

DEC 02 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0001
CUSTOMER NUMBER: 616

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Wisconsin-Madison
Research Animal Resources Ctr.
Director Research Animal Resources Center
1710 University Avenue
396 Enzyme Institute
Madison, WI 53726

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

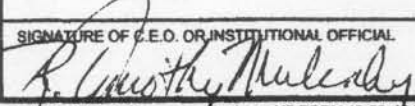
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

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 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 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 reas such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	41	92	329		421
5. Cats	12	18	90		108
6. Guinea Pigs	--	1	--		1
7. Hamsters	47	541	4		545
8. Rabbits	28	57	283		340
9. Non-human Primates	1,116	459	854		1,313
10. Sheep	6	--	101		101
11. Pigs	107	550	249		799
12. Other Farm Animals					
Cows	56	4	95		99
Horses	13	--	17		17
13. Other Animals					
Skunks	--	5	--		5
Opossums	--	66	--		66
Raccoons	--	86	--		86
Red Foxes	--	8	--		8

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 in 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)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL 	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) R. Timothy Mulcahy, Ph.D. Associate Vice Chancellor	DATE SIGNED 11/30/04
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**SUMMARY OF IACUC APPROVED EXCEPTIONS TO THE
STANDARDS AND REGULATIONS OF THE USDA ANIMAL WELFARE
ACT**

University of Wisconsin - Madison
Registration No.: 35-R-0001
Reporting Period: 10/01/03 - 09/30/04

More Than One Protocol Involving a Major Operative Procedure:

While there are some protocols containing multiple surgical procedures, there are no approved protocols for use of animals across protocols and involving major operative procedures.

Food and/or Water Deprivation:

- IACUC approved protocol for up to 156 Rhesus and 100 Hamsters - water restriction for up to 12 hours/day for five (3) days for Conditioned Taste Aversion Training.
- IACUC approved protocol for up to 157 Rhesus - 30% calorie restriction of diet and housing in metabolic caging for up to 72 hours.
- IACUC approved protocol for up to 145 Marmosets – 15-18 hour fast prior to glucose challenge.
- IACUC approved protocol for up to 36 Rhesus – water restriction as work stimulus for up to 12 hours per day for 5 day work period.
- IACUC approved protocol for up to 70 Cats and 8 Rhesus – water restriction as part of work reward for up to 18 hours per day for 6 days.
- IACUC approved protocol for up to 24 Rhesus – 12 hour fast prior to vitamin A dosing and metabolic cage housing.

Not Cleaning and/or Sanitizing at Required Frequencies:

- IACUC approved protocol for up to 480 13-lined ground squirrels - exempted from cage cleaning during hibernation period.
- IACUC approved protocol for up to 60 Rhesus – limited cage cleaning for up to three weeks after receiving radioactive materials (clean pans only).

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Restraint:

- IACUC approved protocol for up to 232 sheep - tethering of post-surgical animals in portable enclosures for up to 10 days to prevent damage to surgical instrumentation.
- IACUC approved protocol for up to 32 Rhesus - chair restraint of animals involved in sleep study data collection.
- IACUC approved protocol for up to 72 Cats to be given a paralytic agent while under anesthesia – high degree of stability for intracellular recording in cortex is required.
- IACUC approved protocol for up to 124 Rhesus - chair restraint of animals for up to 16 hours for the collection of amygdala perfusates
- IACUC approved protocol for up to 150 Cats and 275 Chinchillas - restraint required for up to 3 hours for cochlear nucleus recording.
- IACUC approved protocol for up to 70 Cats and 8 Rhesus - restraint of animals for up to 6 hours for eye coil recordings.
- IACUC approved protocol for up to 36 Rhesus – chair restraint to allow for eye coil measurement.
- IACUC approved protocol for up to 32 Rhesus – chair restraint for 14 hours to collect intruder measurement data.

Housing:

- IACUC approved protocol for up to 96 Rhesus –singly housed SIV infected animals.
- IACUC approved protocol for up to 15 Rhesus – eight week single housing for surgical healing (5 weeks) and experimental adaptation (3 weeks).