



Inspection Report

Duke University
Office Of Animal Welfare Assurance
2424 Erwin Rd Ste 606
Durham, NC 27705

Customer ID: **863**
Certificate: **55-R-0003**
Site: 001
DUKE UNIVERSITY

Type: ROUTINE INSPECTION
Date: 29-JAN-2024

2.31(c)(7)

Institutional Animal Care and Use Committee (IACUC).

Two occurrences of off-protocol activity involving two nonhuman primates (NHPs) were reported to and investigated by the IACUC.

-An NHP received 6 weekly iron injections after a study metric was reached. As soon as the error was discovered by the veterinary team, the injections ceased. No ill effects to the animal were observed.

-An NHP at a study endpoint was euthanized via administration of an expired solution. Per the protocol, the animal was under heavy general anesthesia prior to the euthanasia procedure. However, the research staff did not observe that the solution had expired 5 days prior to its use with this animal. No negative impacts on the euthanasia process were observed.

Not carefully following IACUC-approved protocol guidelines can put animals at risk of adverse health impacts.

The regulations state that, with respect to activities involving animals, the IACUC, as an agent of the research facility, shall review and approve, require modifications in (to secure approval), or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities.

The research groups were fully retrained and both items were corrected prior to this inspection.

3.131(a)

Sanitation.

Excessive fecal build-up was observed on the wire floor of the tree shrew enclosure at the housing tube entrance. The rim of the tube used by the animal for resting and hiding was contaminated with fecal matter. To enter the tube, the tree shrew had to cross through fecal material. Although this is a scent-marking species, the amount of feces present was excessive.

Excessive fecal buildup in an enclosure puts the animals at increased risk of disease and of excessive exposure to odors

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and contamination.

The regulations state that excreta shall be removed from primary enclosures as often as necessary to prevent contamination of the animals contained therein and to minimize disease hazards and to reduce odors.

During follow-up observations on the second day of inspection, the animal was housed in a clean enclosure and the housing tube had been cleaned. The enclosure had been modified to elevate and secure the tube to the cage siding, reducing fecal contamination risk from the floor in the future. The facility's cleaning Standard Operating Procedure (SOP) was amended to increase the frequency of cleaning prior the completion of this inspection.. This noncompliance was corrected during inspection.

This inspection and exit interview were conducted with facility representatives.

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
863	55-R-0003	001	DUKE UNIVERSITY	29-JAN-2024

Count	Scientific Name	Common Name
000012	<i>Canis familiaris</i>	DOG ADULT
000062	<i>Macaca mulatta</i>	RHESUS MACAQUE
000014	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000179	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000004	<i>Papio anubis</i>	OLIVE BABOON
000028	<i>Mustela putorius furo</i>	DOMESTIC FERRET
000014	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000040	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER
000001	<i>Macaca nemestrina</i>	PIG-TAILED MACAQUE
000032	<i>Callithrix jacchus</i>	COMMON MARMOSET
000001	<i>Tupaia belangeri</i>	NORTHERN TREE SHREW
000387	Total	