



## Inspection Report

Indiana University At Bloomington  
819 N. Forrest Avenue  
Bloomington, IN 47408

Customer ID: 799

Certificate: 32-R-0002

Site: 001

ALL CAMPUS LOCATIONS

Type: ROUTINE INSPECTION

Date: 08-JUL-2015

### 2.31(c)(6)

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Protocol 12-013 expired 3/19/2015. Due to a glitch in the electronic notification system, it was not discovered by the IACUC or principal investigator (PI) until June 26, 2015. Nine rabbits were used during this period. The use of the nine rabbits followed the guidelines from the expired protocol. Three additional rabbits were slated for use, but placed under the facilities holding protocol when the expired protocol was discovered. The facility instituted a manual notification and review system for determining protocol expiration dates to prevent recurrence. The PI has since submitted a new protocol which has been reviewed and approved by the IACUC. Animals used without IACUC review and approval may experience conditions leading to unnecessary pain and/or distress. Activities related to the care and use of animals must be reviewed and approved by the IACUC prior to initiation.

Correct by: Corrected Prior to Inspection

### 2.38(f)(1)

#### MISCELLANEOUS.

In July of 2014 twelve Siberian hamsters sustained eye injuries as a result of blood collection. The IACUC approved protocol covering their use allowed retro-orbital collection of blood. Two trained and approved graduate students collected blood from an estimated 50 hamsters within a couple of hours over a two day period. Within a week of the sampling, animals were identified with squinty or hazy eyes and treated appropriately. Despite treatment, ten animals developed shrunken, non-functional eyes.

The IACUC conducted an investigation of the event and determined that due to the large number of animals and short sampling period, a fast, robust sampling technique resulted in the eye trauma. Corrective measures implemented were retraining of the personnel and smaller sample size. Now only 10-12 animals are sampled in a comparative amount of time. Since this event, one of the graduate students has collected similar samples from 390 animals without any animal injury.

Eye trauma is associated with pain and distress. Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress,

Prepared By: KERRY MCHENRY, D V M USDA, APHIS, Animal Care

Date:  
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physical harm, or unnecessary discomfort.

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Exit interview conducted with the IACUC Administrator, Attending Veterinarian, IACUC Chair, and other facility representatives.

### Additional Inspectors

Neafsey Michael, Assistant Director

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## Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
799	32-R-0002	001	ALL CAMPUS LOCATIONS	08-JUL-15

Count	Scientific Name	Common Name
000004	<i>Chinchilla lanigera</i>	CHINCHILLA
000035	<i>Microtus pennsylvanicus</i>	MEADOW VOLE
000002	<i>Oryctolagus cuniculus</i>	EUROPEAN RABBIT
000145	<i>Phodopus sungorus</i>	WINTER WHITE RUSSIAN DWARF HAMSTER
<b>000186</b>	<b>Total</b>	