2006

y y Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-F-0008

CUSTOMER NO. 438

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, NATIONAL CANCER INSTITUTE

BUILDING 244

	BUILDING 244
	P.O. BOX B
3. REPORTING FACILITY (List all locations of	FREDERICK, MD 21702 (301) 846-1133 n actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	n actual research, tooling (301) 846-1133
	resulting, teaching, or experimentation, or held for these purposes. Attack
See Attached Listing	FACILITY LOCATIONS(sites)
	COCATIONS (sites)

Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in	C. Number of animals upon which teaching, research, experiments, or	which experiments, teaching, research, surgery, or tests were	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 they have to the animals and for which they have the property of the samples and for which they have the samples and for which they have the samples and for which they have the samples are for which they have the samples are the samples are for the samples are th	F. TOTAL N
	teaching, testing, experiments, research, or surgery but not yet used for such purposes.	tests were conducted involving no pain, distress, or use of pain- relieving drugs.	conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	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	OF ANIMA (Cols. C D + E)
4. Dogs		removing drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
Guinea Pigs					
. Hamsters					
Rabbits					
Non-Human Primates					
). Sheep			0		
. Pigs					
Other Farm Animals					
Other Animals					
RANCE STATEMENTS				nesthetic, analgesic, and tranquilizing doug	

- 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 This 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 ade

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) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is	06
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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.

ever See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-F-0025

CUSTOMER NO. 12780

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address; as registered with USDA, WHITE OAK ANIMAL PROGRAM 7519 STANDISH PLACE NOV 2 8 2006 MPN4 ROOM 148

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional See Attached Listing FACILITY LOCATIONS(sites)

A.	B. Number of animals being	C. Number of	(Attach additional sheets if nece D. Number of animals upon	essary or use APHIS FORM 7023A)	
By The Animal Welfare Regulations	bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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 exists.	F. TOTAL N OF ANIMA (Cois. C D + E)
4. Dogs				must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
Rabbits					
Non-Human Primates			30		20
D. Sheep			44		30
. Pigs					44
Other Farm Animals					
Other Animals					
URANCE STATEMENTS Professionally acceptable standa and following actual research, testing the standard professional standard profes					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, 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 This ladding is earning 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 principal investigator and approved by the institutional Anthrai Care and Use Committee (IACUC). A summary of all the exceptions is attached to this attributive principal 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

and did use.	CERTIFICATION TO Ensure	ne provision of adequate veterinary ca	are and to oversee the adequacy of othe	ected.
	(Chief Executive Officer or La	RTERS RESEARCH FACILIT	Y OFFICIAL	
SIGNATURE OF C.E.O. OR INSTITUTE	I certify that the above is true, corr OFFICIAL NAME & TITL	ect, and complete (7 U.S.C. Section E OF C.E.O. OR INSTITUTIONAL	nal official) on 2143)	
AF		TONAL	L OFFICIAL (Type or Print)	DATE SIGNED
(AUG 91)	RM 18-23 (Oct 88), w			771200
			PART 1	- HEADQUARTERS

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

1. REGISTRATION NO. 51-F-0029

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CUSTOMER NO.

12784

CENTER FOR FOOD SAFETY AND APPLIED NUTRITION 5100 PAINT BRANCH PARKWAY COLLEGE PARK, MD 20740

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.) こと ハTミド イル ドラフカ コイデモナイン カアリンド はい (301) 436-2369 search, testing, teaching, or experimentation, or held for these purposes. Attach, additional NUTRITION, \$301 MUNKIR RCL, LOUGEL, IVA 2071

See Attached Listing			FACILITY LOCATIONS(sites)	sommerkirk for, Laufer, my	20708
Center for Food.	Safety & App	oucd Nutr	itim	т.	
S301 Muirkirk REPORT OF ANIMALS USED B	Rd, Laure	mb 207	08	NOV 3 0 20	03
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-	Y (Attach additional sheets if nece 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	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 research.	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
Cats Guinea Pigs					0
7. Hamsters			20		0
8. Rabbits					20
Non-Human Primates			17		17
10. Sheep					0
11 Pigs					0
12. Other Farm Animals					0
-					0
13. Other Animals					
					0
ASSURANCE STATEMENTS					

- 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.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the

	CERTIFICATION BY HEADQUARTERS RESEARCH (Chief Executive Officer or Legally Responsible)	
SIGNATURE OF C.E.O. OF	certify that the above is true, correct, and complete /7 !!	nstitutional official)
AP (AUG 91)	NAME & TITLE OF C. F.O. OR INST	DATE SIGNED
(AOG 91)	100 tool, which is	RT 1 - HEADQUARTERS

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-R-0004

CUSTOMER NO. 80

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) NOV 2 1 2006 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VIRION SYSTEMS INC 9610 MEDICAL CENTER DRIVE SUITE 100 ROCKVILLE, MD 20850 (301) 309-1844

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing nimal Care Procedure

REPORT OF ANIMALS USED BY A.	b. Number of	C. Number of	D. Number of animals upon		
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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				most be discussed to this reporty	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	Constitution absorbed	Control of the contro			
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
otton Rat	20,525	8,063	0	0	2013
S. hispidus					0,060
5. Pulviventer					
ASSURANCE STATEMENTS					

- ards 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.
- 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

	certify that the abo	HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) ove 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 Brief)	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which	LONI	ADQUARTERS



11/8/06

The facility and all aspects of the program are consistent with the PHS Policy, the Guide, and applicable Animal Welfare Regulations with the following exceptions:

Four departures from current animal welfare regulations are approved by the IACUC.

- Rodents experiencing difficulty obtaining feed suspended in a wire bar lid or masticating biscuits are provided feed/fines or moistened feed on the floor of the cage. The committee approved this exception to the Animal Welfare Regulations (AWRs) on June 2, 2003.
- Waste that is or may be perceived to be contaminated by biohazards is disposed of using Medical Pathological Waste boxes which remain uncovered until sealed for incineration. The committee approved this exception to the AWRs on June 2, 2003.
- 3. To produce transgenic cotton rats Animal Study Proposal (ASP 65), surgery must be conducted under a microscope. The microsurgical instruments are sanitized by immersion in 70% ethanol for at least ten minutes, and then air drying or rinsing them with sterile water before use. The tips of the microsurgical instruments are extremely fine. Steam sterilization would ruin the instruments by causing the delicate tips to become brittle and break rendering them unable to grasp tissue properly. Ethylene oxide or gas sterilization is not available. AWRs require sterile instruments be used. Ethanol will not kill spores and, therefore, does not constitute a means of sterilization. The instruments will be cleaned, sanitized, and stored in a manner that minimizes the risk of contamination by spore forming bacteria. Sanitization by immersion in 70% ethanol in lieu of sterilization presents minimal risk to the cotton rats. The committee approved this exception to the AWRs for ASP 65 on November 1, 2004.
- 4. Use of the non-pharmaceutical grade anesthetic Avertin was approved in Virion ASP 65. Avertin will not be used as the primary choice of anesthesia but will be used as a back-up. The chemicals used to make Avertin are not pharmaceutical grade, therefore literature has been reviewed on using Avertin in mice and drug trials have been performed on cotton rats applying those principals to prove Avertin can be used successfully in cotton rats as well as mice. The findings were that Avertin works well, as an anesthetic in cotton rats. It would be used for vasectomizing male cotton rats and for embryonic transfer in the female cotton rat. We also wish to note there were no adverse reactions and/or deaths caused by using Avertin as an anesthetic in cotton rats. However, the large dose size to obtain the desired level of anesthesia makes this type of anesthesia a better selection for a "back-up" anesthesia. Here we also wish to note that the cotton rats in the anesthesia trials showed no adverse reactions



VIRION SYSTEMS

or discomfort due to the volume of Avertin given intraperitoneally. The preparation and storage of the chemicals that are used to make Avertin are strictly controlled to prevent chemical degradation before and after mixing, so there will be no undesirable effects due to chemical break down. The committee approved this exception to the AWRs for ASP 65 on November 1, 2004. The exceptions were also used as a refresher training for the IACUC members on 10/24/05.

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. UNITED STATES DEPARTMENT OF AGRICULTURE

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See reverse side for additional information

Interagency Report Control No 0180-DOA-AN FORM APPROVED

ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 51-R-0008

CUSTOMER NO. 82

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

INSECT CONTROL & RESEARCH INC.

1330 DILLON HEIGHTS AVENUE 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional BALTIMORE, MD 21228 See Attached Listing FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL	OF PECEADOW THE			
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.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	Y (Attach additional sheets if necessary) 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	E. Number of animals upon which leaching, 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 receiving pain or distress in these	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs 5. Cats		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
6. Guinea Pigs					
7. Hamsters 8. Rabbits					
. Non-Human Primates			17		17
0. Sheep					
Pigs Other Farm Animals					
Other Animals					
SURANCE 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, 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 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 institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in principal investigator and approved by the institutional Animal Care and use committee (IACOC). A summary of all the exceptions is attached to this animal 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

SIGNATURE OF C F O OF	CERTIFICATION E	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)		
	DFFICIAL	NAME & TITLE OF C.E.O. OR MOZITION	pe or Print)	DATE SIGNED
AF nis FURM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), v			9/29/06
	_		PART 1 -	HEADQUARTERS

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

1. REGISTRATION NO. 51-R-0009

CUSTOMER NO. 83

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, MEDIMMUNE INC 35 W. WATKINS MILL ROAD

GAITHERSBURG, MD 20878 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional MEDIMMUNE FACILITY LOCATIONS(sites) GAITHERSBURG, MD 20878

Α.	B. Number of	P RESEARCH FACILIT	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain.	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	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 a part or stiff.	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters	3				
8. Rabbits					
Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals	45				
otton rats	182	532			
					532
SURANCE 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.
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of arimal c		to chicare the provision of	adequate veterinary care and to oversee the a	adequacy of other	•
1	(Chief Francis	Y HEADQUARTERS RES	BEARCH FACILITY OFFICIAL		
		Officer or Legally Respo	nsible Institutional official)		
SIGNATURE OF C.E.O					
	TO HONAL OFFICIAL	NAME & TITLE OF C.E.O.	OR INSTITUTIONAL OFFICIAL (Type of		
			TIONAL OFFICIAL (Type of	or Print)	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), v				10/25/2006
(100 31)	,			PART 1 - HE	ADQUARTERS

Interagency Report Control No 0180-DOA-AN FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0011

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, SINAI HOSPITAL OF BALTIMORE INC

CUSTOMER NO.

85

HOFFBERGER #42 2401 W. BELVEDERE AVENUE BALTIMORE, MD 21215

REPORTING FACILITY (List all locations where animals were housed or us sheets if necessary.)	BALTIMORE, MD 21215 (401 W. BELVEDERE AVENUE BALTIMORE, MD 21215 (410) 601-5544 ed in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
See Attached Listing	FACILITY LOCATIONS(sites)
	NOV 2 7 2006

Animals Covered By The Animal Welfare Regulations 4. Dogs	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.	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)	TOTAL NO OF ANIMAL: (Cols. C + D + E)
5. Cats	4			ans report)	
6. Guinea Pigs	T				4
7. Hamsters					7
. Rabbits	1	,			
Non-Human Primates					2
0. Sheep					
1. Pigs					
2. Other Farm Animals					
Other Animals					
URANCE 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.
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- 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

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Research)	er
SIGNATURE OF C.E	(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C. E.O. OF INSTITUTIONAL OFFICIAL (Type or Print)	
AP		DATE SIGNED
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	-HEADQUARTERS

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

1. REGISTRATION NO. 51-R-0012

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CUSTOMER NO.

86

TOWSON UNIVERSITY 8000 YORK RD

TOWSON, MD 21252 NOV 2 3 2005

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing	FACILITY LOCATIONS(sites)	
780)		

	B. Number of animals being		D. Number of animals upon	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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 ANIMAL (Cols. C + D + E)
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
3. Rabbits					0
. Non-Human Primates					0
0. Sheep					0
1. Pigs					0
2. Other Farm Animals					0
					0
3. Other Animals					
					0
SURANCE 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

SIGNATURE OF C.E.O. OR INSTITUTE		BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	53	er
APHI	OFFICIAL VS FORM 18-23 (Oct 88), v	THAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICE	e or Print)	DATE SIGNED
(7.00 31)		accio e federalizatant	PART 1	- HEADQUARTERS

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

1. REGISTRATION NO. 51-R-0013

CUSTOMER NO. 76

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CYTIMMUNE SCIENCES, INC. 9640 MEIDCAL CENTER DRIVE ROCKVILLE, MD 20850 (240) 864-2796

 REPORTING FACILITY (Lis sheets if necessary) 	t all locations where animal	s were housed or used it	actual research testing to set in	(240	CKVILLE, MD 20850 0) 864-2796	
necessary.)			eachin, testing, teachin	g, or experimenta	on the control of the	ditional
See Attached Listing			FACILITY LOCATIONS(sites)		THE THEFT	1
			Con (4) 10 10 10 10 10 10 10 10 10 10 10 10 10		1 112	-
					NOV 1 6 2006	
						+
REPORT OF ANIMALS USED BY A.	Y OR UNDER CONTROL O	E DECEMBON TO			B7:_	
Α.	B. Number of	RESEARCH FACILITY	Y (Attach additional sheets if nece	ssary or use APH	HIS FORM 7023A I	
Animals Covered	animals being	C. Number of animals upon	b. Number of animals upon	E. Number of	animals upon which togeties	
By The Animal	bred, conditioned, or	which teaching,	which experiments, teaching, research,	experiment	S research surgers as to the	F.
Welfare Regulations	held for use in	research, experiments, or	Surgery, or tests were			TOTAL N
	teaching, testing,	tests were	conducted involving		als and for which the use of appropriate analgesic, or tranquilizing drugs would	OF ANIMA
	experiments, research, or	conducted	accompanying pain or distress to the animals			/C-1- 0
	surgery but not	involving no	and for which appropriate			(Cois. C · D + E)
,	yet used for such	pain, distress, or use of pain-	anesthetic, analgesic or	the procedu	s, surgery, or tests. (An explanation of ures producing pain or distress in these	J . L)
	purposes.	relieving drugs.	tranquilizing drugs were used.			
4. Dogs			useu.	must be atta	ached to this report)	
5. Cats						
. Guinea Pigs						
. Hamsters						
Rabbits	0					
Non-Human Primates						0
0. Sheep						
1. Pigs						
2. Other Farm Animals						
. Other Animals						
SURANCE STATEMENTS						
) Professionally acceptable stand	dards governing the				esic, and tranquilizing drugs, prior to, durii	
and following actual research, to Each principal investigator has	eaching, testing, surgery or	eatment, and use of aning	hals, including appropriate use of	anesthetic analog	esic and transmitted	
Each principal investigator has	considered alternatives to a	ainful procedure	blowed by this research facility.	- of all align	oss, and tranquilizing drugs, prior to, during	ng,
principal investigates and	landards and regulations un	der the Act, and it has re	equired that exceptions to the stan	dards and regula	tions be specified and explained by the	
The attending veterinarian for th	C-approved exceptions, this is research facility has appro-	summary includes a brie	ef explanation of the exceptions, a	the exceptions is s well as the spec	tions be specified and explained by the a attached to this annual report. In cies and number of animals affected.	
The attending veterinarian for the aspects of animal care and use.			a adodoste vetel	mary care and to	Oversee the adequacy of albert	
	CERTIFICAL	ION BY HEADON	ADTEDO DEGELERA			
AFURE OF OF)	at the above is true	egally Responsible Inst correct, and complete (7 U.S.C	itutional offi	cial)	
ATURE OF C.F.O. ON INCH	TUTIONIAL CONT.		TLE OF C.E.O. OR INSTITU)	- 1

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED (Replaces VS FORM 18-23 (Oct 88), wh (AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0016

CUSTOMER NO 88

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

HENRY M JACKSON FOUNDATION 1401 ROCKVILLE PIKE, SUITE 600

REPORTING FACILITY (List all locations where animals were housen sheets if necessary)	ROCKVILLE, MD 20850 (301) 424-0800
See Attached Listing	ROCKVILLE, MD 20850 (301) 424-0800 for used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)

Α.	B. Number of	RESEARCH FACILITY	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	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	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 productions are recommended.)	F. TOTAL NO. OF ANIMAL; (Cols. C + D + E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
3. Guinea Pigs					
Hamsters					
Rabbits					
Non-Human Primates	D	0			
). Sheep	0	0	0	0	0
. Pigs					
. Other Farm Animals					
Other Animals					
URANCE 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 appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. 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 This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations us specified and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In principal investigation and approved by the institutional Animal Care and use Committee (IACUC). A suminary or 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

care and use.	CERTIFICATION BY HEADQUARTERS RESEARCH FAC	
SIGNATURE OF CEO OF	certify that the above is true, correct, and complete (7115 C	ILITY OFFICIAL Itional official) Section 2143
	NAME & TITLE OF C. S.O. OR WOOD	DATE SIGNED
API	RM 18-23 (Oct 88), which	9/25/06
		ART 1 - HEADQUARTERS

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

REGISTRATION NO. 51-R-0018

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

UNIVERSITY OF MARYLAND BALTIMORE 10 S. PINE ST. RM G-100, MSTF BLDG. UMAB BALTIMORE, MD 21201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)

VETERINARY RESOURCES BALTIMORE, MD 21201

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	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		7	46	must be attached to this report)	
5. Cats			40		53
6. Guinea Pigs					
7. Hamsters			644		644
8. Rabbits					
9. Non-Human Primates	121		99		99
10. Sheep			523		523
1. Pigs			64		64
2. Other Farm Animals			34		34
3. Other Animals					
errets			16		
					16

- 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 This radiity is adnering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by 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

	,	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional official) he above is true, correct, and complete (7 U.S.C. Section 2143)	er
	ON INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88	S), which is obsolete	11/13/2006

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0020

CUSTOMER NO. FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OMB NO 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with _SDA

90

SCHOOL OF HEALTH PROFESSIONS 7201 ROSSVILLE BLVD, ALLD HLTH & SC BLDG F RM 605

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach udcitional See Attached Listing FACILITY LOCATIONS sites

NOV 2 1 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form. animals being D. Number of animals upon E. Number of animals upon which leaching, experiments, research, surgery or tests were An mais Covered animals upon cred. which experiments, By The Animal which teaching. conditioned, or teaching, research, ·Ve fare Regulations conducted involving accompanying pain or distress research held for use in surgery, or tests were to the animals and for which the use of appropriate experiments, or TOTAL NO conducted involving anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS

	yet used for such purposes.	involving no pain, distress, or use of pain- relieving drugs.	distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	anesthetic, analgesic, or tranquitizing 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.)	(Cols. C + D + E)
4 Dogs		g 0.0g3.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5 Cats			30	#	
6 Guinea Pigs			30		30
7 Hamsters					00
8 Rapbits					
9 Non-Human Primates					
10 Sneep					
11 Pigs					
12 Other Farm Animals					
3 Otner Animais					
SURANCE STATEMENTS 1) Professionally acceptable standards and following actual research, teach					30

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during 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 principal investigator and approved by the institutional Animal Care and Use Continues (MCUC). 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 a

paper's or animal care and use		rovision of adequate veterinary care and to oversee if	imber of animals affected. Te adequacy of other
SIGNATURE OF CE O OP NOTE	certify that the above is true, correct,	and complete (7.11.5.0.0	
	NAME & TITLE OF	FC F 0 00 111 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATE SIGNED
(AUG 91)	3-23 (Oct 88), whice		10/24/06
			ART 1 - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0025

additional information.

CUSTOMER NUMBER: 91

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Maryland College Park Graduate Studies & Research College Park Campus College Park, MD 20742

NOV 5 0 / ...

Telephone: (301) -405-4921

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of animal being bred,		D. Numbe	r of animals upon	ar sneets if necessary or	use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which e teachin surgery conduct accomp distress for which anesthe	g, research, , or tests were ted involving anying pain or to the animals an h appropriate tic, analgesic, or ting drugs were	accompanying pain or the use of appropriate a drugs would have adver or interpretation of the to surgery, or tests, producing pain or Alestea	on which teaching, experiments, as were conducted involving distress to the animals and for what mesthetic, analgesic, or tranquiliz rsely affected the procedures, researching, research, experiments, explanation of the procedures as in these animals and the reasond must be attached to this report	TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	1	useu.				
5. Cats				-	39	1.	
6. Guinea Pigs	0				8		0
7. Hamsters							
8. Rabbits ·	0						0
9. Non-human Primates		5					0
10. Sheep	0						5 .
1. Pigs	0		-				0
2. Other Farm Animals	0	-					O
							0
Goats	Ω	2					_
3. Other Animals		1					2.
Ferrets	2	22					
Bats-Insecti		36	<u>5</u>				27
Bats-fruit	0	4	7				27
SSURANCE STATEMENTS		*					4

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese 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 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 applicable in the standards and regulations of the standards and regulations be specified and explained by the principal investigator and applicable of the standards and regulations be specified and explained by the principal investigator and applicable of the standards and regulations be specified and explained by the principal investigator and applicable of the standards and regulations under the Act. 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.

2	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY (Chief Executive Officer or Legally Responsible Institutional O	and to oversee the adequacy of other aspects of animal care and use. OFFICIAL Official \
	7 88), which is obsolete.)	DATE SIGNED

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. UNITED STATES DEPARTMENT OF AGRICULTURE

2006 See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0029

CUSTOMER NO. 476

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

NOVASCREEN BIOSCIENCES CORPORATION 7170 STANDARD DRIVE

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional HANOVER, MD 21076 FACILITY LOCATIONS(sites) See Attached Listing

A.	B Number of	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	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 reproducing and the procedures reproducing a second and the procedures reproducing and the procedures reproducing a second and the procedures reproduced anotation and the procedures reproduced and the procedures reproduc	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
3. Guinea Pigs		208			
. Hamsters		~0			
Rabbits					4
Non-Human Primates					
D. Sheep					
I. Pigs					
2. Other Farm Animals					
Other Animals					
SURANCE 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 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 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 binef 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

aspects of animal care and use.	CERTIFICATION BY HEADQUARTERS DES	adequate veterinary care and to oversee the adequacy of other
SIGNATURE OF C.E.O. OR INSTITUTE	Legally Respon	EARCH FACILITY OFFICIAL nsible Institutional official)
	NAME & TITLE OF C.F.O.	AD INCTITUTE.
ALTHIS FORM / UZ3 (Replaces (AUG 91)	/S FORM 18-23 (Oct 88), whi	10/13/06
	/	PART 1 - HEADQUARTERS

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. UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See reverse side for

Interagency Report Control No 0180-DOA-AN

additional information. 1. REGISTRATION NO. 51-R-0034

CUSTOMER NO. 505

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

UNIVERSITY OF MARYLAND DENTAL SCHOOL NOV 2 9 2006 666 W. BALTIMORE ST 3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing FACILITY LOCATIONS(sites)

Animals Covered By The Animal Welfare Regulations 4. Dogs	conditioned, or held for use in leaching, 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.	Y (Attach additional sheets if neces 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 leaching, 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 result drugs were not used	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
	0	0	(2)	must be attached to this report)	
5. Cats	0	0	^		C
6. Guinea Pigs	0		0	C)	(7)
7. Hamsters	0	75	0	0	0
3. Rabbits	0		0	0	0
). Non-Human Primates	0	- 0	0	0	0
0. Sheep	0	0	0	0	()
1. Pigs	0	-0	0	0	0
2. Other Farm Animals	0	-02	0		0
		0	0	0	0
. Other Animals	()				(·
		0	0	()	
					()
Professionally acceptable standa and following actual research, te Each principal investigator has					

- 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 feeding surgery or experimentation were followed by this research feelility. 2) Each principal investigator has considered alternatives to painful procedures.
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- 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

- Care	CERTIFICATION BY HEADQUARE Provision of adequate veterinary care and to oversee the adequacy of other
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL [Chief Executive Officer or Legally Responsible Institution.]
CIONI	(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7.11.5.0. Sectional official)
SIGNATURE OF C.E.O. O	IR INSTITUTION (Certify that the above is true, correct, and complete institutional official)
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED
	DATE SIGNED
APHIS FURIN /023	
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete
	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0036

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) NOV 2 7 2006

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, BIOQUAL INC 9600 MEDICAL CENTER DRIVE

CUSTOMER NO.

93

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional See Attached Listing

FACILITY LOCATIONS(sites)

9600 Medical Center Drive, Rockville, MD

12301 Parklawn Drive, Rockville, MD

2501 Research Blvd., Rockville, MD

Animala C	B. Number of animals being	C. Number of	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	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 Iranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures results)	F. TOTAL NO OF ANIMAI (Cols. C + D + E)
4. Dogs			used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits		563			
. Non-Human Primates	259	675	22		585
0. Sheep		0/3	373		
1. Pigs					1,048
2. Other Farm Animals					
Chickens		1,470			
Other Animals		177/0			1 470
Ferrets		150			1,470
		158	10		
					168
URANCE STATEMENTS				esthetic, analgesic, and tranquilizing drugs, prior, to, gives	

- 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, leaching, 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 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 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 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

or drifthal care and t	ise sppropriate authority to ensure the provision of adequate velocions	re species and number of animals affected.
SIGNATURE OF C.F.O. OR IN	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY (Chief Executive Officer or Legally Responsible Institutional Control of	OFFICIAL I official)
APH	NAME & TITLE OF C.E.O. OR INSTITUTIONAL	DEFICIAL CE
(AUG 91)	Replaces VS FORM 18-23 (Oct 88), which	11/21/06
		PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0038

CUSTOMER NO. 94

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CAMBREX BIO SCIENCE WALKERSVILLE INC 8830 BIGGS FORD RD WALKERSVILLE, MD 21793-0127

REPORTING FACILITY (List all locations where animals were housed or used sheets if necessary).	WALKERSVILLE, MD 21793-0127
REPORTING FACILITY (List all locations where animals were housed or used in actual reserves if necessary.) CAMBREX BIO SCIENCE WALKERSVILLE INC FACILITY LO WALKERSVILLE INC FACIL	earch, testing, teaching, or experimentation, or held for these purposes. Attach additional OCATIONS(sites)
THERENOVILLE, MD 21793	SCATIONS(sites)
CAMBREX BIO SCIENCE WALKERSVILLE INC WALKERSVILLE, MD 21793	

Α.	B. Number of	C. Number of	Y (Attach additional sheets if nece	issary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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	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 as in (An explanation of	TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
6. Guinea Pigs				,	
7. Hamsters					
3. Rabbits					
). Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
. Other Animals					
pats	4				
rros	<u> </u>		47		47
			3		3
SURANCE STATEMENTS) Professionally acceptable stand and following actual research to					3

- 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 This raching 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 a 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

	O-KIII ICATION	BY HEADOLIADTEDA	of adequate veterinary care and to overse		
SIGNATURE OF C.E.O.	OR INSTITUTIONAL OFFICIAL	e above is true, correct, and cor	SEARCH FACILITY OFFICIAL consible Institutional official) mplete (7 U.S.C. Section 2143) D. OR INSTITUTIONAL OFFICIAL (
			OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88),	which is obsolete			11/28/2006
(*)				PART 1 - I	HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0046

CUSTOMER NO. 745

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, THOMAS D MORRIS INC 4001 MILLENDER MILL ROAD

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional See Attached Listing FACILITY LOCATIONS(sites)

Α.	B. Number of	C Number (Y (Attach additional sheets if nece	DEC U 1 2006	
Animals Covered By The Animal Welfare Regulations 4. Dogs	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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)	TOTAL NO OF ANIMAL (Cois. C + D + E)
5. Cats	0	0	0	and report)	
1	0	. 0	0	. 0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0		0	0
3. Rabbits	0	0	0	0	0
. Non-Human Primates	0	0		0	0
0. Sheep	0		0	0	0
1. Pigs	0	0	177	0	
2. Other Farm Animals	0	0	95	0	177
		0	143	0	95
cattle	0	0	5		143
Other Animals	0	0	0	0	5
				0	0
URANCE STATEMENTS) Professionally acceptable standar and following actual research, tea					

- 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 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 Lieu Committee (IACLIC). A summary of all the exceptions is attached to this annual report in Inis 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

	and use.	the provision of adequate veterings, core and thumber of animals affected.
1		RTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or La	RTERS RESEARCH FACILITY OFFICIAL gally Responsible Institutional official) rect, and complete (7.11.5.0.5 cm.)
SIGNATURE OF C.E.O.	R INSTITUTIONAL CONTROL NAME & TITLE	gally Responsible Institutional official)
	PIAL NAME & TITE	gally Responsible Institutional official) rect, and complete (7 U.S.C. Section 2143) LE OF C.E.O. OR INSTITUTIONAL OFFICIAL (T
		DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	11/20/00
(200 31)	(Set 55), which is obsolete	
		PART 1 - HEADQUARTERS

Interagency Report 8

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0050

CUSTOMER NO. 513

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

BIOMEDICAL RESEARCH INSTITUTE 12111 PARKLAWN DRIVE

(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing FACILITY LOCATIONS(sites)

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.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic analogic are	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 surface.	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs	porposes.	relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
3. Guinea Pigs					
. Hamsters			254	2	
Rabbits			354		354
Ncn-Human Primates					
D. Sheep					
. Pigs					
Other Farm Animals					
Other Animals					
URANCE 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 IACLIC-anomous expensions, this summary includes a brief exclanation of the exceptions, as well as the species and number of animals affected. principal investigator and approved by the institutional Animal Care and use Committee (IACUC). A summary or 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

CE	ERTIFICATION BY HEADQUARTERS RESEARCH FACILITY Chief Executive Officer or Legally Responsible to the Property of the Property	
SIGNATURE OF C.E.O. OR INSTITUTION	I certify that the above is true, correct, and complete (7) is a	al official)
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL	OFFICIAL (Type pr Print) DATE SIGNED
(AUG 91)	RM 18-23 (Oct 38), which is obsolete	10/3/06
	300 300 300 300 300 300 300 300 300 300	PART 1 - HEADQUARTERS

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See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0051 CUSTOMER NUMBER: 96

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Spring Valley Laboratories, Inc.

Spring Valley Laboratories Inc 1500 Fannie Dorsey Rd Sykesville, MD 21784

Telephone: (410) -795-2222

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 Atached Listing

A.	B. Number of animal	C. Number of	RCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)				
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or franquitized rugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be a tached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs			used.	Терит			
5. Cats							
6. Guinea Pigs							
7. Hamsters			23				
8. Rabbits	599				23		
9. Non-human Primates	317		.878				
10. Sheep	2				878		
11. Pigs	2						
12. Other Farm Animals	_~				1		
goats	10	<i>A</i>					
13. Other Animals	70	8	2		10		
Ferrets	30				10		
ASSURANCE STATEMENTS							

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing one is, prior to, during, and following actual research 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 applications to the standards and regulations be specified and explained by the principal investigator and applications to the standards and regulations be specified and explained by the principal investigator and applications to the standards and regulations be specified and explained by the principal investigator and applications to the standards and regulations to the standards are standards are standards are standards. 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 applicability and a standard of the standard of th
- 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)
SIGNATUREDELL	NO DESCRIPTION OF THE PROPERTY
2Line	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type c. vint) DATE SIGNED
PHIS PORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

	JAL REPORT O	F RESEARCH F	Site Site 1523 Suite	k Corporation k Research Laboratories 35 Shady Grove Road	FORM APPROVE ONB NO. 0579-00
			In actual research, teeting, or expens	rentation, or hald for these purposes. Attach adde	
A.	S USED BY OR UNDE	R CONTROL OF RESEA	RCH FACILITY (Attach addison	nal sheets if necessary or use APHIS For	
Animals Covered By The Animal Welfare Regulations 4. Dogs	B. Namber of animal being bred, canditioned, or held for use in baching, leading, leading, experiments, research, or stringer) but not yet used for such purposes.	which teeching, research, experiments, or lests were	D. Number of animals upon which expariments, leaching, research, surgery, or least were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or languillaring drups were used.	E. Number of animals upon which teaching, research, surgery or teets were conducted accompanying; pain or distress to the animal me use of appropriate anesthetic, analysis drugs would have adversely affected the por interpretation of the teaching, research; surgery, or teets; (An explanation of the producing paint or distress in these animals such drugs were not used must be attached.	experiments, involving mals and for white contranguing moderness research coordinates and contranguing coordinates (COLINA COORDINA COORDI
5. Cats	0				
. Guinea Pigs					
Hemisters	0		1		
Rabbits	0				
Non-human Primates	g				
Sheep	0				
Pige	10				
Other Farm Animals	0				
	0				
Other Animals	141				
RANCE STATEMENTS					
Profesionally acceptable sa	CONTE DOMESTIC		-		
Each principal impantation	experimentation wore folk	in treatment, and use of shirt tweet by this research facility.	is, including appropriate use of anes	stellic, anatogate (and	
ANT TO THE STREET OF THE	Song, so well at the speck this research facility has a	soundary of all such excess and number of animals affine soundary to ensure RTIFICATION TO A STATE OF THE STATE OF T	ON SG WALL BY COOKIES OF THE SE	s and regulations be specified and explained by the part. In addition to Identifying the LACCC-approved care and to overhead the adequacy of other aspects of Official	
			NAME & TITLE OF CO.	or Print)	DATE SIGNED

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

1. REGISTRATION NO. 51-R-0057

CUSTOMER NO. 691

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, OSIRIS THERAPEUTICS INC 2001 ALICEANNA STREET

BALTIMORE, MD 21231 (410) 522-5005

See Attached !!				(410) 522-5005 ng, or experimentation, or held for these purposes. Attach a	dditional
See Attached Listing			FACILITY LOCATIONS(sites)	BEGGE	TOTAL
				NOV.	
				NUA A A SI	706
EPORT OF ANIMALS USED B	Y OR UNDER CONTROL	OF DECEMBER 1		essary or use APHIS FORM 7023A)	
	B. Number of	C. Number of	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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 ANIMA (Cols. C D + E)
Cats				enseries to this report)	0
Guinea Pigs					0
Hamsters					0
Rabbits					0
Non-Human Primates					0
Sheep					0
Pigs					0
Other Farm Animals					0
				1	0
ther Animals					
					0
RANCE 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.
- 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 This radnity 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

and drinner ca	and provision of adeq	tuate veterinary care and to oversee the adequacy of other
	TOATION BY HEADOLIADTERS	A STATE OF THE STA
	(Chief Executive Officer or Legally Book	RCH FACILITY OFFICIAL
SIGNATURE OF C.E.O.	(Chief Executive Officer or Legally Responsite I certify that the above is true, correct, and complete NAME & TITLE OF COMPANY OF THE OFFICIAL NAME & TITLE OF COMPANY OF THE OFFICIAL NAME & TITLE OF COMPANY OF THE OFFIC	ole Institutional official)
	NAME & TITLE OF C.E.O. OR	
<u> </u>		DATE SIGNED
APHIS FORM 7023		
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), whi	2-8 NHVL
		PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations See attached form for UNITED STATES DEPARTMENT OF AGRICULTURE Interagency Report Control No.: additional information

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0059 CUSTOMER NUMBER: 1636

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

FORM APPROVED OMB NO. 0579-0036

Advanced Bioscience Labs., Inc. 5510 Nicholson Lane Kensington, MD 20895

DEC 1 8 2006

Telephone: (301) -881-5600

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 Atached Listing

	B. Number of animals being	C. Number of	P. Number of animals F. Number of animals F. Number of animals				
Ahimals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which	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.	F. TOTAL NUMBE OF ANIMALS (COLUMNS		
4. Dogs		relieving drugs.	appropriate anesthetic, a	producing pain or distress in these animals and the reasons such drugs were not used must be attached to	C+D+E)		
5. Cats				onedied to			
6. Guinea Pigs							
7. Hamsters							
8. Rabbits							
9. Non-human Primate	75	10					
0. Sheep	75	348	125				
1. Plgs					473		
2. Other Farm Animals							
. Other Animals							
SURANCE STATEMENTS							

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research transport to a surgest of a surgest of animals and transport to a surgest of 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 invasibation and appeared by the Institutional Animal Care and Lies Committee (IACLIC). A summary of all such ascentions is attached to this appear is addition to identifying The required advantage of 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
- 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

SIGNATURE OF C	-	CERTIFICATION BY H (Chief Executive Office	HEADQUARTERS RESEAR	Veterinary care and to overse CH FACILITY OFFICIAL Institutional Official	e the adequacy of other aspec	cts of animal care and
			NAME & TITLE OF C.E.O.			DATE SIGNED
(AUG 91)	OCT 8	8), which is obsolete.				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0060

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV 2 8 2006

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CUSTOMER NO.

1647

UMBI ANIMAL CORE FACILITY MBCRF 1ST FL SOUTH, 725 W LOMBARD ST

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)

Α.	I SONTROL (F RESEARCH FACILIT	Y (Attach additional at		
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 lests 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 N OF ANIMA (Cois. C D+E)
5. Cats				to this report)	
. Guinea Pigs		20			
Hamsters					20
Rabbits	20		12.5		
Non-Human Primates	23		32		145
Sheep					55
Pigs			4		4
Other Farm Animals					
zoats			25		
Other Animals			23		25
RANCE STATEMENTS			ls, including appropriate use of an		

- 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 fearling surgests 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 original investigator and approved by the Institutional Animal Care and the Committee (IACLIC). A summary of all the exceptions is attached to this approximation Inis racility is adnering 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 an	CERTIFICATION BY HEADOW	eveterinary care and to oversee the adequacy of other
SIGNATURE	(Chief Executive Officer on Land RESEARC	H FACILITY OFFICIAL
SIGNATURE OF C.F.O. OP	I certify that the above is true, correct, and complete (7	U.S.C. Section 2143)
		DATE SIGNED
APHIS FORM 7023	(Replaces VS FORM 18-23 (Oct 88), whice	
(AUG 91)	Oct 88), whic	11/27/20ce
		PART 1 - HEADQUARTERS

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

1. REGISTRATION NO. 51-R-0061

CUSTOMER NO. 1668

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, HUMAN GENOME SCIENCES INC 14200 SHADY GROVE ROAD

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional HUMAN GENOME SCIENCES, INC. FACILITY LOCATIONS(sites) ROCKVILLE, MD 20850

^.	B. Number of	RESEARCH FACILITY	Y (Attach additional sheets if non-	22222	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain.	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	essary or use APHIS FORM 7023A) 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 the second content of the procedures producing pain or distress in these	F. TOTAL NC OF ANIMAL (Cols. C + D + E)
4. Dogs		relieving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats 6. Guinea Pigs					
. Hamsters					
Rabbits					
Non-Human Primates 3. Sheep					
. Pigs					
Other Farm Animals					
Other Animals					
JRANCE 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 This admitty is agreeing 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 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 are unlikely to the approved as a first explanation of the exceptions are unlikely to the approved as a first explanation of the exceptions. principal investigator and approved by the institutional Animal Care and use committee (IACUC). A summary or 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 a	the provision of adequate veterinary care	f animals affected. Juacy of other
SIGNATURE OF C.E.O. OR	(Chief Executive Officer or Legally Responsible Institutional official)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pi	rint) DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which is obsolete	10/10/2006

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. UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

on

See reverse side for additional information.

Interagency Report Control No

1. REGISTRATION NO. CUSTOMER NO. 51-R-0072

0180-DOA-AN FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV 2 1 2006

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

MID-ATLANTIC STATES VETERINARY CLINIC

8015 CORPORATE DRIVE SUITEA

REPORTING FACILITY (List all locations where animals were house sheets if necessary.)	BALTIMORE, MD 21236 (410) 931-3332
See Attached Listing	BALTIMORE, MD 21236 (410) 931-3332 ed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEADS	

	B. Number of animals being	C. Number of animals upon	D. Number of animals upon	essary or use APHIS FORM 7023A)	
By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drups were	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 exited.	F. TOTAL NO OF ANIMAL (Cols. C + D+E)
4. Dogs	2	reneving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
6. Guinea Pigs					- 1.01
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
Other Animals					
SURANCE STATEMENTS			is, including appropriate use of an		

- 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 This racility 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 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

appears of animal can	CERTIFICATION BY HEAD	Densure the provision of adequate veterinary care and to oversee the adequacy of other DQUARTERS RESEARCH FACILITY OFFICIAL Or Legally Responsible least the street of t
SIGNATURE OF C.E.O.	Certify that the above is to	or Legally Responsible Institutional official) rue, correct, and complete (7 U.S.C. Section 2143) DATE SIGNED
Al 1115 FURM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), whice	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-R-0073

CUSTOMER NO. 12786

FORM APPROVED OMB NO. 0579-0036

ANNUAL	REPORT	OF	RESE	ARCH	FACILITY	ī
	(77/0				LACITIA	VI.

(TYPE OR PRINT)

MOV 0 6 7363

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

AVALON

20358 SENECA MEADOWS PARKWAY

3. REPORTING FACILITY (List all locations where animals were thoused or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing			FACILITY LOCATIONS(sites)	Attach ac	dditional
REPORT OF ANIMALS USED E	BY OR UNDER CONTROL (
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments,	C. Number of animals upon which teaching, research, experiments, or tests were	Y (Attach additional sheets if nece D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or an experiment.	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 transultizing of accompanying pain.	F. TOTAL NO. OF ANIMALS

	B. Number of	C. Number of	D. W. additional sheets if nece	essary or use APHIS FORM 7023A)	
By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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 drups were	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 resolutions)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs			used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
3. Guinea Pigs					
. Hamsters					
. Rabbits		68			
Non-Human Primates		00			
). Sheep					
. Pigs					
Other Farm Animals					
Other Animals					
URANCE STATEMENTS					
Professionally acceptable standa and following actual research, too	rds governing the care, trea	atment, and use of animal	s including	nesthetic, analgesic, and tranquilizing drugs, prior to, during,	
Each principal investigator has co This facility is adhering to the star principal investigator and approve addition to identifying the Marie	Insidered alternation	experimentation were folio	owed by this research facility	nesthetic, analgesic, and tranquilizing do	

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 IACLIC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 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.

aspects of assertinarian for this rese	uthority to ensure the provision of adequate veterinary care and to	s attached to this annual report. In the same and number of animals affected.
SIGNATU	Y HEADQUARTERS RESEARCH FACILITY OFF Officer or Legally Responsible Institutional office is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. 2021	ICIAL
APHIS FO (AUG 9	MAINE & THE OF CE O OR THE	L (Type or Print) DATE SIGNED
AUGS	ct <u>l</u>	PART 1 - HEADQUARTERS

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 SEP additional information

CUSTOMER NO. 13764

2 8 2006 Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0075

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

BIOSYNEXUS INCORPORATED

9298 GAITHER ROAD 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional See Attached Listing FACILITY LOCATIONS(sites)

~	B Number of	RESEARCH FACILIT	Y (Attach additional sheets 4		
Animals Covered By The Animal Welfare Regulations 4. Dogs	animer of animers 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 ANIMAL (Cols. C + D + E)
5. Cats				steared to this report)	
5. Guinea Pigs					
. Hamsters					
Rabbits					
Non-Human Primates					
. Sheep					
Pigs					
Other Farm Animals					
Other Animals					
otton Rats	Ø	60			
		1			60
JRANCE STATEMENTS Professionally acceptable standar and following actual research, teal					

- 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 appropriate factoring the factoring of all the exceptions is attached to this approach in This racinty 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 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 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

corpora of animal care and	CERTIFICATION BY HEADOWS	pecies and number of animals affected. It to oversee the adequacy of other
SIGNATURE ON C.E.O. OPI	(Chief Executive Officer or Legally Responsible Institutional o	FFICIAL fficial)
	I certify that the above is true, correct, and complete (7 U.S.C. Section 21	43)
APHIS FOR		DATE SIGNED
(AUG 9	8-23 (Oct 88), which i	255ept06
		PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-R-0076

CUSTOMER NO. 17320

FORM APPROVED OMB NO. 0579-0036

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ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

OTSUKA MARYLAND MEDICINAL LABORATORIES LLC 9900 MEDICAL CENTER DRIVE

 REPORTING FACILITY (L sheets if necessary.) 	ist all locations where anima	als were housed or used	in actual research testing teach	9900 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850 (301) 424-9055 ing, or experimentation, or held for these purposes. Attach a	BORATORIES LLC
See Attached Listing			FACILITY LOCATIONS(sites)	- BERIVE	TI
By The Animal Welfare Regulations	BY OR UNDER CONTROL Of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	OF RESEARCH FACILITY C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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	essary or use APHIS FORM 7023A) 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 are	F.
4. Dogs 5. Cats		enering grogs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
6. Guinea Pigs					0

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 received to the care treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, 2) Each principal investigator has considered alternatives to painful procedures.

Hamsters

9. Non-Human Primates

12. Other Farm Animals

13. Other Animals

8. Rabbits

10. Sheep

11. Pigs

- 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 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 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 principal investigator and approved by the institutional Animal Care and use Committee (IACUC). A summary of all the exceptions is attached to this animal 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

		provision of adequate veterinary care and to oversee the adequacy of other ERS RESEARCH FACILITY OFFICIAL IV Responsible Leading 1997
SICNATURE	(Chief Executive Officer or Legally	ERS RESEARCH FACILITY OFFICIAL ly Responsible Institutional official)
SIGNATURE OF C.E.O.	OR INSTITUTIONAL COLLAR NAME & TITLE O	OF C F O OR West 2143)
API		FICIAL (Type or Print) DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which	11-10-06
		PART 1 - HEADQUARTERS

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

our See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0077

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

CUSTOMER NO.

17508

TACONIC ANMED 7676 STANDISH PLACE ROCKVILLE, MD 20855

REPORTING FACILITY (List all locations where animals were housed or used in actual research, te sheets if necessary.) See Attached Listing FACILITY LOCATION FACILITY LOCATION FACILITY LOCATION See Attached Listing	7676 STANDISH PLACE ROCKVILLE, MD 20855 (301) 762-0366
See Attached Listing FACILITY LOCATION	esting, teaching, or experimentation, or held for these purposes. Attach additional DNS(sites)

Α.	B. Number of animals being	C. Number of	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations 4. Dogs	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
5. Cats	0	0	0	0	0
6. Guinea Pigs	79	79	0	0	0
7. Hamsters	0	0	0	O	79
Rabbits	0	0	0	O	0
. Non-Human Primates	0	0	0	0	0
0. Sheep	0	O	0	0	0
. Pigs	0	0	0	0	0
. Other Farm Animals	0	0	0	Ó	0
			0	0	0
Other Animals	0	0	0		
			0	O	0
Professionally acceptable standa and following actual research, tea					

- 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 rms admitty is agreeing 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 over aspects of animal care and use.

dispects of animal car	CERTIFICATION BY HEADQUAR	es and number of animals affected. eversee the adequacy of other
SIGNATURE	(Chief Executive Officer or Legally Responsible Institutional Offi	CIAL
SIGNATURE OF C.E.O.	OR INSTITUTE OF CE O OR INSTIT	
APING FORM 7023		DATE SIGNED
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), which	10/26/06
		PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0081

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CUSTOMER NO.

29327

INNOVATIVE CONSULTANTS LLC

REPORTING FACILITY (List all locations where animals were housed or used sheets if necessary.)	10999 RED SUN BLVD SUITE 112 OWINGS MILLS, MD 21117 (410) 363-9899 FACILITY LOCATIONS To the consult ANT'S LLC OWINGS MILLS, MD 21117 (410) 363-9899
See Attached Listing	FACILITY LOCATIONS(sites)

Animals Covered	B. Number of animals being	C. Number of	D. Number of animals upon	essary or use APHIS FORM 7023A)	
By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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 drups were	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 resolved)	F. TOTAL NO OF ANIMA (Cols. C + D + E)
4. Dogs		reneving drugs.	used.	animals and the reasons such drugs were not used	
5. Cats					
. Guinea Pigs					
Hamsters		44			
Rabbits		141			
Non-Human Primates		2141			
Sheep	1	1			
Pigs	. *	1		_	
Other Farm Animals	10	/ //			
Other Animals	N				
- mindo					_
	Ø				
JRANCE STATEMENTS				nesthetic, analgesic, and tranquilizing drugs, prior to during	

- 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 IACLIC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary or all the exceptions is attached to this animal 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

dispects of animal care	CERTIFICATION BY HEADQUAR	the provision of adequate veterinary care and to oversee the adequacy of other RTERS RESEARCH FACILITY OFFICIAL
APING FURM 7023 (AUG 91)	OFFICIAL OFFICIAL THE ABOVE IS true, corre	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0082

CUSTOMER NO. 33766

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

BIORELIANCE INVITROGEN BIOSERVICES 14920 BROSCHART ROAD

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional ROCKVILLE, MD 20850

BIORELIANCE INVITROGEN BIOSERVICES FACILITY LOCATIONS(sites) ROCKVILLE, MD 20850

Α.	B. Number of	C Number of	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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	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 procedures procedures procedures procedures procedures procedures procedures procedures.)	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
4. Dogs		reneving drugs.	used.	animals and the reasons such drugs were not used must be attached to this report)	
5. Cats					
6. Guinea Pigs		-			
7. Hamsters		534	2050		2584
B. Rabbits		318	1300		1618
. Non-Human Primates		229			229
0. Sheep					223
1. Pigs					
2. Other Farm Animals					
. Other Animals					
BURANCE STATEMENTS) Professionally acceptable stand and following actual research, te					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, 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 This recently is admening 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 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

SIGNATURE OF C.E.O.	CERTIFICAT (Chief Exec	TION BY HEADQUARTERS RESEARCH FACILIT cutive Officer or Legally Responsible Institution that the above is true, correct, and complete (7 U.S.C. Section 1)	TY OFFICIAL nal official)	ected.
		NAME & TITLE OF C.E.O. OR INSTITUTIONS	ICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct	:t 88), which is obsolete		11/30/2006

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

1. REGISTRATION NO. 51-R-0083

CUSTOMER NO. 533

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, AMERICAN RED CROSS 15601 CRABBS BRANCH WAY

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) animals being D. Number of animals upon Animals Covered E. Number of animals upon which teaching, animals upon bred. which experiments, By The Animal which teaching, experiments, research, surgery or tests were conditioned, or Welfare Regulations teaching, research, conducted involving accompanying pain or distress research, held for use in surgery, or tests were to the animals and for which the use of appropriate experiments, or TOTAL NO. teaching, testing, conducted involving tests were anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS experiments. accompanying pain or have adversely affected the procedures, results, or conducted research, or distress to the animals interpretation of the teaching, research, involving no (Cols. C+ surgery but not and for which appropriate pain, distress, or experiments, surgery, or tests. (An explanation of D + E) yet used for such anesthetic, analgesic, or use of painthe procedures producing pain or distress in these purposes. tranquilizing drugs were animals and the reasons such drugs were not used relieving drugs used 4. Dogs must be attached to this report) 5. Cats 6. Guinea Pigs 7. Hamsters 6 8. Rabbits 6 9. Non-Human Primates 10. Sheep 11. Pigs

ASSURANCE STATEMENTS

12. Other Farm Animals

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, 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 This recuirty is agreeing to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by 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 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

SIGNATURE OF C.E.O. OR INSTITUTION	CERTIFICATION BY HEADQUARTERS RESEARCH (Chief Executive Officer or Legally Responsible Ir I certify that the above is true, correct, and complete (7 U. NAL OFFICIAL NAME & TITLE OF OF OTHER	FACILITY OFFICIAL nstitutional official)
APHIS FORM TOO	THE OF C.E.O. OR INSTI	Or Print) DATE SIGNED
(AUG 91)	S FORM 18-23 (Oct 88), which is obsolete	10/09/2006

:Juz

This report is required by la result in an order to cease a

¿C 2143). Failure to report according to the regulations can sist 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 ST ANIMAL ANI S DEPARTMENT OF AGRICULTURE ANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-V-0010

CUSTOMER NO. 742

BALTIMORE, MD 21201

FORM APPROVED OMB NO. 0579-0036

ANNUAL RE	PORT	OF F	RESEA	RC	R	FA	CI	TT	,
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(TYPE OR PRINT)

NOV 0 6 200

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VA MEDICAL CENTER RESEARCH SERVICE (151) 10 NORTH GREENE STREET

3. REPORTING FACILITY (List all lications where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing

FACILITY LOCATIONS(sites)

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 tranquitizing 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 ANIMAL: (Cols. C + D + E)
4 Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			3,859		3,859
8. Rabbits			1		1
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
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, treaching, 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 E	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive	Officer or Legally Responsible Institutional official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICE

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete