



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

November 22, 2019

Re: Animal Welfare Assurance
A3229-01 [OLAW Case M]

Dr. Irem Turner
Vice President for Research and
Institutional Official
Oregon State University – Corvallis
(b) (4) Kerr Administration Building
Corvallis, Oregon 97331-2140

Dear Dr. Turner,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your November 21, 2019 letter reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at Oregon State University, following up on an initial telephone report on November 20, 2019. According to the information provided, OLAW understands that MS-222 was used to immobilize larval zebrafish although use of this agent had not been described in the approved protocol. The study was supported by NSF grants 1762245 and 1935028.

The corrective actions consisted of stopping use of the agent until a protocol amendment has been approved, amending the protocol to add the agent, and counseling the laboratory staff.

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

Sincerely,

(b) (6)

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

cc: IACUC Chair
IACUC Administrator
Floh Thiels, NSF

November 21, 2019

Axel Wolff, MS, DVM
Deputy Director
Office of Laboratory Animal Welfare
National Institutes of Health

Dear Dr. Wolff:

In accordance with our Animal Welfare Assurance D16-00145 (A3229-01), we provide this report of noncompliance regarding use of MS-222 immobilization in zebrafish larvae for activities described in the NSF awards 1762245 and 1935028. This incident was first reported to Dr. Axel Wolff, OLAW, on November 20, 2019 via a telephone call by the IACUC administrator.

On September 10, 2019, an IACUC inspection team learned of a potential protocol non-compliance during inspection of an investigator's laboratory. A member of the laboratory described use of MS-222 to immobilize larval zebrafish (120 hours post-fertilization) for imaging; however, such use of MS-222 was not indicated in the approved protocol. On September 27, 2019, the PI submitted an incident report acknowledging the discrepancy with MS-222 use and also included an amendment to add use of MS-222 for immobilization purposes. In the report, the PI indicated halting use of MS-222 until protocol amendment approval and that the protocol will be reviewed with laboratory staff.

The amendment to add use of MS-222 for immobilization was approved on October 28, 2019. At the November 13, 2019 IACUC meeting, the committee reviewed the incident and actions taken by the PI to address this issue. Following review, the IACUC voted to close the incident report.

Our institution is committed to protecting the welfare of animals used in our Program and appreciates the guidance and assistance provided by OLAW in this regard. Should you have any questions regarding this report, please contact (b) (6) the IACUC Administrator.

Thank you for your consideration of this matter.

Sincerely,

DocuSigned by:
(b) (6)
11/21/2019 | 17:28:35 PST
266BD680B5B84CA...

Irem Tumer, Ph.D.
Vice President for Research and Institutional Official
Oregon State University

Wolff, Axel (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Friday, November 22, 2019 1:28 PM
To: Animal Program Office
Cc: OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: Noncompliance report for A3229-01 (D16-00145)

Thank you for this report, (b) (6) I will send a reply shortly.

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

From: Animal Program Office <APOffice@oregonstate.edu>
Sent: Friday, November 22, 2019 1:20 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: Wolff, Axel (NIH/OD) [E] <wolffa@od.nih.gov>; Tumer, Irem <Irem.Tumer@oregonstate.edu>; (b) (6)
(b) (6)
Subject: Noncompliance report for A3229-01 (D16-00145)

Hello,

Please find attached a report of noncompliance. If there are any questions or if additional information is required, please contact APOffice@oregonstate.edu or call (b) (6)

Thank you for your time,

(b) (6)



Initial Report of Noncompliance

By: aw

Date: 11/20/19

Time: 11:00

Name of Person reporting: (b) (6)

Telephone #: (b) (6)

Fax #:

Email:

Name of Institution: Oregon State U

Assurance number: A3229

Did incident involve PHS funded activity? NSF

Funding component: _____

Was funding component contacted (if necessary): _____

What happened?

During semi IACUC found use of MS222 but not on protocol

Species involved: Zebrafish

Personnel involved:

Dates and times:

Animal deaths:

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

Amend protocol

Projected submission to OLAW of final report from Institutional Official:

OFFICE USE ONLY

Case # _____