

21R0037

Registration Number: 21-R-0037

Number of animals used in this study: 5

Species of animals used in this study: Nonhuman Primate

Explanation of Water Restriction in Nonhuman Primates as per the Principal Investigator
Directing the Study and as Approved by the IACUC:

Water restriction is vital to our experimental model. Our behavioral paradigm requires that animals make 500-1500 individual responses each day and other types of behavioral motivation (food restriction, food rewards) do not elicit this level of response.

Animals will not be restricted below 90% of their baseline weight. Supplemental water will be provided in the event that this maximum weight reduction is exceeded. In fact, we normally do not need to reach this limit and we have never had to maintain an animal at this limit for a prolonged period. We have trained approximately 40 animals over the last 10 years using these procedures and have only had 5 animals require this degree of restriction. If needed, it is usually only during the initial training period which routinely lasts about 1 week. After initial training, the vast majority of animals can be kept motivated with a restriction schedule that produces very minimal decreases from baseline weight.

The water restriction schedule is implemented for the 5 working days of each week (M-F). The animals are provided ad lib water after testing on Friday and until they are returned to the restriction schedule on Sunday evening. The animal's weight is measured on each restriction day and recorded on a graph that is kept in the laboratory.

Aside from the weight monitoring, the normal activity/behavior is monitored daily by the Laboratory Animal Resources staff and/or the investigator or research technician. If there are any behavioral changes or changes in food consumption, the animal will immediately be assessed for decreased hydration status as well as any other abnormalities. Any changes in performance during testing sessions will also be investigated in a similar manner.

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 21-8-0039
21R0039 #298

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
State University of New York
310 Administration Building
Elm & Carlton Streets
Stony Brook, NY 11794
Status: Active

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

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 in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		16	31		47
5. Cats			54		54
6. Guinea Pigs		45	61		106
7. Hamsters		190	175		365
8. Rabbits		97	20		117
9. Non-human Primates			27		27
10. Sheep			7		7
11. Pigs			31		31
12. Other Farm Animals					
13. Other Animals					

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 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)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED