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To: mbroadhurst@altasciences.com
Cc: (b) (6) [Gibbens, Robert - APHIS](#)
Subject: OLAW Case A4261-O
Date: Wednesday, June 12, 2019 8:44:14 AM
Attachments: [2829_001.pdf](#)

Dear Mr. Broadhurst,

Attached please find Dr. Brent Morse's final response to OLAW Case A4261-O.

If you have any questions, feel free to contact us by phone or by e-mail.

Regards,

Joan

*Joan Ward
Program Specialist
Office of Laboratory Animal Welfare
National Institutes of Health
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DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE
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FOR US POSTAL SERVICE DELIVERY:

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Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500
Bethesda, Maryland 20817
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June 10, 2019

Re: Animal Welfare Assurance
#A4261-01 (OLAW Case O)

Mr. Mike Broadhurst
General Manager and Institutional Official
Altasciences Preclinical Seattle, LLC
(formerly SNBL USA)
6605 Merrill Creek Parkway
Everett, WA 98203

Dear Mr. Broadhurst,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your May 30, 2019 letter and attachment containing the report of an adverse event within your animal care and use program that occurred on April 8, 2019. According to the information provided, OLAW understands that an approximately 9.3kg Gottingen minipig died of circulatory failure resulting from cardiac tamponade during a thoracic inlet blood collection procedure. Although the procedure was performed by two experienced technicians, multiple unsuccessful needle insertions were attempted. Necropsy results did not indicate trauma to any tissue or blood vessel in the thoracic inlet region. This animal was supported by PHS (BARDA) funds.

Corrective and preventive actions included the PI immediately suspending blood collection from the thoracic inlet. Blood collections are now collected from a peripheral vein unless it's a terminal collection. The applicable SOP will be updated to: further define and limit the number of blood collection attempts; limit the collection site to the right side of the animal unless it is a terminal collection, and; draw from the cranial vena cava only when necessary or the volume of blood requires collection from the cranial vena cava. The Time Out campaign will be discussed with staff and the acclimation training requirements for swine prior to a thoracic inlet blood collection will be reviewed and revised.

The prompt consideration of this matter by Altasciences was consistent with the philosophy of institutional self-monitoring, self-reporting and self-correction. Similarly, the actions taken to resolve the issue and prevent recurrence were appropriate. We appreciate being informed of this matter and find no cause for further action by this office at this time.

Sincerely,

(b) (6)

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

cc: IACUC Contact
Dr. Robert M. Gibbens, USDA, APHIS, AC
Bai Nguyen (OS/BARDA)

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