



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) 402-7065

December 27, 2018

Re: Animal Welfare Assurance
#3348-01 (OLAW Case 2A)

Dr. Thomas F. Murray
Provost and Institutional Official
Creighton University
2500 California Plaza
Omaha, NE 68178

Dear Dr. Murray,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your December 13, 2018 letter reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at Creighton University. This issue was reported to our office by phone on November 27, 2018. According to the information provided, OLAW understands that on November 2nd four mice suffered dermal burns due to a malfunctioning temperature-regulated stage plate during an imaging procedure. The animals were treated for their injuries, including analgesics and were removed from experimental procedures until recovered. The equipment was taken out of service to address the issue. The activity to which the animals were assigned was funded by the PHS.

Corrective actions include verification of temperature before using the repaired unit. Also, a rubber insulating pad will be used between the animal and the stage plate.

The prompt consideration of this matter by Creighton University was consistent with the philosophy of institutional self-regulation. Similarly, the actions taken to resolve the issue and prevent recurrence were appropriate. We appreciate being informed of this matter and find no cause for further action by this office.

Sincerely,

(b) (6)

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

cc: IACUC Contact

Creighton UNIVERSITY

Office of the Provost
Research Compliance

December 13, 2018

Dr. Brent Morse
Office of Laboratory Animal Welfare
National Institutes of Health
Division of Compliance Oversight
6705 Rockledge Drive
RKL1, Suite 1050, MSC 7982
Bethesda, Maryland 20892-7982

Re: Creighton's Institutional Animal Care and Use Committee (IACUC) Animal Incident Report,
Assurance Number A3348-01/D16-00226

Dear Dr. Morse:

Creighton University is submitting a finalized report regarding an animal welfare issue that was initially reported to you via phone on November 26, 2018 by the Research Compliance Auditor.

Background Information/Animal Welfare Issue:

During an imaging procedure conducted on November 2, 2018, 4 mice suffered contact dermal burns due to the malfunction of a temperature-regulated stage plate. The injuries were discovered during the immediate post procedure monitoring time period. Following the discovery of the injuries, the Attending Veterinarian (AV) was immediately consulted and initiated supportive care which included analgesic treatment. The PI voluntarily halted the experimental use of the 4 animals until they were able to fully recover from the injuries. Furthermore, the PI halted the use of the equipment in order to perform diagnostics to identify the issue and correct the malfunction.

Corrective Action Plan Taken:

The following corrective action plan was formulated by a subcommittee of the IACUC and carried out by the PI:

- As stated above the PI voluntarily halted the use of the equipment and performed diagnostics to determine the cause of the malfunction. Additionally, the PI temporarily halted use of the 4 animals from receiving any experimental treatments or imaging until approval was provided by the AV.
- The protocol was modified to include that the temperature of the temperature-regulated stage plate will be verified with an independent digital thermometer. In addition, the protocol was modified to include a rubber insulator that will provide additional padding between the animal and the stage plate.

Reporting:

The following agencies/organizations will be contacted regarding this noncompliance:

- The Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC) will be informed of this noncompliance.
- This research is funded under NIH Grant # R21-ES027666-01A1, Creighton University will follow the NIH guidelines for reporting.

Please feel free to contact Dr. Thomas F. Murray, Provost and Institutional Official, at (b) (6) or Dr. Joseph A. Knezetic, Director of Research Compliance, at (b) (6) if you have any further questions.

Sincerely,

(b) (6)

Thomas F. Murray Ph.D.
Institutional Official and
Provost

(b) (6)

Joseph A. Knezetic, Ph.D.
Director of Research Compliance

CC: IACUC Chair
Animal Resource Facility Director
Research Compliance Office
Sponsored Programs Administration Director

Morse, Brent (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Thursday, December 20, 2018 3:22 PM
To: (b) (6) OLAW Division of Compliance Oversight (NIH/OD)
Cc: Murray, Thomas F; Knezetic, Joseph A; (b) (6)
Subject: RE: Creighton University -- 3 OLAW Reports

Thank you for providing these reports (b) (6) We will send official responses soon.

Best regards, Brent Morse

Brent C. Morse, DVM, DACLAM
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.

From: (b) (6)
Sent: Thursday, December 20, 2018 3:01 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: Murray, Thomas F <tfmurray@creighton.edu>; Knezetic, Joseph A <joek@creighton.edu>; (b) (6)
(b) (6)
Subject: Creighton University -- 3 OLAW Reports

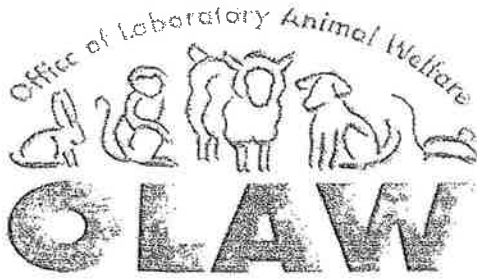
Please find attached 3 separate finalized written reports regarding incidents reported to you via phone November 26, 2018.

Thank You,

(b) (6)

(b) (6)





Initial Report of Noncompliance

By: *BM*Date: *11/27/18*Time: *9:25*

Name of Person reporting: (b) (6)

Telephone #: (b) (6)

Fax #:

Email:

Name of Institution: *Creighton Univ.*Assurance number: *A3348*Did incident involve PHS funded activity? *?*

Funding component: _____

Was funding component contacted (if necessary): _____

What happened? *4 mice w/ dermal burns from malfunctioning stage warming plate. Being treated. Plate repaired; rubber insulating pad used and thermometer to verify temp.*

Species involved: *Mice*

Personnel involved: _____

Dates and times: *11/2/18*

Animal deaths: _____

Projected plan and schedule for correction/prevention (if known): _____

Projected submission to OLAW of final report from Institutional Official: _____

OFFICE USE ONLY

Case # _____