

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0018
CUSTOMER NUMBER: 114

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

JAN 05 2009

Massachusetts Institute Of Technology
Office Of Sponsored Programs
77 Massachusetts Avenue
Cambridge, MA 02139

Telephone: (617) -253-7086

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			2		2
5. Cats					0
6. Guinea Pigs					0
7. Hamsters		10			10
8. Rabbits		8	125		133
9. Non-human Primates	18	12	91		121
10. Sheep					0
11. Pigs		3	39		42
12. Other Farm Animals					
13. Other Animals					
Ferret	1		69 137		70 138

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

b6, b7c

NAME & TITLE OF CEO OR LEGALLY RESPONSIBLE INSTITUTIONAL OFFICIAL (Type or Print)

b6, b7c

DATE SIGNED

12/19/08

Qan

CAC Approved Exemptions to Animal Welfare Guidelines and Regulations

Primates in the upper weight range of Group 3 (as defined by the USDA regulations) will be housed in cages that provide supplemental volume if the floor area does not meet USDA engineering standards. Primates housed singly will be housed in cages that provide supplemental cage volume. Approximately twice the vertical space or twice the horizontal space, as required by the Animal Welfare Act regulations, will be provided. These cages will be considered "innovative housing" and will be exempt from floor area requirements in the Animal Welfare Act. During the period 10/1/07 through 9/30/08, four macaques were housed in innovative housing.

Water-restricted primates are exempted from one hour of *ad libitum* water twice/day. The exemption from *ad libitum* water for an hour twice daily is implicit in CAC approval of protocols using water restriction for primates. For the USDA reporting period 10/01/07 through 9/30/08, 67 macaques were impacted by water restriction.