



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

Office of Laboratory Animal Welfare
Bethesda, Maryland 20892

Telephone: (301) 496-7163
Home Page: <https://olaw.nih.gov>

January 16, 2026

Re: Animal Welfare Assurance
A3012-01 [OLAW Case 10]

Kenneth J. Fridley, Ph.D.
Vice President for Research & Economic Development
Eastern Virginia Medical School
735 Fairfax Avenue
Waitzer Hall, (b) (4)
Norfolk, VA 23507

Dear Dr. Fridley,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your December 12, 2025, letter reporting an instance of noncompliance with the PHS Policy on Humane Care and Use of Laboratory Animals at the Eastern Virginia Medical School. This letter had not been preceded by a preliminary report to OLAW.

According to the information provided, this Office understands that the Eastern Virginia Medical School Institutional Animal Care and Use Committee (IACUC) determined that instances of noncompliance occurred with respect to conditions that jeopardized the health/well-being of animals resulting in harm to animals. The final report states on November 16, 2025, two rhesus macaques (socially paired) were discovered outside of their cage, however, they remained in the animal holding room. It is understood the animals were returned to their cage without incident and were assessed by the veterinarian.

One macaque sustained bite wounds to its right hand, and the animal received treatment for its injuries (including an analgesic). The following day, the animal was sedated again for protocol-related procedures, and a swelling of the right carpus was identified. Additional diagnostic testing revealed a possible avulsion fracture of the ulna. In response, the treatment plan was adjusted and included meloxicam, buprenorphine XR, Clavamox, and the animal was separated from its cage mate during the recovery period. It is stated the macaque was observed using the injured hand by staff on November 23, 2025, and follow up radiographs confirmed the presence of the fracture, which resulted in placement of a cast on the affected area. It is also stated the animal remained under veterinary care and monitoring during its convalescence. Per the report, the macaque fully recovered from its injuries and has full functionality and movement of its hand and has been returned to pair housing.

In response to the incident, the following corrective measures were implemented by the Division of Comparative Medicine (CompMed):

- CompMed staff were retrained on how to inspect primary enclosures to ensure that latches and locks work properly.
- Following routine husbandry activities, a veterinary technician checks each non-human primate animal holding room to ensure that the animals and the primary enclosures are not compromised.

Based on its assessment of this explanation, OLAW understands that the Eastern Virginia Medical School has implemented appropriate measures to correct and prevent recurrences of these problems and is now compliant with provisions of the PHS Policy.

We appreciate being informed of these matters and find no cause for further action by this Office.

Sincerely,

**JACQUELYN
T. TUBBS -S**

Digitally signed by
JACQUELYN T. TUBBS -S
Date: 2026.01.16
10:00:09 -05'00'

Jacquelyn Tubbs, DVM, DACLAM
Acting Director
Division of Compliance Oversight
Office of Laboratory Animal Welfare

cc: IACUC Contact

(b) (6)



December 12, 2025

Jacquelyn T. Tubbs, D.V.M., DACLAM
Acting Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare (OLAW)
National Institutes of Health (NIH)
6700B Rockledge Drive
Suite 2500, MSC 6910
Bethesda, MD 20892

Dear Dr. Tubbs:

RE: Adverse Event Report
Macon & Joan Brock Virginia Health Sciences at Old Dominion University (VHS), Norfolk, Virginia
Animal Welfare Assurance Number D16-00007

An adverse event related to the IACUC-approved protocol, entitled "Pharmacokinetic, Pharmacodynamic and Safety Evaluations of Biomedical Prevention and/or Treatment Products," which is supported by NIH Grant 6R33AI142685-06, was reported by the Attending Veterinarian (AV) with supporting information provided by the Principal Investigator (PI). The VHS Institutional Animal Care and Use Committee (IACUC) reviewed the report at its December 4, 2025, meeting.

For approximately 2 hours on November 16, 2025, two socially paired rhesus macaques were out of their primary enclosure (cage), but remained within the secondary enclosure (the animal holding room) and the central animal facility. The animals did not pose a threat to the public and were returned to their cage without incident. A veterinarian conducted an immediate cage side assessment of the animals and found that one animal was injured with several bite wounds present on its right hand. The animal was sedated for evaluation, the wounds were cleaned and treated with topical antibiotics, and the animal was administered anti-inflammatory medication for pain relief. The next day, when the animal was sedated for study-related blood collections, evaluation revealed swelling over the medial aspect of the right carpus. Palpation of the carpus was unremarkable. Radiographs of the right carpus and hand revealed a possible small avulsion fracture of the medial styloid of the ulna, along with dislocation of several carpal bones on the right limb. Per standard protocol, immediate casting of the right carpus was delayed temporarily due to the swelling and the need to regularly treat the bite wounds. The treatment regimen included administration of Meloxicam (anti-inflammatory) to reduce swelling, Buprenorphine XR for pain relief, and Clavamox (oral antibiotic) twice a day for 15 days. The injured animal was separated from its cage mate to facilitate the healing process. On November 23, 2025, staff observed the animal using its right hand to balance and to climb. During sedation for study-related blood collections, the veterinarian re-assessed the right carpus and hand and observed that swelling had decreased noticeably, and the bite wounds were healing progressively. Follow-up radiographs of the right carpus and hand confirmed an avulsion fracture, and no other abnormalities were observed. The right carpus was placed in a fiberglass cast to stabilize the joint and allow for additional healing. As of December 4, 2025, the animal remained singly housed, and the AV, along with animal care staff, continued to conduct daily observations for significant changes to the right carpus and hand. No apparent impediment to movement or use of the right limb was observed to date. The reported injuries were not study-related. The veterinarian deemed them minor and determined that they did not present a serious threat to the animal's life or limb. At the



writing of this report, the bite wounds have healed, the cast has been removed, the animal's right limb shows normal functionality and movement, and the animal is pair housed with its cage mate and thriving.

The following corrective actions have been implemented by the Division of Comparative Medicine (CompMed) animal facility:

- CompMed staff were re-trained on how to inspect primary enclosures to ensure that latches and locks work properly.
- After routine husbandry activities, a veterinary technician checks each non-human primate (NHP) animal holding room to ensure that the animals and the primary enclosures are not compromised.

The IACUC considers this an isolated incident that is not indicative of serious or continuing noncompliance. The corrective action plan was accepted as an appropriate and effective means of preventing a recurrence to the extent possible.

VHS is committed to ensuring the humane care and use of animals involved in its animal care and use program and to maintaining compliance with PHS Policy.

Please do not hesitate to follow up should you have questions and/or concerns regarding this matter.

Sincerely,

**Kenneth
Fridley**

Digitally signed by
Kenneth Fridley
Date: 2025.12.18
10:02:24 -05'00'

Kenneth J. Fridley, Ph.D.
Vice President for Research & Economic Development
Institutional Official
Old Dominion University
kfridley@odu.edu

David Mu

Digitally signed by David
Mu
Date: 2025.12.18
00:07:35 -05'00'

David Mu, Ph.D.
Associate Dean for Research Administration
OLAW Assurance Official
Macon & Joan Brock Virginia Health Sciences at Old Dominion University
mud@odu.edu

KJF/DM/ (b)

cc: Principal Investigator
IACUC Chair
AAALAC International

Ware, Teagan (NIH/OD) [E]

From: Tubbs, Jacquelyn (NIH/OD) [E]
Sent: Friday, December 19, 2025 9:05 AM
To: (b) (6); OLAW Division of Compliance Oversight (NIH/OD)
Cc: Fridley, Kenneth J.; Mu, David; (b) (6) accredit@aaalac.org
Subject: RE: REPORTABLE INCIDENT; PHS Assurance Number D16-00007; Macon & Joan Brock VHS @ ODU

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,

Thank you for the report. We will send a response soon.

Disclaimer: Please note that this message and any of its attachments are intended for the named recipient(s) only and may contain confidential, protected or privileged information that should not be distributed to unauthorized individuals. If you have received this message in error, please contact the sender.

Sincerely,

Jacquelyn Tubbs, DVM, DACLAM
Acting Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health
Jacquelyn.tubbs@nih.gov

From: (b) (6)
Sent: Thursday, December 18, 2025 5:02 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: Tubbs, Jacquelyn (NIH/OD) [E] <jacquelyn.tubbs@nih.gov>; Fridley, Kenneth J. <kfridley@odu.edu>; Mu, David <mud@odu.edu>; (b) (6); accredit@aaalac.org
Subject: [EXTERNAL] REPORTABLE INCIDENT; PHS Assurance Number D16-00007; Macon & Joan Brock VHS @ ODU

Dear Dr. Tubbs:

RE: Reportable Incident
Macon & Joan Brock Virginia Health Sciences at Old Dominion University (VHS), Norfolk, VA
Animal Welfare Assurance Number D16-00007

The attached report is sent on behalf of the Macon & Joan Brock Virginia Health Sciences at Old Dominion University (VHS), Kenneth J. Fridley, Ph.D., ODU Institutional Official and David Mu, Ph.D., VHS OLAW Assurance Official. The Principal Investigator is aware of the report and will be provided a copy of the fully executed document under separate cover.

Please feel free to contact me should you have any questions and/or concerns regarding this matter.

Kindest regards,

(b) (6)

