



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

March 7, 2022

Re: Animal Welfare Assurance
A3217-01 [OLAW Case 1I]

Dr. Matthew Hulver
Vice President of Research
Arizona State University
300 University Drive, (b) (4)
Tempe, AZ 85287-6111

Dear Dr. Hulver,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your March 4, 2022 letter reporting an adverse animal event at Arizona State University, following up on an initial report on February 7, 2022. According to the information provided, OLAW understands that a lizard died in an oxygen chamber after a supply hose became kinked.

The corrective actions consisted of the laboratory staff checking the tubing repeatedly while the experiment is underway, labeling the tubing with bright tape, positioning the chamber set up to isolate the tubing, and using stiffer tubing that is less likely to crimp.

Based on its assessment of this explanation, OLAW understands that measures have been implemented to correct and prevent recurrence of this 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,

(b) (6)

Axel Wolff, M.S., D.V.M.
Deputy Director
Office of Laboratory Animal Welfare

cc: IACUC Chair

March 4, 2022

Brent Morse, DVM
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: Report of Condition Resulting in Animal Death under Animal Welfare Assurance
#DIG-00136

Research Facility: LSC
Species: Lizards
Principal Investigator: Michael Angilletta
Funding Source: Unfunded
Incident: Conditions that jeopardize the health or well-being of animals, including natural disasters, accidents, and mechanical failures, resulting in actual harm or death to animals

On February 2, 2022, the IACUC administration office received the Principal Investigator's Final Review report for Protocol 19-1718R entitled "Understanding the role of thermoregulation in shaping life history variation". In the report the PI reported, "We did have one lizard die unexpectedly while collecting respirometry data in 2021. This was due to an issue with our setup and an oxygen channel being blocked."

A preliminary report was sent to OLAW via email on February 2, 2022.

Corrective Action:

The Chair met with the Principal Investigator (PI) on February 14, 2022, to discuss this matter.

The Principal Investigator (PI) provided the following information to the IACUC Chair:

The research study was being performed in the PI's laboratory in LSC. The specific cause or action that allowed the oxygen supply tube to become crimped was not identified; rather, the lab member later saw an indentation in the tubing and drew the conclusion that the tubing had crimped. This had not happened at any time during prior experiments with the same procedures and equipment, and there were no other chambers in use at the time this happened. To prevent this problem from happening again, the lab has incorporated four changes: 1) the tubing is visualized every few minutes during the measurement time frame; 2) the tubing has been labeled with bright tape to make it simple to determine the exact tubing to

check; 3) the equipment in the setup has been rearranged to achieve greater isolation for the tubing, and 4) the tubing in use will be a less flexible tubing that would be difficult to crimp.

The Chair informed the committee of the animal death at the February 25, 2022, fully convened meeting. The Chair explained that the death was due to a blocked oxygen tube and reported the steps the research team has taken to prevent a recurrence. The committee acknowledged this information and believed no additional action is required at this time.

Please let us know if you have any questions.

(b) (6)

Karen Kibler, PhD Chair, IACUC
Assistant Research Professor

Karen.Kibler@asu.edu

(b) (6)

Matthew Hulver, Ph.D.
Institutional Official, Vice President

Matthew.Hulver@asu.edu

Wolff, Axel (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Friday, March 4, 2022 7:07 AM
To: (b) (6)
Cc: OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: Preliminary Report under Assurance D16-00136 (Arizona State University)

Thank you for this report. We will send a response soon.
Axel Wolff

From: (b) (6)
Sent: Thursday, March 3, 2022 4:24 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>; (b) (6)
Cc: IACUC@asu.edu; Karen Kibler <Karen.Kibler@asu.edu>; Matthew Hulver <Matthew.Hulver@asu.edu>
Subject: [EXTERNAL] RE: Preliminary Report under Assurance D16-00136 (Arizona State University)

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.

Good afternoon,

Attached you will find the final report for the unexpected death of a lizard, which was initially reported to OLAW on 2/7/2022.

If you have any questions, please let us know.

Thank you,

(b) (6)

From: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Sent: Wednesday, February 9, 2022 5:32 AM
To: (b) (6)
Cc: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Subject: RE: Preliminary Report under Assurance D16-00136 (Arizona State University)

Thank you for this preliminary report, (b) (6) We will open a new case file and look forward to receiving the final report from the IO after the IACUC has completed its investigation. Please include the source of funding and grant number.

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

From: [REDACTED] (b) (6)
Sent: Monday, February 7, 2022 5:52 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: Matthew Hulver <Matthew.Hulver@asu.edu>; Karen Kibler <Karen.Kibler@asu.edu>; [REDACTED] (b) (6)
(b) (6) IACUC@asu.edu <IACUC@asu.edu> <IACUC@asu.edu> <IACUC@asu.edu>
Subject: [EXTERNAL] Preliminary Report under Assurance D16-00136 (Arizona State University)

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Good Afternoon,

On behalf of the ASU IACUC, I am submitting a preliminary report of an unexpected death of a lizard during the collection of respirometry data. The IACUC is investigating this matter and a follow up message with a final report will be provided when the inquiry is complete.

If you have any questions, please contact me.

Thank you,

[REDACTED] (b) (6)

This message may contain information that is privileged, confidential and exempt from disclosure under applicable law. Please do not copy or forward this message without permission. If you are not the intended recipient, please delete all copies and notify me immediately by reply e-mail or by telephone (480) 965-6792 so we may correct our records

Wolff, Axel (NIH/OD) [E]

A3217-1I

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Wednesday, February 9, 2022 7:32 AM
To: (b) (6)
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(b) (6) IACUC@asu.edu <IACUCasu.edu@mainex1.asu.edu>
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