

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 21-R-0118  
CUSTOMER NUMBER: 346

FORM APPROVED  
OMB NO. 0579-0036

*th*

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

New York University-Washington Square  
Office Of Veterinary Resources  
(b)(2)High, (b)(7)f  
New York New York, NY 10012

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

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 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					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		8	93		101
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
gerbils			564		564
voles			53		53

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 res 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 in 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)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED

b6, b7c

11/19/08

**AMENDMENT TO**

**2008**

**ANNUAL REPORT**



May 18, 2009

United States  
Department of  
Agriculture

Marketing and  
Regulatory  
Programs

Animal and Plant  
Health Inspection  
Services

Animal Care

920 Main Campus Drive  
Suite 200  
Raleigh, NC 27606

Tel No. 919-855-7100  
Fax No. 919-855-7125

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

New York University

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

New York, NY 10012

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

Thank you for your letter of May 5, 2009 and the amendment made to your Fiscal Year 2008 Annual Report. The information will be filed, and also forwarded to your inspector Dr. John Lopinto for his review.

Sincerely,

Nicolette Petervary, VMD  
Regional Animal Care Specialist  
Eastern Region, Animal Care

Cc: Dr. John Lopinto, VMO  
Dr. Robert Willems ARD  
Dr. Elizabeth Goldentyer, RD  
Mr. Joe Nelson, Program Manager  
21-R-0118  
File



Animal Care is a part of the Department of Agriculture's Animal and Plant Health Inspection Service.

An Equal Opportunity Provider and Employer

University Animal Welfare Committee

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

New York, NY 10012

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

Dr. Elizabeth Goldentyer  
Regional Director, Animal Care  
Eastern Region, USDA, APHIS  
920 Main Campus Drive, Suite 200  
Raleigh, North Carolina 27606-5213

Re: Certification No. 21-R-0118

April 23, 2009

Dear Dr. Goldentyer,

As per your last correspondence to (b)(6), (b)(7)c on 4/7/2009, enclosed you will find the amended 2008 Annual Report. Please contact me if any further information is required.

Respectfully,

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

Enclosure: Amended Annual Report of Research Facility

NY

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 ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL <div style="background-color: gray; height: 20px; width: 100%;"></div> b6, b7c	DATE SIGNED
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NP

Addendum to 2008 ANNUAL REPORT OF RESEARCH FACILITY dated 4/16/09

RE: 21-R-0118

The NYU IACUC approved Animal Use Protocols involving (b)(4)

(b)(4) using the following guidelines:

1. Guidelines for the care and use of mammals in neuroscience and behavioral research / Committee on Guidelines for the Use of Animals in Neuroscience and Behavioral Research. National Academy of Sciences. 2003.

Neuroscience-related protocols occasionally require the regulation of animals' food or fluid intake to achieve a specific experimental goal. The regulation process may entail *scheduling* of access to food or fluid sources so an animal consumes as much as desired at regular intervals, or *restriction*, in which the total volume of food or fluid consumed is strictly monitored and controlled. As stated in the *Guide*, "the least restriction that will achieve the scientific objective should be used" (p. 12). Regulation of food or fluid is commonly used as motivation in experiments that require animals to perform a behavioral task with a high degree of repeatability (Toth and Gardiner, 2000), but the food or fluid consumption is not the experimental variable. In those studies, food and fluid regulation is used to motivate the animals to perform a specific behavioral task for a food or fluid reward; regulation of food or fluid outside the experimental session ensures response reliability to the food and fluid reward in each session (NIH, 2002).

2. Guide for the Care and Use of Laboratory Animals, Institute of Laboratory Animal Research, Commission on Life Sciences, National Research Council. 1996.

When experimental situations require food or fluid restriction, at least minimal quantities of food and fluid should be available to provide for development of young animals and to maintain long-term well-being of all animals. Restriction for research purposes should be scientifically justified, and a program should be established to monitor physiologic or behavioral indexes, including criteria (such as weight loss or state of hydration) for temporary or permanent removal of an animal from the experimental protocol (Van Sluyters and Oberdorfer 1991). Restriction is typically measured as a percentage of the ad libitum or normal daily intake or as percentage change in an animal's body weight. Precautions that should be used in cases of fluid restriction to avoid acute or chronic dehydration include recording of fluid intake and recording of body weight at least once a week (NIH 1990)-or more often, as least restriction that will achieve the scientific objective should be used.

(b)(4)

NP