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OMB APPROVED
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control
No. 0180-DOA-AN

Fiscal Year: 2009

**UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

REGISTRATION NUMBER: 14-R-0014

Customer Number: 108

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)

General Hospital Corporation
Res Mgmt 149 13th St # 5249
Charlestown, MA 02129
Telephone: (617) 724 2733

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, 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 animals 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 on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	17	0	17
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	15	0	0	15
7. Hamsters	0	0	21	0	21
8. Rabbits	0	127	127	0	254
9. Non-human Primates	1	0	171	0	171
10. Sheep	0	0	136	0	136
11. Pigs	171	182	363	0	545
12. Other Farm Animals					
13. Other Animals					
Ferret	0	0	7	0	7

ASSURANCE STATEMENTS

- 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.
- Each principal investigator has considered alternatives to painful procedures.
- 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 approved by the 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.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions 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 (C.E.O.) or Legally Responsible Institutional Official (L.O.))
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SI
AI
AI

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

DATE SIGNED

11/30/09

REC. 01 2009

NP 12/29/2009

APHIS Form 7023 Site Addendum for FY: 2009

Registration Number: 14-R-0014
Customer ID Number: 108

Facility Business Address Information:

General Hospital Corporation
Res Mgmt 149 13th St # 5249
Charlestown, MA 02129

Telephone: (617) 724 2733

Facilities Site(s) Address Information:

Site Code(s):

001

(b)(2)High, (b)(7)f

Assigned Inspector: Tonya Hadjis, D.V.M.

002

(b)(2)High, (b)(7)f

Assigned Inspector: Tonya Hadjis, D.V.M.

003

(b)(2)High, (b)(7)f

Assigned Inspector: Tonya Hadjis, D.V.M.

006

(b)(2)High, (b)(7)f

Assigned Inspector: Paula Gladue, V M D

007

(b)(2)High, (b)(7)f

Assigned Inspector: Paula Gladue, V M D

008

(b)(2)High, (b)(7)f

Assigned Inspector: Paula Gladue, V M D

004

(b)(2)High, (b)(7)f

Assigned Inspector: Paula Gladue, V M D

005

(b)(2)High, (b)(7)f

Assigned Inspector: Tonya Hadjis, D.V.M.

DEC 01 2009

**APHIS Form 7023
Annual Report of Research Facility**

**Animal Welfare Act Exceptions Approved by the IACUC
For USDA-Covered Species**

For the period October 1, 2008-September 30, 2009

Registration Number: 14-R-0014
Customer Number: 108

General Hospital Corporation
d/b/a Massachusetts General Hospital
32 Fruit Street
Boston, MA 02114

Exception: The SRAC approved for baboons in intensive care to occasionally remain undisturbed for up to 21 consecutive calendar days, and so their cages are not exchanged for clean ones during that time. This lag in cage changing is because the chemical sedation required to transfer baboons to a clean cage may be too stressful while they recover from transplant surgery and are highly immunosuppressed. The Guide and the Animal Welfare Act require an animal's primary enclosure to be cleaned or exchanged at least once every 14 days. Similarly, an exception to the Guide was approved for a study involving non-human primates that receive a radioisotope that requires 40 days to decay to safe levels, and the animals' cages will be spot cleaned in place by CCM staff instead of complete cage change which is an exception to the requirement that the animal's primary enclosure be cleaned or exchanged at least once every 14 days. For this reporting period, four baboons were involved.

Exception: The SRAC approved an exception for non-human primates enrolled in studies that require restricted fluid intake for performance of complex behavioral tasks. Animals that are not fluid controlled usually will not work or will only work for periods of time so brief as to not be useful for training and recording. For some studies, this may require access to drinking water only once per day. This is an exception to the Animal Welfare Act that states nonhuman primates must have free access to water at least twice each day for at least one hour at each time (9 CFR, Ch.1, Part3, Subpart D, §3.83). These animals are closely monitored by veterinary staff during the study to ensure animal welfare is maintained. Duration of restricted fluid intake is limited to the minimal time needed to accomplish the task, accompanied by mandatory 'vacation' periods that provide free access to oral fluids for at least two consecutive weeks at least every 6 months. For this reporting period, twenty four rhesus monkeys were involved.

Exception: The SRAC approved an exception for non-human primates that receive a radioisotope that requires 40 days to decay to safe levels, permitting the animals' cages to be spot cleaned in place by CCM staff instead of complete cage change during that period of time. For this reporting period, eleven cynomolgus monkeys are involved.