



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500, MSC 6910
Bethesda, Maryland 20892-6910
Home Page: <http://grants.nih.gov/grants/olaw/olaw.htm>

FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500
Bethesda, Maryland 20817
Telephone: (301) 496-7163
Facsimile: (301) 480-3387

November 1, 2021

Re: Animal Welfare Assurance
A3230-01 [OLAW Case 5Q]

Ms. Pamela S. Caudill
Senior Associate Provost
for Research Administration
Yale University – New Haven
25 Science Park, (b) (4)
New Haven, Connecticut 06520

Dear Ms. Caudill,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your October 21, 2021 letter reporting an incident of noncompliance with the PHS Policy on the Humane Care and Use of Laboratory Animals at Yale University. According to the information provided, OLAW understands that on July 30, 2021, a PI self-reported that after an exposure procedure, two rats were inadvertently left overnight in a closed-circuit (with air) ethanol vapor chamber. The process when an exposure is concluded, is to manually open the chamber door. However, on this occasion the door was left closed resulting in the death of two rats. The activity was PHS funded.

Corrective and preventive measures: it was proposed to the PI that he consider a future modification to the chamber by installing a magnetic lock mechanism. In the meantime, the PI confirmed that he revised his procedural checklist to include a confirmation by the individual performing the experiment, that the animal(s) is/are safe post exposure. In addition, the PI is programming the oxygen sensor interface with the data collection application system to provide real-time online information in order to monitor for example, exposure agent and oxygen levels remotely. In accordance with University procedure, this incident will be reported to the appropriate NIH Institute/Center.

OLAW believes that the corrective and preventive measures put in place by Yale University are consistent with the provisions of the PHS Policy on Humane Care and Use of Laboratory Animals. OLAW suggests that the IACUC audit any exposure chambers within the program for remote monitoring and alarm capability. We appreciate being informed of this matter and find no cause for further action by this office at this time.

Sincerely,

Brent C. Morse -S Digitally signed by Brent C. Morse -S
Date: 2021.11.01 08:02:54 -04'00'

Brent C. Morse, DVM
Director
Division of Compliance Oversight
Office of Laboratory Animal Welfare

cc: IACUC contact

(b) (6)

Yale Office of Research Administration

October 21, 2021

Brent Morse, DVM, DACLAM
Office of Laboratory Animal Welfare
National Institutes of Health
6700B Rockledge Drive
Suite 2500, MSC 6910
Bethesda, MD 20892

PAMELA S. CAUDILL
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for Research Administration

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courier
25 Science Park, Suite 322
New Haven CT 06511

Dear Dr. Morse:

In accordance with the Public Health Service Policy and Yale University's Animal Welfare Assurance (#D16-00146), I am writing to report the fact-finding results of an animal welfare-related incident which was self-reported by a Principal Investigator (PI).

On July 30, 2021, a PI self-reported to OARS that after an exposure procedure, two rats were inadvertently left overnight in a closed-circuit box (with air) ethanol vapor chamber. The process when an exposure is concluded, is to manually open the chamber door. However, on this occasion the door was left closed resulting in the death of two rats.

The laboratory involved has been performing experiments utilizing this exposure chamber for several years and this was their first lapse. OARS proposed to the PI that he consider a future modification to the chamber by installing a magnetic lock mechanism. In the meantime, the PI confirmed that he revised his procedural checklist to include a confirmation by the individual performing the experiment, that the animal(s) is safe post exposure. In addition, the PI is programming the oxygen sensor interface with the data collection application system to provide real-time online information in order to monitor for example, exposure agent and oxygen levels remotely.

This incident was discussed at the August 11th IACUC meeting and accepted the remediation actions taken. In accordance with University procedure, this incident will be reported to the appropriate NIH Institute/Center. If you have questions regarding this report, please contact

(b) (6)

Sincerely,

(b) (6)

Pamela S. Caudill
Institutional Official
Senior Associate Provost for Research Administration

Cc:

(b) (6)

Gary Cline, IACUC Chair, Yale University
James Macy, Attending Veterinarian, Yale University

(b) (6)

Wolff, Axel (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Friday, October 22, 2021 7:38 AM
To: (b) (6)
Cc: OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: A Final Report from Pamela Caudill of Yale University dated October 21, 2021

Thank you for this report, (b) (6) We will send a response soon.

Axel Wolff, M.S., D.V.M.
Deputy Director, OLAW

-----Original Message-----

From: (b) (6)
Sent: Thursday, October 21, 2021 10:08 AM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: Macy, James <james.macy@yale.edu>; (b) (6) Caudill, Pamela
<pamela.caudill@yale.edu>; accredit@AAALAC.org; (b) (6)
Subject: A Final Report from Pamela Caudill of Yale University dated October 21, 2021

Dear Dr. Morse,

I've attached a final report from Pamela Caudill of Yale dated October 21, 2021.

Regards,

(b) (6)