



Inspection Report

Massachusetts Institute of Technology
77 MASSACHUSETTS AVENUE, 3-234
CAMBRIDGE, MA 02139

Customer ID: 114

Certificate: 14-R-0018

Site: 001

MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

Type: ROUTINE INSPECTION

Date: 22-OCT-2024

2.31(c)(3)

Institutional Animal Care and Use Committee (IACUC).

APHIS officials reviewed two semi-annual reports to the Institutional Official (IO) at the time of inspection. The reports were dated November 2023 and March 2024. Infant marmosets are temporarily housed in incubators to improve survival rates at this developmental stage. However, these incubators do not meet the minimum space requirements established under the Animal Welfare Act (AWA) standards for nonhuman primates. Additionally, Syrian hamsters on study were housed in temperatures below the AWA standards for this species and in conditions that did not provide ample lighting to permit routine inspection and cleaning during the entire working period. These housing conditions were scientifically justified or used under the authority of the Attending Veterinarian and had been approved by the Institutional Animal Care and Use Committee (IACUC). However, conditions that do not meet AWA standards must be identified as a departure from the provisions of the AWA in the semiannual report from the IACUC to the IO, and the reason for each departure must be provided. These veterinary and IACUC-approved departures were not noted on the APHIS-reviewed semi-annual reports to the IO. Failure to note departures from the standards and regulations of the AWA, as well as their justification, in the semiannual report prevents full regulatory oversight of research activities at the institutional level. The facility must ensure that departures from AWA provisions are noted in the semiannual report from the IACUC to the IO. To be corrected by the November 2024 semiannual report to the IO.

2.36(b)(3)

Annual report.

Hamsters used on an IACUC approved study were housed in primary enclosures that did not meet Animal Welfare Act (AWA) standards. In fiscal year (FY) 2023, a total of 60 Syrian hamsters were housed in primary enclosures that did not provide ample lighting to permit routine inspection and cleaning during the entire working period and were also maintained at temperatures below the standards set forth in the AWA for this species. Additionally, during that period, 128 Syrian hamsters were housed in primary enclosures maintained at temperatures below the standards established for this species. Such exceptions from the regulations and standards of the AWA must be explained by the principal investigator, approved by the Institutional Animal Care and Use Committee (IACUC), and attached to the facility's Annual Report to the Animal Care Deputy Administrator. The above-mentioned animals were not reflected in the Annual Report. Failure to report exceptions to the standards and regulations of the AWA in the Annual Report prevents full regulatory oversight of research activities. The facility must ensure that exceptions to the AWA are recorded on the Annual Report. To be corrected by December 1, 2024, the date at which the FY 2024 Annual Report is due.

Prepared By: MICHAEL BROOKS

USDA, APHIS, Animal Care

Date:

12-NOV-2024

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Facility Representative

Date:

12-NOV-2024



Inspection Report

2.38(f)(1)

Repeat

Miscellaneous.

A macaque was placed into a restraint chair for experimental purposes on February 6, 2024. While being placed in this chair, the macaque sustained a lip wound due to improper handling. A veterinarian conducted a complete physical examination after the incident and determined that no treatment was required for this injury. It was also noted in the medical record that the wound healed within 3 days. Additionally, no changes to the macaque's behavior were noted in a behavioral assessment performed by the facility behaviorist following the incident. Improper handling of animals has the potential to cause injuries and distress. The facility must ensure that the handling of animals is done as carefully as possible in a manner that does not cause harm or distress. The facility has implemented corrective measures to reduce the risk of recurrence prior to the inspection.

This inspection and exit interview were conducted with facility representatives.

Additional Inspectors:

TONYA HADJIS

Prepared By: MICHAEL BROOKS
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL
OFFICER

Date:
12-NOV-2024

Received by Title: Facility Representative

Date:
12-NOV-2024



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
114	14-R-0018	001	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	22-OCT-2024

Count	Scientific Name	Common Name
000287	<i>Callithrix jacchus</i>	COMMON MARMOSET
000071	<i>Macaca mulatta</i>	RHESUS MACAQUE
000010	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000007	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000003	<i>Meriones unguiculatus</i>	MONGOLIAN GERBIL (COMMON PET / RESEARCH VARIETY)
000976	<i>Peromyscus leucopus</i>	WHITE-FOOTED MOUSE
000164	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER
001518	Total	