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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-DQA-AN

Fiscal Year: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER: 31-R-0028

Customer Number: 234

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

Case Western Reserve University
10900 Euclid Ave
Cleveland, OH 44106

Telephone: (216) 368 4432

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	4	0	66	0	66
5. Cats	2	0	19	0	19
6. Guinea Pigs	46	23	308	0	331
7. Hamsters	31	73	25	2	100
8. Rabbits	35	63	179	0	242
9. Non-human Primates	0				0
10. Sheep	0				0
11. Pigs	38	0	312	0	312
12. Other Farm Animals					
Bovine	0	0	2	0	2
13. Other Animals					
Ferret	0	0	3	0	3
Woodchuck	0	0	8	0	8

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.

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

DATE SIGNED

11/2/05

NOV 09 2009

Column E Explanation

This form is intended as an aid to completing the column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. **Registration number:** 31-R-0028
2. **Number of Category E animals used in the study:** 2
3. **Species (common name) of animals used in this study:** hamster
4. **Explain the procedure producing pain and/or distress.**

Hamsters are infected with the scrapie prion protein and are euthanized after the development of neurodegenerative disease.

5. **Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine than pain and/or distress would interfere with test results.**
6. The study requires analysis of brain tissue taken from animals with significant symptomatic spongiform encephalopathy. No palliative treatment is available for spongiform encephalopathy. Animals are checked daily after the onset of symptoms. Animals will ultimately lose the ability to move and feed themselves. Criteria for interventional euthanasia of severely ill hamsters have been established. *Post approval monitoring of the hamsters in this protocol indicated that all but two hamsters were successfully identified and euthanized prior to development of severe neurologic symptoms causing significant distress which would qualify for Pain Category E designation.*
7. **What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number.**

N/A

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