it displays a valid OMB con collection is estimated to a	ontrol number. The valid OME	B control number for this inform e, including the time for reviewi	nation collection is	s 0579-0036.	The time required to c	collection of information unless complete this information hering and maintaining the data	OMB APPROVED 0579-0036
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result and to be subject to penalties as provided for in Section 2150.					cease and desist	Interagency Report Control No. 0180-DOA-AN	Fiscal Year: 2018
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				REGISTRATION NUMBER: 56-R-0001			
				Customer Number: 925			
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) MEDICAL UNIVERSITY OF SOUTH CAROLINA DIV OF LAB ANIMAL RES/DEPT OF COMPARATIVE MEDICINE 114 DOUGHTY STREET, MSC 777 CHARLESTON, SC 29425 Telephone: (843) 876-5212			
REPORT OF ANIMALS U	JSED BY OR UNDER CONT	ROL OF RESEARCH FACILIT	ΓΥ (Attach additic	onal sheets if i	necessary or use APH	IS 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 an upon which exp teaching, resea surgery, or tests conducted invol accompanying j distress to the a for which appro anesthetic, anal	periments, arch, is were olving pain or animals and opriate	experiments, researd conducted involving to the animals and for anesthetic, analgesio have adversely affect interpretation of the t experiments, surgery	Is upon which teaching, ch, surgery, or tests were accompanying pain or distress or which the use of appropriate c, or tranquilizing drugs would cted the procedures, results, or teaching, research, y, or tests. (An explanation of lucing pain or distress on these	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)

or surgery but not yet used for such purposes.	pain-relieving drugs.	for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	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.)	(Cols. C + D + E)
0	0	0	0	0
0	4	0	0	4
0	4	0	0	4
0	0	0	0	0
0	0	3	8	11
0	0	0	0	0
0	0	0	0	0
0	4	68	0	72
0	0	0	0	0
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	or surgery but not yet used for such purposes. 0 0 0 0 4 0 4 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	Initial and the second secon	In Surgery but not yet used for such purposes.International and the second sec

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.							
(Chief Exec Institut	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer (C.E. C.) 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					
		13-NOV-2019					