

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

December 2, 2019

Re: Animal Welfare Assurance A3114-01 [OLAW Case 4J]

Dr. Rebecca Cunningham
Vice President for Research and
Institutional Official
University of Michigan

(b) (4) Victor Vaughan Building
1111 Catherine Street
Ann Arbor, MI 48109-2054

Dear Dr. Cunningham,

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 the University of Michigan. According to the information provided, OLAW understands that a non-pharmaceutical mixture of two anesthetics had been used on rodents. No adverse effects were observed in the animals.

The corrective actions consisted of counseling the investigator to use a pharmaceutical grade anesthetic agent in the animals. The incident was reported to the Food and Drug Administration.

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. In future reports please specifically identify the species involved. Thank you for keeping OLAW apprised on this matter.

Sincerely,

(b) (6)

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

cc: IACUC Chair

Director Animal Care and Use Office

A3114-4J

Date: November 21, 2019

Axel Wolff, M.S., D.V.M.
Office of Laboratory Animal Welfare
National Institutes of Health
RKL1, Suite 360, MSC 7982
6705 Rockledge Drive
Bethesda, MD 20892-7982

Dear Dr. Wolff:

The University of Michigan (U-M), in accordance with Assurance D16-00072 and the Public Health Service Policy on Humane Care and Use of Laboratory Animals (PHS Policy) provides this report to OLAW. This matter was discussed by the U-M IACUC on Monday, October 21, 2019.

A Principal Investigator requested a veterinary consultation after switching from isoflurane to Ketamine and Xylazine. During this consultation, it was discovered that a solution of Ketamine hydrochloride and Xylazine hydrochloride was commercially available for use in laboratory rodents. However, the veterinarian discovered the product was not pharmaceutical grade. Based on the conversation, a dilution of the product performed as expected in animal studies. The concern was immediately resolved by the IACUC.

In accordance with the expectation, the IACUC investigated the finding as an allegation of noncompliance. The committee agreed that given the circumstances the following actions would appropriately mitigate the problem.

- The veterinary team, on behalf of the IACUC, notified the rodent researcher community that a non-pharmaceutical Ketamine/Xylazine solution was commercially available, but reminded the researchers that since the product is a non-pharmaceutical grade that it could not be used in animal activities; and
- 2. The U-M Deputy Attending Veterinarian communicated the concern to the Office of Minor Use and Minor Species, Animal Drug Development of the Food and Drug Administration (FDA). The FDA referred the report to the Office of Surveillance and Compliance for further investigation.

Sincerely,

(b) (6)

Kebecca Cunningham, IO and
Interim Vice President for Research

William Greer, Assistant Vice President for Research, the Animal Care and Use

cc: AAALAC International

Morse, Brent (NIH/OD) [E]

From:	OLAW Division of Compliance Oversight (NIH/OD)	
Sent:	Tuesday, November 26, 2019 3:48 PM	
То:	(b) (6) OLAW Division of Complia	
Cc:		ningham, Rebecca
Subject:	RE: Report from #D16-00072	
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	(b) (6)	2 * * =
Thank you for supplying this repo	rt (b) (6) We will send an official resp	oonse soon.
	Best regards, Brent Morse	
Brent C. Morse, DVM, DACLAM Director		
Division of Compliance Oversight		
Office of Laboratory Animal Welfa	are	
National Institutes of Health		
	* ' '	
	d any of its attachments are intended for the ed information that should not be distribute ease contact the sender.	
From:	(b) (6)	
Sent: Monday, November 25, 201		
	Oversight (NIH/OD) <olawdco@od.nih.gov></olawdco@od.nih.gov>	
	Villiam <wggreer@med.umich.edu>;</wggreer@med.umich.edu>	(b) (6)
	Cunningham, Rebecca < stroh@med.umich.e	
Subject: Report from #D16-00072		uu>
Importance: High		
importance. Figh		
Dear Dr. Wolff,		
Dear Dr. wolli,		
As a follow-up to your conversation	on with Bill Greer, attached please find a fina	al report from the University of Michigan.
Please let me know if there are a	ny questions or problems accessing the attac	chment.
Thank you, (b) (6)		*
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