



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

January 26, 2024

Re: Animal Welfare Assurance  
A3208-01 [OLAW Case 1N]

Daniel Sui, Ph.D.  
Vice President for Research and Innovation  
Virginia Polytechnic Institute and State University  
800 Drillfield Drive,  
Burruss Hall, (b) (4)  
Blacksburg, VA 24061

Dear Dr. Sui,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your letter dated January 22, 2024, reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at Virginia Tech University. Your letter supplements the information in the preliminary telephone report on January 12, 2024. According to the information provided, OLAW understands that on or about November 6, 2023, it was determined that protocol non-compliance occurred with inconsistencies in planned timelines and monitoring parameters, and procedures planned to be performed on pigs that were not fully congruent with the approved protocol. The funding source for these animals is via the NIH. The PI has been informed that they must cooperate with their grant administrator to determine if any funding related actions must be taken.

Corrective and preventive actions included: The submission and subsequent IACUC approval of amendments to bring the protocol back into compliance. In addition, the IACUC placed further protocol prerequisites that are to be satisfied by the PI prior to approval for additional animals for the next six cohorts of animals.

Based on the information provided, OLAW is satisfied that appropriate actions have been taken to investigate this incident, provide corrective measures, and prevent recurrence. OLAW concurs that the incident warranted reporting. We appreciate being informed of this matter and find no cause for further action by this office.

Sincerely,

**Brent C. Morse -S**

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

Digitally signed by Brent C.  
Morse -S  
Date: 2024.01.26 19:09:13  
-05'00'

cc: IACUC contact

Dr. Anna Bagwell, Acting Director of  
Animal Welfare Operations for Animal Care, USDA APHIS



RESEARCH AND INNOVATION  
VIRGINIA TECH

A3208-IN

Daniel Sui  
Senior Vice President for Research and Innovation  
Burruss Hall, (b) (4)  
800 Driftfield Drive  
Blacksburg, Virginia 24061  
(b) (6)  
research.vt.edu

January 22, 2024

Axel Wolff, DVM  
Acting Director, Divisions of Compliance Oversight  
Office of Laboratory Animal Welfare  
National Institutes of Health  
Rockledge 1, Suite 360  
6705 Rockledge Drive  
Bethesda, MD 20892

Final report for Virginia Tech [Assurance #A-3208-01]

Dear Dr. Wolff:

Virginia Tech, in accordance with Assurance A-3208-01 and PHS Policy IV.F.3., provides this report of animal-related activities that were determined to be potentially non-compliant with the associated IACUC-approved protocol. This animal research study involves pigs.


This incident was first reported to Teagan Ware, Animal Welfare Program Analyst, OLAW, on January 12, 2024 via a telephone call led by (b) (6)

On or about November 6, 2023, it was observed that the PI's planned activities on the protocol were not fully consistent with the approved protocol. The IACUC was convened to review and discuss the facts, circumstances, and potential non-compliances with the approved protocol. There were no animal health or welfare concerns or impacts associated with the potential protocol noncompliance.

After discussion, the IACUC determined that a Minor Protocol Non-Compliance occurred due to inconsistencies in planned timelines and monitoring parameters, and procedures planned to be performed that were not fully congruent with the approved protocol. To address the situation, corrective actions were taken including the submission of amendments to bring the protocol back into compliance, and those amendments were approved by the IACUC.

In addition, protocol review prerequisites were established by the IACUC that are to be satisfied by the PI prior to approval for additional animals. The procedural corrective actions were determined by the IACUC as appropriate to reduce the potential for the PI to become noncompliant with the approved protocol and are to remain in place for minimally the next six scheduled cohorts of animals.

The funding source for these animals is via the NIH, through University of Maryland Baltimore (Federal Award #: 3000533, REQUEST: 0494). Per PHS requirement, the PI has been informed that they must cooperate with their grant administrator to determine if any funding related actions must be taken.

Virginia Tech is committed to protecting the welfare of animals used in research and appreciates the guidance and assistance provided by OLAW in this regard. Should you have any questions regarding this report, please contact  (b) (6)

Thank you for your consideration of this matter.

Sincerely,

 (b) (6)

Dr. Daniel Sui  
Senior Vice President for Research and Innovation  
Institutional Official  
Virginia Tech

**Ware, Teagan (NIH/OD) [E]**

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**From:** OLAW Division of Compliance Oversight (NIH/OD)  
**Sent:** Monday, January 22, 2024 9:12 AM  
**To:** 'iacucpam'  
**Cc:** (b) (6) OLAW Division of Compliance Oversight (NIH/OD)  
**Subject:** RE: Final Report

Good morning,

Thank you for providing this final report to OLAW. We will send an official response soon.

Best,  
Teagan

Teagan Ware, MS, PMP  
Animal Welfare Program Analyst  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare  
National Institutes of Health

Phone: 301-435-2390  
Email: [teagan.ware@nih.gov](mailto:teagan.ware@nih.gov)

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**From:** iacucpam <iacucpam@vt.edu>  
**Sent:** Monday, January 22, 2024 8:43 AM  
**To:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Cc:** (b) (6) iacucpam <iacucpam@vt.edu>  
**Subject:** [EXTERNAL] Final Report

Hello Dr. Wolff,

Please find the final report attached from our IO. Please confirm receipt.

Thank you,

(b) (6)



A3208-1N



### Initial Report of Noncompliance

By: TDW

Date: 1/12/2024 Time: 9:00 AM

Name of Person reporting: (b) (6)  
Telephone #: (b) (6)  
Fax #:  
Email:

Name of Institution: Virginia Tech  
Assurance number: A3268-01

Did incident involve PHS funded activity?   
Funding component: \_\_\_\_\_  
Was funding component contacted (if necessary): \_\_\_\_\_

What happened? Animals transferred to another protocol, which was not allowed on either the protocol transferring from or receiving the animals. No animal welfare issues

Species involved: pigs  
Personnel involved:  
Dates and times:  
Animal deaths: None

Projected plan and schedule for correction/prevention (if known): \_\_\_\_\_  
Amend protocols

Projected submission to OLAW of final report from Institutional Official:  
< 60-90 days

OFFICE USE ONLY  
Case # \_\_\_\_\_