I number. The valid OMB con age 2 hours per response, ind eviewing the collection of info	ntrol number for this informati cluding the time for reviewing prmation.	instructions, searching existing da	ime required to c ata sources, gath	omplete this information pering and maintaining the data	OMB APPROVED 0579-0036 Exp. 10/31/2018			
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 an and to be subject to penalties as provided for in Section 2150.				Interagency Report Control No. 0180-DOA-AN	Fiscal Year 2013			
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				1. REGISTRATION NUMBER 52-R-0011				
				<ol> <li>HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)</li> </ol>				
ANNUAL REPORT OF RESEARCH FACILITY				UNIVERSITY OF VIRGINIA				
(TYPE OR PRINT)				PO BOX 400301				
ist all locations where animal	s were housed or used in act	CONTRACTOR CONTRACTOR		Soneringertakte	ditional sheets if			
			experimentation	, or new for these purposes. Automati	autorial oncers, in			
	E.	ACILITY LOCATIONS (Sites)						
CONSOLIDATION			10					
					I.			
Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	b. Number of animats 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.	experime conducte distress t appropria tranquiliz affected t interpreta experime of the pro these ani	nts, research, surgery, or tests were d involving accompanying pain or o the animals and for which the use of the anesthetic, analgesic, or ing drugs would have adversely he procedures, results, or tion of the teaching, research, nts, surgery, or tests. (An explanation ocedures producing pain or distress on mals and the reasons such drugs	TOTAL NUMBER OF ANIMALS (Cols. C + D + E)			
0	0	36		0	36			
0	0	0	0		0			
0	1	0	0		1			
			0					
0	180	0		0	180			
0 24	180 63	0 26		0	180 89			
3	100	2			1 10000			
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24 0	63 0	26 0		0	89 0			
	I number. The valid OMB cor age 2 hours per response, int veivewing the collection of info (7 U.S.C. 2143). Failure to re as provided for in Section 219 ATES DEPARTMENT D PLANT HEALTH IN PORT OF RES (TYPE OR PRIN ist all locations where animal consoletions where animal being bread, control 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. 0	Inumber. The valid OMB control number for this information         age 2 hours per response, including the time for reviewing eviewing the collection of information.         7 U.S.C. 2143). Failure to report according to the regulation as provided for in Section 2150.         ATES DEPARTMENT OF AGRICULTURE DPLANT HEALTH INSPECTION SERVICE         PORT OF RESEARCH FACION (TYPE OR PRINT)         ist all locations where animals were housed or used in act         CONSOLIDATION         B.       C.         Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.         0       0         0       0	Inumber. The valid OMB control number for this information collection is 0579-0036. The tage 2 hours per response, including the time for reviewing instructions, searching existing deviewing the collection of information.         (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease as provided for in Section 2150.         ATES DEPARTMENT OF AGRICULTURE D PLANT HEALTH INSPECTION SERVICE          1. REGISTRATI 52-R-001* 52-R-001* 2. HEADQUART registered with UNIVERSI PO BOX 44 OFFICE O CHARLOT          PORT OF RESEARCH FACILITY (TYPE OR PRINT)          2. HEADQUART registered with UNIVERSI PO BOX 44 OFFICE O CHARLOT          ist all locations where animals were housed or used in actual research, testing, teaching, or FACILITY LOCATIONS (Sites)          O          C. Number of animals being bred, conductioned, or held for use in teaching, research, or surgery but not yet used for such purposes.           D. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.           D. O O O	Inumber. The valid OMB control number for this information collection is 0579-0036. The time required to c age 2 hours per response, including the time for reviewing instructions, searching existing data sources, gate eviewing the collection of information.           7U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist as provided for in Section 2150.              1. REGISTRATION NUMBER 52-R-0011            ATES DEPARTMENT OF AGRICULTURE D PLANT HEALTH INSPECTION SERVICE              1. REGISTRATION NUMBER 52-R-0011            PORT OF RESEARCH FACILITY ( <i>TYPE OR PRINT</i> )              1. REGISTRATION NUMBER 52-R-0011            PORT OF RESEARCH FACILITY ( <i>TYPE OR PRINT</i> )              VINVERSITY OF VIRGIN PO BOX 400301            OFFICE OF THE VICE P CHARLOTTESVILLE, V/F              VINVERSITY OF VIRGIN PO BOX 400301            OFFICE OF THE VICE P CHARLOTTESVILLE, V/F              VINVERSITY OF VIRGIN PO BOX 400301            OFFICE OF THE VICE P CHARLOTTESVILLE, V/F              Ist all locations where animals were housed or used in actual research, testing, teaching, or experimentation FACILITY LOCATIONS (Sites)            CONSOLIDATION              C.            B.              C.            Number of animals being bred, conditioned, or held for use in teaching, research, experiments, or tests were conducted involving nesearch, or surgery, or tests were conducted involving nesearch, or surgery, or tests were used.              E.	Inumber. The valid OMB control number for this information age 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data eviewing the collection of information.           7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist aprovided for in Section 2150.         Interagency Report Control No. 0180-DOA.AN           ATES DEPARTMENT OF AGRICULTURE DEPARTMENT OF AGRICULTURE OF PORT OF RESEARCH FACILITY (Name, address, and tele size sources).         1. REGISTRATION NUMBER 52-R-0011           PORT OF RESEARCH FACILITY ( <i>TYPE OR PRINT</i> )         1. REGISTRATION SUPPORT OF VIRGINIA PO BOX 400301           OFFICE OF THE VICE PRESIDENT FOR RESEARCH CH CHARLON TESVILLE, VA 22904         UNIVERSITY OF VIRGINIA PO BOX 400301           OFFICE OF THE VICE PRESIDENT FOR RESEARCH CH CHARLON (Sites)         FACILITY LOCATIONS (Sites)           CONSOLIDATION         Interagency Research, experiments, research, surgery, or tests were conducted involving accompanying pain or distress of the animals and for which teaching, research, experiments, or use of pain-relieving drugs.         D. Number of animals upon which teaching, research, experiments, research, experiments, or use of pain-relieving drugs.         E. Number of animals upon which teaching, research, experiments,			

## ASSURANCE STATEMENTS

13. Other Animals

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.

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2.) Each principal investigator has considered alternatives to painful procedures.

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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).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED 31-JAN-2014

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JUL 2013

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According to the Paperwork F unless it displays a valid OM collection is estimated to aver needed, and completing and	B control number. The valid C rage 2 hours per response, in	OMB control number for this in cluding the time for reviewing	formation coll	ection is 0579-0036.	The time requir	collection of information ed to complete this information hering and maintaining the data	OMB APPROVED 0579-0036	
This report is required by law and to be subject to penalties			ons can result	t in an order to cease	e and desist	Interagency Report Control No. 0180-DOA-AN	Fiscal Year 2013	
	ATES DEPARTMENT D PLANT HEALTH IN	OF AGRICULTURE		1. REGISTRATIO 52-R-0011				
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				<ul> <li>2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)</li> <li>UNIVERSITY OF VIRGINIA</li> <li>PO BOX 400301</li> <li>OFFICE OF THE VICE PRESIDENT FOR RESEARCH</li> <li>CHARLOTTESVILLE, VA 22904</li> </ul>				
REPORT OF ANIMALS USE	D BY OR UNDER CONTROL	OF RESEARCH FACILITY	(Attach additio	onal sheets if necess	sary or use this f	orm.)		
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.	which e teachin surgery conduc accom or distr animals which a anesth	er of animals upon experiments, gr, research, r, or tests were ted involving poanying pain eess to the s and for appropriate etic, analgesic, or lizing drugs were	experime were con pain or di which the analgesic adversely or interpr experime of the pro on these	of animals upon which teaching, nts, research, surgery, or tests ducted involving accompanying stress to the animals and for use of appropriate anesthetic, c, or tranquilizing drugs would hav affected the procedures, results, etation of the teaching, research, nts, surgery, or tests. (An explana cedures producing pain or distres animals and the reasons such dru, used must be attached to this rep	(Cols. C + D + E	
GMABIAN RATS	4	0		0		0	0	
ASSURANCE STATEMENTS	3							

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.

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(6), (b)(7)(c)			DATE SIGNED				
			31-JAN-2014				