

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0096  
CUSTOMER NUMBER: 146

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

McLean Hospital Corporation  
115 Mill Street  
Belmont, MA 02478

Telephone: (617) -855-2000

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 and 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 which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report )	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates	23	75	66	-0-	141
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**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 research, 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 an 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 includes a 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 )

(b)(6), (b)(7)(c)

DATE SIGNED  
11/13/2008

NOV 14 2008

Members of McLean Hospital's Institutional Animal Care and Use Committee have approved two exceptions to the AWA standards during the past year:

1. An exception was granted to allow one group 4 primate to be housed in operant cages that are smaller than the standards allow (b)(2) high B7(F). The IACUC agreed that these cages compensate for their slightly smaller size by providing animals additional enrichment via the availability of various operant tasks.

**From the Minutes of October 8, 2008**

(b)(6), (b)(7)c - Rhesus and Cynomolgous Monkey Project Summary, Protocol #06-4/2-

11. The memo "Cage Dimensions for Housing Nonhuman Primates (Request for Exemption)" from (b)(6), (b)(7)c to the McLean Hospital IACUC, dated October, 2008, requesting that the existing operant cages (5.4 square feet x 34.75 inches high) be approved as adequate housing for Group 4 monkeys up to 13.8 kilos was approved by a vote of ten in favor, one against. It was noted that this exception presently affects four monkeys weighing 10.1, 10.3, 10.7 and 12.5 kg.

2. An exception was granted allowing cage washing of 35 operant cages on a monthly basis, rather than bi-weekly, basis (b)(2) high B7(F). These cages are designed to accommodate monkeys that have been fitted with chronic, indwelling intravenous catheters. The IACUC agreed that more frequent cage changing while animals are engaged in specific behavioral evaluations could negatively influence the physiology of the animal, and could also compromise drug delivery instrumentation while animals are on study.

**From the Minutes of October 8, 2008**

(b)(5), (b)(7)c - Rhesus and Cynomolgous Monkey Project Summary, Protocol #06-4/2-11.

The memo "Frequency of Cage Washing (Request for Exemption)" from (b)(6), (b)(7)c to the McLean Hospital IACUC, dated October, 2008, requesting an exception from the requirement for bi-weekly cage washing for 34 operant Primate cages in the (b)(2)High, (b)(7)f was approved unanimously. (b)(6), (b)(7)c reported that during the time period of September 2007 to September 2008, 5 of 31 catheterized animals developed infections with one animal infected twice (i.e. 6 total infections). Five of the infections were documented by cultures and one negative culture with signs of infection. This comes out to an infection rate of 1.6% per month. The IACUC committee suggested that (b)(6), (b)(7)c continue compiling data on rates of infection of catheterized animals that have monthly cage washes.

The above minutes are key summaries of longer Committee discussions on these exceptions. In addition, referenced memos and documents provide additional details on the Committee's deliberations.