



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) 402-7065

July 2, 2019

Re: Animal Welfare Assurance  
#A3456-01 [OLAW Case 8L]  
UMN IACUC #34178A

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

Dear Dr. Cramer,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your July 1, 2019 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 forty mice were subjected to multiple facial vein bleeding procedures which had not been approved on the protocol.

The corrective actions consisted of amending the protocol and retraining staff on the requirement for following the protocol.

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.

Sincerely,

(b) (6)

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

cc: IACUC Chair

A3456-8L

# UNIVERSITY OF MINNESOTA

**Twin Cities Campus**

*Institutional Animal Care and Use Committee (IACUC)*

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420 Delaware St. SE  
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July 1, 2019

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 CA232317  
UMN IACUC #34178A

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 that forty mice had undergone multiple facial vein bleeding procedures that were not outlined in the approved protocol. This deviation of protocol occurred between the dates of March 18, 2019 through May 20, 2019.

We want to inform you that we consider this matter closed. An amendment was submitted to the IACUC for review and approval for bleeding of animals under this study. Further, staff were retrained as to approved procedures in their protocol.

Sincerely,

(b) (6)



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

CC: Brian Crooker, Chair, IACUC  
Christine Sivula, Interim Institutional Veterinarian

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

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**From:** OLAW Division of Compliance Oversight (NIH/OD)  
**Sent:** Monday, July 1, 2019 1:09 PM  
**To:** (b) (6)  
**Cc:** OLAW Division of Compliance Oversight (NIH/OD)  
**Subject:** RE: Report of Non-Compliance

Thank you for this report, (b) (6) We will respond soon.

Axel Wolff

**From:** (b) (6)  
**Sent:** Monday, July 1, 2019 12:18 PM  
**To:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Cc:** Brian Crooker <crook001@umn.edu>; Christine Sivula <sivu0003@umn.edu>  
**Subject:** Report of Non-Compliance

Dear Dr. Wolff,

Attached please find a report of non-compliance.

Thank you,

(b) (6)

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(b) (6)