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OMB APPROVED

0579-0036

Interagency Report Control  
No. 0180-DOA-AN

This report is required by law (7 U.S.C. 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, Fiscal Year: 2021

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| <b>UNITED STATES DEPARTMENT OF AGRICULTURE<br/>ANIMAL AND PLANT HEALTH INSPECTION SERVICE</b> | <b>REGISTRATION NUMBER: 43-R-0130</b><br><b>Customer Number: 503724</b>   |
| <b>ANNUAL REPORT OF RESEARCH<br/>FACILITY (TYPE OR PRINT)</b>                                 | <b>2. HEADQUARTERS RESEARCH FACILITY</b> (Name and Address, as registered with USDA, include ZIP Code)<br><br>MO U OF SCIENCE AND TECHNOLOGY<br>400 W 11th Street<br>ROLLA, MO 65409<br>Telephone: 5733414029 |
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**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| <b>B.</b><br><br>Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes | <b>C.</b><br><br>Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. | <b>D.</b> 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. | <b>E.</b> 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 on these animals and the reasons such drugs were not used must be attached to this report.) | <b>F.</b><br><br>TOTAL NUMBER OF ANIMALS<br><br>(Cols. C + D + E) |
|--|---|--|---|---|
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |
| 0  | 0   | 0  | 0   | 0   |

A.

Animals Covered By The  
Animal  
Welfare Regulations

- 4 Dogs
- 5 Cats
- 6 Guinea Pigs
- 7 Hamsters
- 8 Rabbits
- 9 Non-Human Primates
- 10 Sheep
- 11 Pigs
- 12 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 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 affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions 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 (C.E.O.) or Legally Responsible  
Institutional Official (I.O.))* I certify that the above is true,  
correct, and complete (7 U.S.C. Section 2143).

Date Signed  
29-Nov-2021