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This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  <b>ANNUAL REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)  <div style="text-align: right; font-size: 1.2em;">JAN 05 2009</div>	<b>1. REGISTRATION NO.</b> 57-R-0002	<b>CUSTOMER NO.</b> 895	<b>FORM APPROVED</b> OMB NO. 0579-0036
<b>2. HEADQUARTERS RESEARCH FACILITY</b> (Name and Address, as registered with USDA, include Zip Code)  MEDICAL COLLEGE OF GEORGIA 1458 LANEY WALKER BLVD (b)(2)High, (b)(7)f DIVISION OF LAB. ANIMAL SERVICES AUGUSTA, GA 30912 (706) 721-3423			
<b>3. REPORTING FACILITY</b> (List all locations where animals were housed or used in actual research, testing, teaching, 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 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 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 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)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			41		41
5. Cats					0
6. Guinea Pigs		2			2
7. Hamsters					0
8. Rabbits			65		65
9. Non-Human Primates			57	3	60
10. Sheep					0
11. Pigs			13		13
12. Other Farm Animals					0
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 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 the 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 HEADQUARTERS 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 (Type or Print)	DATE SIGNED
(b)(6), (b)(7)c	(b)(6), (b)(7)c	1/8/10/08

*NSP*

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### Column E Explanation

JAN 05 2009

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by laypersons as well as scientists.

1. Registration Number: **57-R-0002**
2. Number of animals used in this study. **Three**
3. Species (common name) of animals used in the study. **Rhesus**
4. Explain the procedure producing pain and/or distress.

**Rhesus macaques will be instrumented with** [REDACTED]

**of an** [REDACTED] **The animals will be treated with** [REDACTED] **to evaluate the best treatment dose. It is expected that** [REDACTED] **If** [REDACTED] **fails to treat the** [REDACTED] **and the animals exhibit any of the following clinical signs** [REDACTED] **for a prolonged period of time rescue therapy will be implemented until resolution of clinical signs. In the interim period of treatment the animals may exhibit distress until resolution.**

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandate testing, see Item6 below) .

**The purpose of the study is to determine if the treatment being implemented will prevent and or treat the clinical signs of** [REDACTED] **, this can not be assessed with rescue therapy is administered initially.**

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g.,APHIS,9 CFR 113.102):

Agency \_\_\_\_\_ CFR \_\_\_\_\_

*APHIS 7023 Summary of Exceptions to the Regulations and Standards Approved by the IACUC 2008*

**Registration Number:** 57-R-0002      **Customer Number:** 895

We have two exceptions to the regulations and standards pertaining to environmental enrichment of pigs and nonhuman primates (rhesus) and one exception to the housing of dogs.

Eight pigs are singly housed and are not provided with manipulata or physiological contact with animal caretakers or research staff. The animals can physically see and hear each other and occasionally can touch each other through the cage run dividers. Since swine are an intelligent, gregarious herd animal by nature, this restricted enrichment evokes a certain amount of stress in these animals. This appears to be necessary to the model of diabetes and development of atherosclerosis. In the investigator's experience as well as others swine that are provided with toys, housed together, or played with, consistently show reduced extent and severity of atherosclerosis. This is consistent with studies in the literature using hyperlipemic rabbits, which show that rabbits played with and petted daily develop quantitatively less severe atherosclerosis than those left alone in their cages. Nerem R, et al., Science 208:1475-1476, 1980.

Five rhesus monkeys are prohibited from receiving nutritive (produce and foraging mix) forms of enrichment during training periods that involve food restriction. During the food restriction work weeks the animals do receive the following forms of non nutritive enrichment: cage manipulata (kongs, balls or mirrors), television, music on the weekends, visual and auditory contact with cohorts and daily contact with research and husbandry staff. The animals can receive nutritive enrichment items at the end of "Friday" training to the start of "Sunday" restriction.

Nine dogs [redacted] have been housed in [redacted]. The study requires that the animals be [redacted] for the course of the study. The current [redacted] requirements. During the course of the study the [redacted] and they are evaluated by the research staff daily and by the veterinary staff Monday thru Friday. [redacted] and they [redacted]