

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

October 7, 2022

Re: Animal Welfare Assurance A3368-01 [OLAW Case 12F]

Dr. Nadine Connor
Associate Vice Chancellor for Research Policy and Compliance
University of Wisconsin - Madison

(b) (4) Bascom Hall - 500 Lincoln Drive
Madison, WI 53706

Dear Dr. Connor,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your September 23, 2022 letter reporting an adverse event involving research rats at the University of Wisconsin- Madison, following up on an initial telephone report on August 31, 2022. According to the information provided, OLAW understands that three rats died unexpectedly while under gas anesthesia for imaging.

The corrective actions consisted of the investigator consulting with a veterinary anesthesiologist who recommended improving thermal support and enhancing the heart rate monitoring during the procedure.

Based on its assessment of this explanation, OLAW understands that measures have been implemented to prevent recurrence of the problem. OLAW concurs with the actions taken by the institution to comply with the PHS Policy on Humane Care and Use of Laboratory Animals. Feel free to update this Office on the outcome of the next procedure using the recommended improvements.

Sincerely,

(b) (6)

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

cc: IACUC Chair



Research Animal Resources and Compliance

September 23, 2022

Dr. Brent Morse, DVM, DACLAM
Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health
RKL1, Suite 360, MSC 7982
6705 Rockledge Drive
Bethesda, MD 20892-7892

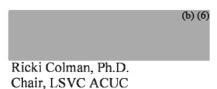
Dear Dr. Morse:

The University of Wisconsin-Madison, in accordance with Assurance A3368-01 and PHS Policy IV.F.3, provides this report of an adverse event first reported to you via telephone by Dr. Janet Welter on August 31, 2022.

In this adverse event, while under isoflurane sedation for PET imaging, three rats developed arrythmias and expired despite elimination of isoflurane in favor of pure oxygen. Following consultation with a veterinary anesthesiologist, preventative actions have been taken. These include improved temperature maintenance during imaging using an IR padbased warming system, improved heart rate monitoring during imaging using a new system that is capable of measuring heart rates up to 900 bpm and plans to maintain rats' heart rate as high as possible while still keeping them unconscious during imaging. The animals involved were supported by PHS funds.

The LSVC ACUC discussed this incident in full committee and determined that the corrective steps taken were appropriate. If you have further questions, please feel free to contact either of us or Dr. Janet Welter.

Sincerely,



(b) (6)

Nadine P. Connor, Ph.D.
Associate Vice Chancellor for Research Policy & Compliance
Institutional Official

xc: (b) (6)
Janet Welter
AAALAC-I

McCoy, Devora (NIH/OD) [E]

From:	(b) (6)		
Sent:	Thursday, September 29, 2022 10:41 AM		
To:	OLAW Division of Compliance Oversight (NIH/OD)		
Cc:	AAALAC International; Nadine Connor; (b) (6) Janet Welter; RICKI COLMAN		
Subject:	[EXTERNAL] Incident Report from Nadine Connor @ UW-Madison		
Attachments:	LSVC.5.24.22.A.pdf; LSVC.5.24.22B.pdf; LSVC.5.24.22.C.pdf		
Follow Up Flag:	Follow up		
Flag Status:	Flagged		
Dr. Morse:			
Please see the attached i	ncident final reports from Nadine Connor @ UW-Madison. Thanks!		
	(b)		

McCoy, Devora (NIH/OD)	[E]	
From: Sent: To: Cc: Subject:	OLAW Division of Compliance Oversight (NIH/OD) Thursday, September 29, 2022 11:15 AM (b) (6) OLAW Division of Compliance Oversight (NIH/OD) RE: Incident Report from Nadine Connor @ UW-Madison	
Good morning (b) (6)		
Thank you for sending us these f	final reports and we will send official responses soon.	
Best, Devora		
Devora McCoy, BS, MBA Program Analyst Division of Compliance Oversigh Office of Laboratory Animal Wel National Institutes of Health 301-435-2390		
Cc: AAALAC International <accre< td=""><td>(b) (6) 2022 10:41 AM e Oversight (NIH/OD) <olawdco@od.nih.gov> dit@AAALAC.org>; Nadine Connor <nadine.connor@wisc.edu>; lanet Welter <welter@rarc.wisc.edu>; port from Nadine Connor @ UW-Madison</welter@rarc.wisc.edu></nadine.connor@wisc.edu></olawdco@od.nih.gov></td><td></td></accre<>	(b) (6) 2022 10:41 AM e Oversight (NIH/OD) <olawdco@od.nih.gov> dit@AAALAC.org>; Nadine Connor <nadine.connor@wisc.edu>; lanet Welter <welter@rarc.wisc.edu>; port from Nadine Connor @ UW-Madison</welter@rarc.wisc.edu></nadine.connor@wisc.edu></olawdco@od.nih.gov>	
Dr. Morse:		
Please see the attached incident	final reports from Nadine Connor @ UW-Madison. Thanks!	
		(b) (6

A3368-12F



Initial Report of Noncompliance

By: BCM

Date: 8/31/2022	Time: 3:30
Person Reporting: Janet Welter, AV Telephone #: Fax #: Email:	15 16
Name of Institution:Univ. of Wisconsin Assurance number:A3368	
Did incident involve PHS funded activity? _ Funding component: Was funding component contacted (if necess	
What happened: Two rats reported as "dying Happened again in June after retraining with	" under anesthesia for imaging in May 2022. vet.
Species involved: Rat Personnel involved: Researcher Dates and times: May/June 2022 Animal deaths:	
Projected plan and schedule for correction/pr	revention (if known):
Projected submission to OLAW of final repo	ort from Institutional Official:
< 60 days	
OFFICE USE ONLY Case #	x