



## Inspection Report

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UNIVERSITY OF ALABAMA AT BIRMINGHAM  
720 ADMINISTRATION BLDG  
1530 3RD AVENUE SOUTH  
BIRMINGHAM, AL 35294

Customer ID: **832**  
Certificate: **64-R-0004**  
Site: 001  
UNIVERSITY OF BIRMINGHAM

Type: ROUTINE INSPECTION  
Date: 02-MAR-2021

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### 2.31(e)(4) Critical

#### Institutional Animal Care and Use Committee (IACUC).

The cigarette smoke exposure protocol did not include an adequate description of the procedures designed to assure that discomfort and pain to animals would be limited to that which is unavoidable for the conduct of the research. The protocol had poorly described the guidelines for closely monitoring the ferrets during the study. It was determined that there were no specific parameters or signs described to properly evaluate the health and well-being of the animals during the administration of the smoke that would alert the observer of any pain and/or distress exhibited such as discomfort, uneven breathing or cessation of breathing. The fact that there were no specific parameters in place to properly evaluate the physical state allowed the oversight of 3 ferrets succumbing to the lack of appropriately mixed air/smoke exposure without any intervention in a timely manner. There needs to be a more effective and precise way to monitor the health of the animals while receiving cigarette smoke/air to prevent the likelihood of another animal being misevaluated to prevent the animals from experiencing unnecessary pain and distress and/or death. The cigarette smoke exposure protocol must contain a description of procedures designed to assure that discomfort and pain to the animals will be limited to that which is unavoidable for the conduct of scientifically valuable research. Correct by 3/24/2021.

This inspection and exit interview were conducted with the Attending Veterinarian, IACUC Chair, IACUC Director, Associate VP Research Regulatory Office and Associate IACUC Director.

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**Prepared By:** ANNETTE CHAPMAN  
USDA, APHIS, Animal Care  
**Title:** VETERINARY MEDICAL  
OFFICER

**Date:**  
11-MAR-2021

**Received by Title:** Attending Veterinarian

**Date:**  
11-MAR-2021



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USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL  
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### Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
832	64-R-0004	001	UNIVERSITY OF BIRMINGHAM	02-MAR-2021

Count	Scientific Name	Common Name
000000	NONE	NONE
000000	Total	