



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

January 24, 2022

Re: Animal Welfare Assurance
A3158-01 [OLAW Case 2B]

Dr. Michael Zwick
Senior Vice President
Rutgers, The State University of New Jersey
33 Knightsbridge Road, 2nd Floor East, (b) (4)
Piscataway, NJ 08854

Dear Dr. Zwick,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your December 22, 2021 letter reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at Rutgers, The State University of New Jersey following up on an initial November 23, 2021 notification by telephone.

According to the information provided, this Office understands that Rutgers, The State University of New Jersey Animal Care and Use Committee (ACUC) determined that instances of noncompliance occurred with respect to: use of unapproved method of euthanasia performed on mice. The final report states a laboratory used dry ice as a source of carbon dioxide for the euthanasia of ~35 mice over a period of several months. In response to the incident, the following actions were taken:

Laboratory members were immediately instructed to stop using the unapproved method of euthanasia and will not use this method again.

The Principal Investigator (PI) was counseled by IACUC Chair.

The lab members responsible for this incident were counseled by the PI.

The PI and laboratory members responsible for this incident were counseled by the IACUC Executive Committee.

After consultation with a veterinarian to determine best method and location to euthanize the mice in this project, it was determined that CO₂ will remain as the method of euthanasia. A compliant CO₂ chamber was installed in room where these animals must be euthanized and an amendment to the IACUC protocol to clarify the euthanasia location was submitted and has been approved. It is understood that a sign outlining the approved process for CO₂ euthanasia has been posted at the CO₂ euthanasia station in the laboratory. Also, a log will be kept for all mice euthanized.

Per the report, all laboratory members will read and understand the IACUC protocols and be aware of their responsibility to follow the protocols. It has been recommended to the PI that the laboratory maintain a log which all laboratory members sign assuring that they have read and understood the IACUC protocols and all relevant IACUC Policies and will follow the protocols and policies.

All laboratory members attended a post-approval monitor training session on regulatory compliance, following protocols and policies, performing proper approved euthanasia, and adhering to carcass disposal requirements.

It is understood that the IACUC reviewed and discussed this matter and unanimously voted to report the incident to OLAW. The committee voted to accept the corrective actions as well. Per the report, the IACUC Office will increase unannounced post-approval monitoring of this laboratory. It is noted that this project is supported by NIH funding.

Based on its assessment of this explanation, OLAW understands that Rutgers, The State University of New Jersey has implemented appropriate measures to correct and prevent recurrences of these problems and is now compliant with provisions of the PHS Policy.

We appreciate being informed of these matters and find no cause for further action by this Office.

Sincerely,

Jacquelyn
T. Tubbs -S

Digitally signed by
Jacquelyn T. Tubbs -S
Date: 2022.01.24
07:40:11 -05'00'

Jacquelyn Tubbs, DVM, DACLAM
Senior Animal Welfare Program Specialist
Division of Compliance Oversight
Office of Laboratory Animal Welfare

cc: IACUC Contact



December 22, 2021

Brent Morse, DVM
Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health
Rockledge 1, Suite 360, MSC 7982
6705 Rockledge Drive
Bethesda, MD 20892-7982

Re: Animal Welfare Assurance Number D16-00098 (A3158-01)

Dear Dr. Morse,

Rutgers, The State University of New Jersey hereby makes the final report for the following incident, reported to OLAW via telephone on November 23, 2021. A laboratory used dry ice as a source of CO₂ for euthanasia of approximately 35 mice over a several months period.

The following actions were taken in response to this incident:

- Laboratory members were immediately instructed to stop using the unapproved method of euthanasia and will not use this method again.
- The PI was counseled by IACUC Chair.
- The lab members responsible for this incident were counseled by the PI.
- The PI and laboratory members responsible for this incident were counseled by the IACUC Executive Committee.
- After consultation with a veterinarian to determine best method and location to euthanize the mice in this project, it was determined that CO₂ will remain as the method of euthanasia. A compliant CO₂ chamber was installed in room where these mice must be euthanized and an amendment to the IACUC protocol to clarify the euthanasia location was submitted and has been approved.
- A sign outlining the approved process for CO₂ euthanasia has been posted at the CO₂ euthanasia station in the laboratory.
- A log will be kept for all mice euthanized. The log will include the date, the method of euthanasia, and the laboratory member performing the euthanasia. This log will be available for review by the IACUC, IACUC Office, and CMR veterinary staff.
- All laboratory members will read and understand the IACUC protocols and be aware of their responsibility to follow the protocols. It has been recommended to the PI that the laboratory maintain a log which all laboratory members sign assuring that they have read and understood the IACUC protocols and all relevant IACUC Policies and will follow the protocols and policies.
- All laboratory members attended a post-approval monitor training session on regulatory compliance, following protocols and policies, performing proper approved euthanasia, and adhering to carcass disposal requirements.
- At its regular meeting on October 20, 2021, the IACUC reviewed and discussed these incidents and unanimously voted to report this matter to OLAW. The IACUC also voted to accept the above noted corrective actions. The IACUC Office will increase unannounced post-approval monitoring of this laboratory.

Please note that these animals were supported by NIH funds.

Please contact me with any questions.

Sincerely,

(b) (6)

Michael E. Zwick, Ph.D.
Institutional Official
Senior Vice President for Research

Ward, Joan (NIH/OD) [E]

From: (b) (6)
Sent: Friday, December 24, 2021 10:03 AM
To: OLAW Division of Compliance Oversight (NIH/OD)
Cc: (b) (6)
Subject: [EXTERNAL] final report for Rutgers Assurance D16-00098 (A3158-01)
Attachments: OLAW_CO2 euthanasia_2021.pdf

Follow Up Flag: Follow up
Flag Status: Completed

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Division of Compliance Oversight,

Attached is a final report for a reportable event under Assurance # D16-00098 (A3158-01).

Please let us know if you have any questions.

Thank you,
(b) (6)

(b) (6)