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2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 43-R-0008

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) Washington University Lindell & Skinker Blvd St. Louis, Mo. 63130

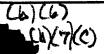
Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (Ust by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, 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 lor 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).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
Bat	71		48		48
)possum			25		25
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- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate 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 HEADQUARTES 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 (Typ.

DATE SIGNED

See reverse side for additional information Interagency Report Control No

THE TO SEE UNITED STATES DEPARTMENT OF AGRICULTURE SERVICES TO HORSE AND PLANT HEALTHANSPECTION SERVICE - To GOOD HEALTHANSPECTION SERVICE - To GOOD HEALTHANSPECTION SERVICE id bodget, Wishington, u.C.

1. REGISTRATION NO PREPARED DE DE DE DE DE DE LE nation, inclinately suggestions to multion and Regular by Attains (000 - R-64

FORM APPROVED Ini to a- OMB NO. 0579-0036-

ETICN OF APHIS FORM 7023

ANNUAL REPORT OF HESEARCH FACILITY OF THE

h Facility by United States Department of Agriculture (USDA).

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Midwest Research Institute

425 Volker BIVd

425 Volker BIVd

Kansas City, MO

3. REPORTING FACILITY (List all/locations where animals were housed or used in actual research clesting leading to experimentation; or held for these purposes SATTach; additional sheets if necessary.)

FACILITY LOCATIONS Siles

TER 4-13-00 NOT enter numbers in Column A. DO NOT act mandas sinered 900ds Bast Barst Odurin F. Contrar. الم الله المالية المالية

(2) tours

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adidthional sheets if necessary of use APHIS-FORM 7023A) じ およ しょうしょうしょ							
A. Animals Covered By The Animal Welfare Regulations, and Avinto English TOR OFFICE.	B. Number of animals being? V bred, SOV another or held for use in teaching, testing. The experiments, Sort research, or surgery but not yet used for such purposes.	C Number of animals upon C3 animals upon C3 animals upon C3 research, experiments, or tests were conducted involving no pain, distress, or use of pain Calleving drugs.	D. Number of animals upon which experiments, which experiments, which experiments arrangery, or tests were conducted involving conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or conductating 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 altached to this report).	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)		
4. Dogs		72			72		
5. Cats							
6. Guinea Pigs		77		12*	89		
7. Hamsters *Dur	ing a pha	macokinet	ic study (si	ngle i.v. dose with blood	1		
COTT	ection ro	r arug lev	rel analysis)	in which toxicity was no ly exhibited transient s	h+		
9. Non-human Primates	lethargy,	hyperacti	vity, tempora	ary collapse, vocalization	n head		
move	ments, and	discolor	ation and/or	swelling at the injection ut 45 minutes after reco	n site		
11. Pigs the	pharmaceut	ical inte	nded for huma	an use. Toxicity was not	expect		
	and admini	stration	of pain-reli	eving drugs would have in under study. No animal:	tarfar		
becai	ne moribui	d and all	guinea pigs	were euthanized 3.5 hour	s after		
dosi: 13. Other Animals	ng.						
mice			·		5285		
rats					506		
					·		
ASSURANCE STATEMENTS							

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

DATE SIGNED

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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