UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 55-R-0003

FORM APPROVED OMB NO 0579-0036

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

Duke University

Division of Laboratory Animal Resources 3180 DUMC

Durham, NC 27710

DEC 0 1 1999

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

REPORTING FACILITY (List all locations where animals were housed or used in actual respirich, testing, teaching, or experimentation, or held for these purposes. Attach additional sheats it 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 core, freatment, and use of animals, including approviate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or exponitional order to library by this research facility.

- 2). Each principal investigator has considered oldernatives 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 attached.
- 4) The offending 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)

DATE SIGNED

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

11/30/99

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

11/30/

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE I. REGISTRATION NO 55-R-0003

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FORM APPROVED OMB NO 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Duke University

Division of Laboratory Animal Resources 3180 DUMC

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

Durham, NC 27710

| Annuls Covered By the Annul Wellure Regulations 12 8/OR 13 Other (US) by species) | B Number of annuals being bred, conditioned, or noid for use in 1eaching, tosting, experiments, research, in yell used for such purposes | C Number of animals upon which hadding, research, asperiments, in lests were conducted involving no pain, distress, or use of pain-relieving drugs | D. Number of animals upoil which experiments teaching, research, curgery, or losts with conducted involving accompanying pain or distress to the animals and the which appropriate anostheric, analystic, or transputiting drugs were used. | E. Number of animals upon which teaching, experiments, research, surgery or rests were conducted involving accompanying pain or distress tothe animals and fin which the use of appropriate enesthetic, analysis, in transportant drugs would have adversely affected the procedures, results, or interpretation of the feathing, research, experiments, surgery, or tests. (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 report. | 101AL 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, is experimentation were followed by this receirch lability
- 7) Each principal investigator has considered alternatives to painful procedures
- 31 This famility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and ingulations be sequilibed and naplained by the This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations and regulations under the Act, and it has required that exceptions and improved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report is addition to identifying the IACUC approved exceptions, this summary includes a tirel explanation of the standard regular and inimals 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) (Lightly that the above is true, correct, and complete (7 U.S.C. Section 2143) | | | | | |
|--------------------------------|--|---|----------|--|--|--|
| SIGNATURE DE C.E.O. OR INSTITU | | NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Title of Print) | 11/30/99 | | | |
| | (Q(7)(c) | | | | | |