

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 61-R-0002
CUSTOMER NUMBER: 898

FORM APPROVED
OMB NO. 6579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Kentucky
Chandler Medical Center, H41a
Lexington, KY 40536

APR 23 2000

Telephone: (859) -323-5885

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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 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 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 reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	18	0	0	18
5. Cats	0	10	0	0	10
6. Guinea Pigs	0	170	163	0	333
7. Hamsters	0	0	404	0	404
8. Rabbits	0	41	31	0	72
9. Non-human Primates	9	0	114	0	114
10. Sheep	1	0	31	0	31
11. Pigs	0	20	24	0	44
12. Other Farm Animals					
13. Other Animals					

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 res 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)

(Type or Print)

DATE SIGNED

3/31/09

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University of Kentucky
Chandler Medical Center, H 41A
Lexington, KY 40536-0298

Certificate Number: 61-R-0002
Customer Number: 898

Facility Locations:

Main Campus Locations:

(b)(2)High, (b)(7)f

Remote Locations:

(b)(2)High, (b)(7)f

Contact information for all sites is:

U.S. Postal Service:

Division of Laboratory Animal Resources
Chandler Medical Center, H 41A
University of Kentucky
Lexington, KY 40536-0298

Telephone: (859) 323-5885
Fax: (859) 323-6002

Express Mail/Fed Ex Service/Office Location:

Division of Laboratory Animal Resources
(b)(2)High, (b)(7)f
University of Kentucky
Lexington, KY 40536-0305

3) Summary of IACUC approved exceptions to the standards and regulations under the Act

There are three IACUC approved exceptions to the standards and regulations under the Animal Welfare Act.

- 1) IACUC approved exception to the approved exercise plan for dogs (§3.8) that involves a total of 18 dogs:

"The only exception to the exercise plan will be during urine collections when the dogs are confined to their cages, which still provides greater than the minimum amount of floor space required by the Animal Welfare Act and Regulations. Because these experiments require the measurement of nutrient balance it is imperative that we get uninterrupted total collections of urine and feces. This is most easily accomplished by confining them to their kennel during the collection period as the dogs are accustomed to this environment. During this time the dogs will each be given individual human attention for a minimum of 15 minutes. Each dog will have at least one enrichment item (chew-toy, hard ball, etc.) in its run at all

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times. Non-edible enrichment items will be provided for each dog during critical collection periods. Enrichment items will be rotated to keep them interesting to the dogs. "

- 2) IACUC approved exception to space requirements for sheep (§3.128) involving a total of 31 sheep:

"A large-animal metabolic cage will be used. This is needed to prevent removal of PAL (Paracorporeal artificial lung) and other instrumentation, ventilation, and urine collection. Note that in the descriptions of these experiments the period of metabolic cage restraint does not run beyond a 21-day survival period."

- 3) IACUC approved exception to lighting requirements for hamsters [§3.26(c)] involving a total of 136 hamsters:

"In order to continuously monitor circadian rhythms, animals will be housed individually in cages equipped with running wheels that are interfaced with a computer. In order to control the environmental conditions, these cages will be placed in light-tight, sound-attenuated, ventilated wooden boxes, with a controlled light:dark cycle. Some hamsters will be exposed to 10 days of darkness and then will be re-introduced to a standard light:dark cycle."

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