



DEPARTMENT OF HEALTH & HUMAN SERVICES  
HEALTH

PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF

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

August 6, 2021

Re: Animal Welfare Assurance  
#A3456-01 [OLAW Case 9V]  
UMN IACUC #38514A

Dr. Michael J. Oakes  
Interim Vice President for Research  
Institutional Official  
University of Minnesota  
(b) (4) Johnston Hall - 101 Pleasant St., SE  
Minneapolis, MN 55455

Dear Dr. Oakes,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your July 22, 2021 letter in response to OLAW's July 13, 2021 request for information regarding an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at the University of Minnesota. According to the information provided, OLAW understands that no health interventions were required, and no animal welfare concerns occurred due to the noncompliance.

OLAW appreciates the prompt consideration of this matter by University of Minnesota which is consistent with the philosophy of institutional self-regulation. Based on the information provided, OLAW is satisfied that appropriate steps have been taken to investigate this incident and to attempt to prevent recurrence. OLAW expects continuing post-approval monitoring to prevent recurrence of this non-compliance and potential associated animal welfare concerns. We appreciate being informed of this matter and please contact us with any further questions or concerns.

Sincerely,

Nicole L. Lukovsky-  
akhsanov -S

Digitally signed by Nicole  
L. Lukovsky-akhsanov -S  
Date: 2021.08.06 13:46:22  
-04'00'

Nicole Lukovsky-Akhsanov, DVM, MPH, DACLAM  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

CC: IACUC contact

# UNIVERSITY OF MINNESOTA

**Twin Cities Campus**

*Institutional Animal Care and Use Committee (IACUC)*

Mayo Mail Code 79  
D-528 Mayo Memorial Building  
420 Delaware St. SE  
Minneapolis, MN 55455  
Phone: 612-626-2126  
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[iacuc@umn.edu](mailto:iacuc@umn.edu)  
[www.research.umn.edu/iacuc](http://www.research.umn.edu/iacuc)

July 22, 2021

TO: Axel Wolff, DVM  
Office of Laboratory Animal Welfare  
National Institutes of Health  
RKL1, Suite 360, MSC 7982  
6705 Rockledge Drive  
Bethesda, MD 20892-7982

RE: University of Minnesota Animal Care Program D16-00288 (A-3456-01)  
NIH Grant Number: R01 AI124512  
UMN IACUC #38514A

Dear Dr. Wolff,

Thank you for your response to our report of non-compliance of an IACUC approved, NIH funded study involving mice (UMN IACUC #38514A). We understand that you are requesting the following additional information:

- Please provide information regarding any direct animal welfare concerns related to the noncompliance including any required interventions to ensure animal health.

In response, there were no direct animal welfare concerns related to the noncompliance and no health interventions were required.

Sincerely,

(b) (6)

J. Michael Oakes, Ph.D.  
Interim Vice President for Research  
Institutional Official, University of Minnesota  
101 Pleasant Street, S.E.  
Minneapolis, MN 55455

CC: Richard Bianco, Chair, IACUC  
Lynn Collura Impelluso, Institutional Veterinarian



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July 13, 2021

Re: Animal Welfare Assurance  
#A3456-01 [OLAW Case 9V]  
UMN IACUC #38514A

Dr. Michael J. Oakes  
Interim Vice President for Research  
Institutional Official  
University of Minnesota  
(b) (4) Johnston Hall - 101 Pleasant St., SE  
Minneapolis, MN 5545

Dear Dr. Oakes

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your June 15, 2021 letter reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at the University of Minnesota. According to the information provided, OLAW understands that during a post-approval monitoring inspection the use of expired anesthesia occurred in 70 mice from January 2021 to present. This study was supported by PHS funding.

As a corrective measure, the principal investigator (PI) stated the expired anesthetic was discontinued immediately and the laboratory purchased a new bottle for use. A lab calendar has a scheduled reminder every six months to check expiration dates for all chemical used in animals.

OLAW appreciates the prompt consideration of this matter by University of Minnesota which is consistent with the philosophy of institutional self-regulation. Based on the information provided, OLAW requests the following information:

- Please provide information regarding any direct animal welfare concerns related to the noncompliance including any required interventions to ensure animal health.

We look forward to your responses to the additional information request by **August 13, 2021**. We appreciate being informed of this matter and please contact us with any further questions or concerns.

Sincerely,

Nicole L. Lukovsky-  
akhsanov -S

Digitally signed by Nicole L.  
Lukovsky-akhsanov -S  
Date: 2021.07.13 14:50:03  
-04'00'

Nicole Lukovsky-Akhsanov, DVM, MPH, DACLAM  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

CC: IACUC contact

A3456-9V

# UNIVERSITY OF MINNESOTA

**Twin Cities Campus**

*Institutional Animal Care and Use Committee (IACUC)*

Mayo Mail Code 79  
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[www.research.umn.edu/iacuc](http://www.research.umn.edu/iacuc)

June 15, 2021

TO: Axel Wolff, DVM  
Office of Laboratory Animal Welfare  
National Institutes of Health  
RKL1, Suite 360, MSC 7982  
6705 Rockledge Drive  
Bethesda, MD 20892-7982

RE: University of Minnesota Animal Care Program D16-00288 (A-3456-01)  
NIH Grant#: R01 AI124512  
UMN IACUC #38514A

Dear Dr. Wolff,

In keeping with the terms of our assurance, please be informed that we are making a report of non-compliance of an IACUC approved, NIH funded study involving mice. The basis of this report results from a post approval monitoring inspection. The report outlined the use of expired anesthetic in research animals which occurred from January 2021 to present involving 70 mice.

We want to inform you that we consider this matter closed. A response was received from the PI stating that use of the expired anesthetic was discontinued immediately and the laboratory has purchased a new bottle of anesthetic for subsequent experiments (expiration September 2025). Additionally, a recurring lab calendar reminder has been scheduled for every six months to check expiration dates for all chemicals used in animals.

Sincerely,

(b) (6)

J. Michael Oakes, Ph.D.  
Interim Vice President for Research  
Institutional Official, University of Minnesota  
101 Pleasant Street, S.E.  
Minneapolis, MN 55455

CC: Richard Bianco, Chair, IACUC  
Lynn Collura Impelluso, Institutional Veterinarian

## Wolff, Axel (NIH/OD) [E]

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**From:** OLAW Division of Compliance Oversight (NIH/OD)  
**Sent:** Wednesday, June 16, 2021 9:42 AM  
**To:** (b) (6)  
**Cc:** OLAW Division of Compliance Oversight (NIH/OD)  
**Subject:** RE: Report of Non-compliance

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

**From:** (b) (6)  
**Sent:** Wednesday, June 16, 2021 9:16 AM  
**To:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Cc:** Lynn Impelluso <impell@umn.edu>; Richard Bianco <bianc001@umn.edu>; Michael Oakes <oakes007@umn.edu>  
**Subject:** Report of Non-compliance

Dear Dr. Wolff,  
On behalf of Interim Vice President Oakes, attached please find a report of non-compliance.  
Please let me know if you have any questions.  
Thank you,

(b) (6)

