaller than usual and had not been given thermal support.

The corrective action consisted of amending the protocol to reflect reducing the amount of anesthetic and keeping the mice warm while anesthetized.

Based on its assessment of this explanation, OLAW understands that measures have been implemented to correct and prevent recurrence of the problem. OLAW concurs with the actions taken by the institution to comply with the PHS Policy on Humane Care and Use of Laboratory Animals.

Sincerely,

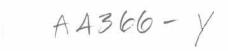
Axel Wolff, M.S., D.V.M.

Deputy Director

Office of Laboratory Animal Welfare

axel Way, ms, on

cc: IACUC Chair





DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control and Prevention Division of Vector-Borne Diseases 3156 Rampart Road Fort Collins, CO 80851 970-221-6400

MEMORANDUM

To:

Ron Otten, PhD

Ronald Otten Digitally signed by Ronald Otten-S

Deputy Associate Director for Science

Date: 2018.02.15 12:26:06 -05'00'

Institutional Official

From:

Amy Ullmann, Ph.D.

Chairperson, CDC-Fort Collins Institutional Animal Care and Use

Committee

Subject:

Unexpected mouse deaths - anesthesia, November, 2017

Date:

February 5, 2018

CC:

(b)(6)

DVBD Institutional Animal Care and Use Committee (IACUC)

This memorandum is to inform you of one SCID mouse death, and three SCID euthanasias that were reported to the IACUC office on November 10, 2017. The death of one mouse was discovered on November 10, 2017 approximately 1 hour after administration of a xylazine/ketamine anesthetic cocktail. One additional mouse did not regain ambulation by approximately 24 hours after anesthesia was administered and was euthanized. Two additional mice were still in poor condition approximately 48 hours after anesthesia, so they were euthanized. The mice received a dose of the anesthetics at the level specified in the protocol.

An e-mail report to the IACUC Administrator/Compliance Officer was received from the PI on November 10 and 12, 2017.

The DVBD IACUC met on December 12, 2017 where the report of the deaths were reviewed and discussed. The AV suggested lowering the dose of ketamine and xylazine in the cocktail as the SCID mice were smaller along with utilizing a method to keep the mice warm while under anesthesia. The IACUC requested that the PI submit a protocol amendment for the reduced doses along with warming the mice. The amendment was submitted and approved. This was determined to be reportable to OLAW. This falls under the OLAW guidance that unexpected deaths, in this case due to poor recovery from anesthesia most likely due to too high of a dose, be reported.

Morse, Brent (NIH/OD) [E] OLAW Division of Compliance Oversight (NIH/OD) From: Thursday, February 15, 2018 1:16 PM Sent: Otten, Ronald A. (Ron) (CDC/OD/OADS); OLAW Division of Compliance Oversight To: (NIH/OD) (b)(6)Cc: Ullmann, Amy J (b)(6)Otten, Ronald A. (Ron) (CDC/OD/OADS) RE: Non-compliance report - CDC-Ft Collins (Assurance # A4366-01) Subject: Thank you for this report Dr. Otten. We will send an official response soon. Regards, Brent Morse Brent C. Morse, DVM, DACLAM **Acting Director** Division of Compliance Oversight Office of Laboratory Animal Welfare National Institutes of Health Please note that this message and any of its attachments are intended for the named recipient(s) only and may contain confidential, protected or privileged information that should not be distributed to unauthorized individuals. If you have received this message in error, please contact the sender. (b)(6)From: Otten, Ronald A. (Ron) (CDC/OD/OADS) Sent: Thursday, February 15, 2018 12:28 PM To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov> (b)(6)Cc: Ullmann, Amy J. (b)(6)Otten, Ronald A. (Ron) (b)(6)(CDC/OD/OADS) (b)(6)Subject: Non-compliance report - CDC-Ft Collins (Assurance # A4366-01)

Dear Dr. Morse and colleagues,
Please find a report for a noncompliance incident at CDC-Ft. Collins.
Thank you,

Ron