UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 55-R-0003

FORM APPROVED OMB NO 0579-0036

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

Duke University

Division of Laboratory Animal Resources

3180 DUMC

27710 Durham, NC

DEC 0 1 1999

2. REPORTING FACILITY (List all locations where animals were housed or used in actual resijarch, resting, teaching, or exportmentation, or held for those purposes. Attach additional sheats if necessary.)

FACILITY LOCATIONS (5/104)

Duke University Medical Center

Duke University Research Farm

Duke University

Duke University Primate Center

Anmals Covered By The Animal Wellare 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.	G Number of animals upon which leaching, 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 lests were conducted involving accompanying pain or distress to the animals and for which appropriate onesthetic, analgesic, or tranquishing drugs were used.	E. Number of animals upon which teaching, oxperiments, research, surgery or tests were conducted involving becompunying pain or distress to the animals and for which the use of appropriate anesthetic, shalgestc, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An applanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	·	1	246		247
5. Cais	, , , , , , , , , , , , , , , , , , , ,	2	23		25
6. Guinea Pigs	139	17	487		504
7. Hamsters			26		26
8. Rabbits	10	172	_ 2 284		2456
9. Non-human Primates	124	163	113		276
10. Sheep	4		106		106
11. Pius		- 94	657		751
12. Other Farm Animals					
Goats	4				4
13. Other Animals				ή	
Gerbils	10 · ·	31			31
Ferrets			246	. +1	246

Professionally acceptable standards governing the care, freatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, tasting, surgery, or expandionium were followed by this research facility.

- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This lacility is adverting 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 inclines a brief explanation of the exceptions, as well us the species and number of animals allegted.
- 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 unimal 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)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

11/30/99

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE I. REGISTRATION NO 55-R-0003 FORM APPROVED OMB NO 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, es registered with USDA include Zip Codel

Duke University

Division of Laboratory Animal Resources 3180 DUMC

Durham, NC 27710

				Possage us usus Inis Jurni 1	
Ammals USED BY OR Ammals Covered By The Ammal Wellure Regulations	UNDER CONTROL OF B Number of anitial's being bred, conditioned, or hold for use in teaching, losting, experiments, research, in surgery but not yet used for such purposes	C Number of animals upon which traching, research, dapenments, in tests were conducted involving no pain, distress, or use of pain-ratioving drugs	D. Number of animals upon which experiments teaching, research, curgery, or losts with conducted involving accompanying pain or distress to the animals and time which appropriate anesthetic, analysis, or transportations of the conduction of the c	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 anisthetic, analysisc, in tranquitions of drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, subject, or lests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be affected to this roporti	TOTAL NO OF ANIMALS (COIE. C + D + E)
Tree Shrews	3	2	33		35
Mini Opessums		42			42
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ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of unimals, including appropriate use of unexthetic unadgesic and tranquitizing drugs, prior to, thiring and following actual research leaching, testing, surgery, in experimentation were followed by this recearch lacility
- 2) Each principal investigator has considered alternatives to painful procedures
- 31 This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and ringulations be standards and explained by the principal investigator and approved by the institutional Animal Case and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report is addition to iterativing the IACUC-approved exceptions, this commany includes a tired explanation of the exceptions, as well as the standard number of animals affected.
- 4) The attending selementary for this research facility has appropriate authority to ensure the provision of adequate seterings care and in oversize the adequacy of other aspects of

unimal care and use	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) (Legally that the above is time, correct, and conglete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUT		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Pent)	11/30/99			
	(Q(7)(C)		11,30,33			