

This report is required by law (7 USC 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 21:

See attached form for additional information.

Interagency Report Control No.:

Jan

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  <b>ANNUAL REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)	1. CERTIFICATE NUMBER: 35-R-0029 CUSTOMER NUMBER: 634	FORM APPROVED OMB NO. 0579-0036
Medical College Of Wisconsin Oscar F Peterson Animal Research Ctr 8701 Watertown Plank Road P.O. Box 26509 Milwaukee, WI 53226		

**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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o 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 an 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 wh 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	4	4	153	1	158
5. Cats	0	2	101	0	103
6. Guinea Pigs	12	141	323	0	464
7. Hamsters	0	4	0	0	4
8. Rabbits	5	202	425	0	627
9. Non-human Primates	4	0	5	0	5
10. Sheep	0	0	0	0	0
11. Pigs	0		64	0	64
12. Other Farm Animals					
Goats	0		16	0	16
13. Other Animals					
Chinchilla	0	24	28	0	52
Gerbil	1	0	27	0	27

**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 rest 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 inc 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
(b)(6), (b)(7)c		11/18/08

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### Column E Explanation

This form is intended as an aid to completing the Column E explanation. 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: 35-R-0029
2. Number of animals used in this study: 1
3. Species (common name) of animals used in the study: Dog
4. Explain the procedure producing the pain and/or distress.

The study investigated the effect of a potent anti-oxidant and anti-inflammatory compound on radiation sickness. The abdomen of the anesthetized dog was exposed to an irradiator device. Mild radiation sickness including some vomiting and diarrhea was an expected outcome, and palliative therapy for these symptoms was included in the approved animal care protocol. Euthanasia was planned in the event symptoms became severe. In this case, the animal was observed to be prostrate, lethargic, and in respiratory distress during morning animal care rounds 5 days after the irradiation procedure. The on-call veterinarian was contacted immediately; however, the animal rapidly expired before the veterinarian arrived to render a diagnosis and treatment.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Alleviation of pain/distress was not purposefully withheld.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

N/A

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