

74R 0071

16 November 1999

**USDA Registration No. 74-R-071**

**The University of Texas Health Science Center at San Antonio  
USDA Report 1998-99  
Category "E"**

**Eighteen (18) Dogs**

Anti-cancer candidate drugs were administered to 18 dogs for regulatory (NDA or IND) toxicology studies. These dogs were included in category "E" due to the potential for adverse effects from the compounds. Anesthetics or analgesics were precluded because they would confound data on this strict regulatory protocol.

**Forty (40) Guinea Pigs**

Forty guinea pigs were infected with a dermatophyte in order to evaluate the efficacy of a new polymer containing a sustained-release antifungal compound in the treatment of superficial mycoses. The guinea pigs were included in category "E" due to the potential for skin irritation. Close observation revealed 23 of the 40 animals developed some level of skin irritation in each dog. Anesthetics or analgesics were not administered because they could confound the study.

**Six (6) Dogs**

Six dogs were used to evaluate basic fibroblast growth factor distribution in fracture sites. The distal end of one radius was fractured while the dogs were under surgical anesthesia. The injured limb was rigidly immobilized in a cast and the dogs allowed to recover from anesthesia. Buprenex was administered BID for pain. The dogs were euthanatized 52 hours post fracture. They were included in column "E" due to the potential for pain or distress, even with surgical anesthesia and post-operative analgesia.

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED  
OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)

1. REGISTRATION NO.  
35-R-0029  
35R0029

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

Medical College of Wisconsin  
8701 Watertown Plank Road  
P.O. Box 26509  
Milwaukee, WI 53226  
Status: Active

NOV 10 1999

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.)

See Attached

FACILITY LOCATIONS (Sites)

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		35	1,078		1,113
5. Cats			190		190
6. Guinea Pigs			679		679
7. Hamsters			6		6
8. Rabbits		120	638	35	793
9. Non-human Primates			8		8
10. Sheep					-0-
11. Pigs		11	59		70
12. Other Farm Animals					
GOATS			14		14
13. Other Animals			70		70
CHINCHILLAS			52		52
PRAIRIE DOGS					

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 research, 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 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.
- 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)

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

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

DATE SIGNED

S FORM 7023  
AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

11/4/95