1 2 2006

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. CUSTOMER NO. 14-F-0002 446

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, U.S.ARMY RSCH INST OF ENVIOR MED

COMMANDER KANSAS STREET, BLDG 42 NATICK, MA 01760

REPORTING FACILITY (List all locations where animals were housed or sheets if necessary.)	r used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
See Attached Listing	FACILITY LOCATIONS(sites)
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF	

Α.	B. Number of	C NESEARCH FACILIT	Y (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations 4. Dogs	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 I OF ANIM. (Cols. C D+E)
5. Cats					0
3. Guinea Pigs					0
. Hamsters					0
. Rabbits					0
Non-Human Primates					0
). Sheep					0
. Pigs					0
Other Farm Animals					0
					0
Other Animals					
					0
JRANCE STATEMENTS Professionally acceptable standard and following actual research, teach					

- 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

	CERTIFICATION BY HEADQUARTERS RESEARCH FACIL (Chief Executive Officer or Legally Responsible Institution in above is true, correct, and complete (2 H.S. O. O.)	
(noosi) V	NAME & TITLE OF C.E.O. OR INSTITUTION which	onal official)
		FARI 1 - HEADQUARTERS

additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 14-F-0010

CUSTOMER NO. 645

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,

include Zip Code)

NATIONAL MARINE FISHERIES SERVICE AQUARIUM 166 WATER STREET WOODS HOLE, MA 02543

(508) 495-2229

	(500) 455-2225
REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.)	h, testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ATIONS(sites)
See Attached Listing	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				4	
HARBOR SEAL	1	1	0	0	1
SEAL					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of arithmicale are	10 036.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	CONCENTRATION OF THE PROPERTY
	l codific that the above is true, correct, and complete (7 U.S.C. Section 2143)	
		9/19/06
	which	HEADQUARTERS
(AUG 91)		

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. 14-R-0003

CUSTOMER NO. 100

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) DANA-FARBER CANCER INSTITUTE

44 BINNEY ST ONE JIMMY FUND WAY BOSTON, MA 02115

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) ANIMAL RESOURCES FACILITY TULANE REGIONAL PRIMATE CENTER BOSTON, MA 02215 COVINGTON, LA 70433 MD ANDERSON CANCER CENTER MILLBROOK/IMMUNOSERV BASTROP, TX . AMHERST, MA 01004-0562

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					41
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		11			
					3)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive	e Officer or Legally Responsible Institutional official)
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/29/2006

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. 14-R-0004

CUSTOMER NO. 101

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, include Zip Code) PINE ACRES RABBITRY/FARM

299 E. MAIN STREET NORTON, MA 02766 (508) 285-7391

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 SAME AS ABOVE

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-relieying drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	52	Temes - Blood	7/	NA	102
5. Cats		(Barrellauna)	-	NA	
6. Guinea Pigs			-	NA	
7. Hamsters	tau-	Name of Street, Street	-	N/A	
8. Rabbits					
9. Non-Human Primates	96		147		147
10. Sheep	8	8/00 P.	14	-	18
11. Pigs	63	No. of	116	_	116
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, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	synaculroints/septis/7/15
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10.1.06
EOPM 18-23 (Oct 88	PART	1 - HEADQUARTERS

(AUG 91)

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. 14-R-0009

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, include Zip Code) BOSTON UNIVERSITY MEDICAL SCHOOL

715 ALBANY STREET, W-707 BOSTON, MA 02118 (617) 638-4089

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 sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon F. Number of animals upon which teaching C. Number of A. experiments, research, surgery or tests were animals being animals upon which experiments, TOTAL NO. conducted involving accompanying pain or distress Animals Covered bred. which teaching, teaching, research, to the animals and for which the use of appropriate OF ANIMALS conditioned, or surgery, or tests were By The Animal research. Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, accompanying pain or have adversely affected the procedures, results, or interpretation of the teaching, research, experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of and for which appropriate research, or involving no surgery but not anesthetic, analgesic, or the procedures producing pain or distress in these pain, distress, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report) purposes. relieving drugs. used. 4. Dogs 5. Cats 6. Guinea Pigs Hamsters Rabbits Non-Human Primates 10. Sheep 79 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, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	re Officer or Legally Responsible Institutional official)	
	e above is true, correct, and complete (7 U.S.C. Section 2143)	(residential and continue falls)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		./ / /
		11/30/06
No. of Contrast Contr	OMITS	UEADOUADTEDS
APrilo FUKIVI / UZ3 (Replaces vo FUKIM 18-23 (Oct 88)	, which is obsolete	HEADQUARTERS

required by law (7 USC 2143). Failure to report according to the regulations can der to cease and desist and to be subject to penalties as provided for in Section 21!

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT')

additiones inc...... 1. CERTIFICATE NUMBER: 14-R-0010

CUSTOMER NUMBER: 106

FORM APPROVED OMB NO. 0579-0036

Schepens Eye Research Institute, The 20 Staniford Street

Boston, MA 02114

Telephone: (617) -912-0100

ITING FACILITY (List all locations where enimals were housed or used in actual research, testing, or experimentation, or held for these purposes.) Attach additional sheets if nacessary)

		17.5% (E-500)	Y LOCATIONS (Siles) -	abouts if necessary or use APHIS Form 7023A	
RT OF ANIMALS USE mimals Covered By The Animal lifare Regulations	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an for which appropriate anesthetic, analgestc, or used.	A. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for white use of appropriate anesthetic, analyssic, or tranquility drugs would have adversely affected the procedures, rest or 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 attached to this report.)	TOTAL NUMBER OF ANIMALS (COLUMNS
ogs					
ate					
uinea Pigs					53
lamsters			53	0	- 33
Rabbits	3	0			 -
Non-human Primates		-			-
Sheep					-
Pigs					
Other Farm Animals	-				
. Other Animals					
		-		riate use of anestellic, analgesic, and tranquilizing drugs, prior to, du	

- 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 reservation. Isolance, surrance or experimentation were followed by this research facility. SSURANCE STATEMENTS 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 principal investigator and applications and regulations 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 are required that exceptions to the standards and regulations the table of the standards and regulations are required that exceptions to the standards and regulations the table of the standards and regulations are required that exceptions to the standards and regulations the table of the standards and regulations are required that exceptions to the standards and regulations the table of the standards and regulations are required that exceptions to the standards and regulations the standards and regulations are required that exceptions to the standards and regulations the standards and regulations are required that exceptions to the standards and regulations that exceptions is required to the standards and regulations are required to the standards are required to the standards and regulations are required to the standards are required to the sta Instracting 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 be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations be specified and explained by the principal investigator and applicable in the standards and regulations under the Act, and it has required that exceptions to the standards and regulations are standards are standards and regulations are standards are standards are standards are standards are standards are standards are standards.
 - 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)

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

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTU	RE
ANIMAL AND PLANT HEALTH INSPECTION SERV	CE

BY:

REGISTRATION NO. CUSTOMER NO. gg

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, include Zip Code)

14-R-001

ST. ELIZABETH'S MEDICAL CENTER OF BOSTON 736 CAMBRIDGE STREET, CBR 406, IACUC

ADMINSTRATOR BOSTON, MA 02135

I.U. 617-789-506

(617) 562 7502 759 · 3052 3. REPORTING FACILITY were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

ARITAS ST. ELIZIBETH

THRU

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	C. Number of 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 tranguilizing 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 ane-sthetic, 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	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits					
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	. 0	0
11. Pigs		0	19	0	19
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					(4)
				"	
		\			

- 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 suthority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I cerafy 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) AL

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), wh

HEADQUARTERS

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. 14-R-0016 CUSTOMER NO. 110

BURLINGTON, MA 01805

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)
L. C. F. FOUNDATION, INC.
41 MALL ROAD

OCT

1 0 2008

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

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 nave 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)
0	0	0	0	0
0	0	0	0	0
	0	0	0	0
0	0	0	0	0
θ	0	6	0	6
0	0	0	0	0
0	0	0	0	0
0	0	8	0	8
0	0	3	0	3
0	0	0	0	0
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. O O O O O O O O O O O O O	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, experiments, or surgery but not yet used for such purposes. O O O O O O O O O O O O O	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. O O O O O O O O O O O O O O O O O O O

- 1) Professionally acceptable standards governing the callet reatment, 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 alternative 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 hat appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

_		
ı	CERTIF CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
ı	(Chief Executive Officer or Legally Responsible Institutional official)	
L	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
15	NAME & TITLE OF C.E.O. CR INSTITUTIONAL OFFICIAL (Type or Print) DATE S	IGNED
	10/3	106
_	W Marine William Control of the Cont	

APHIS FORM 7023 (AUG 91)

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

PART 1 - HEADQUARTERS

See reverse side for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0018

CUSTOMER NO. 114

0180-DOA-AN FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) NOV 2 9 2006

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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139

3. REPORTING FACILITY (List all locations where animals were bounded as	(617) 253-7086
sheets if necessary.)	(617) 253-7086 ed in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
	FACILITY LOCATIONS(Sides)

A.	e. Hallinger Of	C. Number of	D. Number of animals upon	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-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 accombanying 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 ettached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			2	and see enderied to this report	
5. Cats					2
6. Guinea Pigs			41		0
7. Hamsters					41
8. Rabbits			197		0
9. Non-Human Primates	12		99		197
10. Sheep					99
11. Pigs			1 24		1
2. Other Farm Animals					24
goat			1		
3. Other Animals					1
ferrets	1		171		
gerbils					171
			358		358

- 1) Professionally acceptable standards governing the cale, 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

	CERTIFICATION BY HEADQUARTERS RESEA (Chief Executive Officer or Legally Responsi the above is true, correct, and complete	ible Institutional official)	
	INAME & TITLE OF CE O AR	FFICIAL (Type or Print)	DATE SIGNED
(AUG 91)	(Nopiaces 15 FORm 18-23 (Oct 88), which is obsolete	PART 1	- HEADOLIARTERS

PART 1 - HEADQUARTERS

CAC Approved Exemptions to Animal Welfare Guidelines and Regulations

Primates in the upper weight range of Group 3 (as defined by the USDA regulations) will be housed in cages that provide supplemental volume if the floor area does not meet USDA engineering standards. Primates housed singly will be housed in cages that provide supplemental cage volume. Approximately twice the vertical space or twice the horizontal space, as required by the Animal Welfare Act regulations, will be provided. These cages will be considered "innovative housing" and will be exempt from floor area requirements in the Animal Welfare Act. The majority of such caging has been eliminated from the animal facilities. During the period 10/1/05 through 9/30/06, one macaque was housed in innovative housing.

Water-restricted primates are exempted from one hour of *ad libitum* water twice/day. The exemption from *ad libitum* water for an hour twice daily is implicit in CAC approval of protocols using water restriction for primates. For the USDA reporting period 10/01/05 through 9/30/06, 57 macaques were impacted by water restriction.

our 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. 14-R-0021

CUSTOMER NO. 118

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, include Zip Code)

NORTHEASTERN UNIVERSITY 21 MUGAR LIFE SCIENCES BLDG 360 HUNTINGTON AVE BOSTON, MA 02115 (617) 373-3958

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 sheets if necessary.)

NOV 1 7 2006

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 pairrelieving 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)
4. Dogs					
5. Cats					
6. Guinea Pigs					***************************************
7. Hamsters	102	772	96		
8. Rabbits		,	2		
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

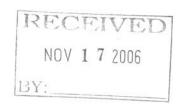
ASSURANCE STATEMENTS					

- ionally acceptable standards governing the calle, 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 alternative, to painful procedures.
- 3) This facility is adhering to the standards and regulatio is 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 Institutiona 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 ha: appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of driffial care	aru use.	- 1 March 1 Ma	
	(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATION	FFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
	ACCEPT MARKETON	The state of the s	DATE SIGNED
			11/14/56
APrilo PUKIM /UZ3	Section of the sectio		
(AUG 91)	(Replaces VS FORM 18-23 (Oct 38), whi	F	PART 1 - HEADQUARTERS







Animal Care and Use Committee (NU-IACUC)

November 13, 2006

21 Mugar Life Sciences Building Northeastern University Boston, Massachusetts 02115-5000 Exceptions to the Animal Welfare Act approved by the IACUC at Northeastern University 14-R-0021

Phone: 617.373.3958 Facsimile: 617.373.3959

The IACUC has approved exceptions to the AWA on two protocols. The PI has been allowed to go up to 18 days between cage changes of singly housed hamsters, to house them in light-tight ventilated chambers to alter light dark cycles, and to expose them to various lengths and intensities of light and darkness.

The hamsters are housed in wheel running cages for circadian rhythm experiments. The PI feels that a cage change during an animal's free running period in constant conditions induced activity can cause a phase shift or period change in its activity rhythm. In many experiments, phase and period are the critical measurements and the timing of a cage change is essential so that the research data is not impacted. This PI has been given permission to house hamsters in constant dim light to measure the free running times of the hamsters in the absence of external rhythmic factors, i.e. light cycles. A rhythmic light dark cycle will not allow for this information to be gathered. Every effort is made to design experiments to accommodate frequent cage changes, but occasionally a cage will be not be changed for a period of 18 days.

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 additional information 1. REGISTRATION NO.

CUSTOMER NO. 119

0180-DOA-AN

FORM APPROVED CMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

14-12-0022 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, MASSACHUSETTS EYE AND EAR INFIRMARY include Zip Code)

243 CHARLES STREET BOSTON, MA 02114 (617) 573-3178

	(TYPE OR PKINI)		THE PERSON NAMED IN	(617) 573-3178 experimentation, or held for these purposes. Attach addition	al
	all legations where animals we	re housed or used in actu	ual research, testing, teaching, or	experimental	1
EPORTING FACILITY (List	all locations with	FAC	ILITY LOCATIONS (sites)		
heets if necessary.)				056 0 4 2006	
e Attached Listing					
				erv or use APHIS FORM 7023A)	F.
Animals Covered By The Animal Weifare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	RESEARCH FACILITY (C. Number of enimals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate ensettable, analgesic, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pair or distress to the arimals 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 the procedures producing pain or distress in these	TOTAL NO. OF ANIMALS (Cols. C + D + E)
	surgery but not yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the recommendation and the recomm	6
. Dogs		1	6		58
5. Cats			58		0
6. Guinea Pigs			0		9
7, Hamsters			9		12
8. Rabbits			12		0
9. Non-Human Primat	es		0		0
10. Sheep			0		0
11. Pigs			0		

12. Other Farm Animals

13. Other Animals

Chinchillas

Gerbils 100 1) Professionally acceptable standards governing the called 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 appropriately were followed by this research facility. Nile Rats and following acceptable standards governing the calle treatment, and use of animals including appropriate use of animals. ASSURANCE STATEMENTS

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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the
- 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 sum nary 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 har appropriate authority to ensure the provision of adequate veterinary dare and to oversee the adequacy of other aspects of animal care and use ERTIFICATION BY HEAT QUARTERS RESEARCH FACILITY OFFICIAL aspects of animal care and use.

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CERTIF	CATION BY HEADQUAR	ally Responsible	Institutional	01.131
(Clains	Evecutive Officer or Leg	Jany recommended 17	U.S.C. Section	2140)
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(Chief Executive Officer or Legally Responsible Institutional official)

Leer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) 2. TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) MOTITUTIONAL OFFICIAL

DATE SIGNED

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EADQUARTERS

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. 14-R-0025

CUSTOMER NO. 121

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, HOLYOKE COMMUNITY COLLEGE VETERINARY & ANIMAL SCIENCE 303 HOMESTEAD AVENUE

HOLYOKE, MA 01040 (413) 538-7000

	(413) 538-7000
	and a actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
 REPORTING FACILITY (List all locations where animals were housed or united to the control of the c	ised in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	FACILITY LOCATIONS(sites)
See Attached Listing	DEC 0 = 2006

PORT OF ANIMALS USED BY 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	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, cr 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 (Cots. C + D + E)
	purposes.	. O	6		
4. Dogs	-		5		10
5. Cats		5	<u></u>		1
6. Guinea Pigs		J - Z	- 0		7
7. Hamsters		2	1-0-		8
8. Rabbits		4	1 4		0
Non-Human Primates		U	0		0
0.00 0.00 0.00 0.00		0	0		0
10. Sheep		0	0		10
11. Pigs		10	0		+0
12. Other Farm Animals					0
		_			0
13. Other Animals					7
(sechils		1 7	0		
		i i			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the cale, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surg∈ y, 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 property of all the exceptions is effected to this appeal appeal in the exceptions is effected to this appeal appeal in the exceptions is effected to this appeal appeal. rins 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 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 construed execution, this construed execution is the construed execution. 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.

principal investigator and approved by the Institutional Animal Care an order of the exceptions, as well as the approved exceptions, this summary includes a brief explanation of the exceptions, as well as the approved exceptions, this summary includes a brief explanation of the exceptions, as well as the approved exceptions, this summary includes a brief explanation of the exceptions, as well as the approved exceptions, this summary includes a brief explanation of the exceptions, as well as the approved exceptions, this summary includes a brief explanation of the exceptions, as well as the approved exceptions, as well as the approved exceptions. 4) The attending vertical care of the exceptions of the exceptions, as well as the approved exceptions, as well as the approved exceptions.	r.
4) The attending veterinarian for this research facility has appropriate state.	
CERTIF CATION BY HEADQUARTERS RESEARCH (Chief Executive Officer or Legally Responsible Institutional official) (I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and complete (7 U.S.C. Section 2143) [I cer ify that the above is true, correct, and correct the above is true, correct that the above is true, correct the above is true,	DATE SIGNED
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	11/29/06
	1 - HEADQUARTERS
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(AUG 91)

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.

LOCT 12 2000 See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

14-R-0029

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

CUSTOMER NO. 125

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, include Zip Code) NEW ENGLAND AQUARIUM CENTRAL WHARF BOSTON, MA 02110

	(617) 973-5200
in the word housed	or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
. REPORTING FACILITY (List all locations where animals were noused	
sheeis if necessary.)	FACILITY LOCATIONS(sites)
See Attached Listing	
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	ARLIE FORM 70234

EPORT OF ANIMALS USED BY O	R UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if necess	E. Number of animals upon which teaching,	F.
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 teats 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.	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)
I. Dogs			-		
5. Cats				,	
6. Guinea Pigs					
7. Hamsters		-			
8. Rabbits		-	- calab	the second secon	and and and a
9. Non-Human Primates					
10. Sheep			-		
11. Pigs		-	-		
12. Other Farm Animals					
13. Other Animals nia			0	. 0	0
Sea Lions	2	0	 		0
Harbor Seals	7	0	<u>C</u>		
Northern Fur Seals	3	0	0		1 0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use. CERTIFICATION	IN BY HEADQUARTERS RESEARCH FACILITY OFFICIAL tive 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)	DATE SIGNED
		1 - HEADQUARTE

(AUG 91)

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. 14-R-0030

CUSTOMER NO. 126

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, include Zip Code)

BRANDEIS UNIVERSITY P.O. BOX 9110 MAIL STOP 116 WALTHAM, MA 02254

NOV 2 8 2006

(781) 736-2121 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) sheets if necessary.)

See Attached Listing

Poster

PORT OF ANIMALS USED BY Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL Of 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.	Sary 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 such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs	-				
Cats Guinea Pigs					375
7. Hamsters	375	0	0	O	
8. Rabbits		-	+		
9. Non-Human Primates					
10. Sheep	-	1			
11. Pigs		-			
12. Other Farm Animals					-
13. Other Animals				O	21
Gentils	0	21	9	9	255
HILE RATS	30	225	3		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actival acceptable standards governing the care, treatment, and use of animals, including appropriate use of animals, and the care, and the care acceptable acceptabl 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 principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	AL.
(Chief Executive Officer or Legally Responsible Institutional official	I)
(Chief Executive Officer or Legally Responsible (711 S.C. Section 2143)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

TNAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED 11/6/06

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

gues See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE AND PLAST HEALTH INSPECTION SERVICE REGISTRATION NO. 14-R-0031

CUSTOMER NO. 127

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, include Zip Code)

ACAMBIS INC NOV 3 0 2006 38 SIDNEY STREET CAMBRIDGE, MA 02139 (617) 761-4200

sheets if necessary.)				or experimentation, or held for these purposes. Attach addition	
		FA	CILITY LOCATIONS(sites)		
ee Attached Listing					
				₩.	
				ADUIS FORM 70234)	
PORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
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.	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		
. Dogs					
i. Cats					
3. Guinea Pigs			1100		480
7. Hamsters			480		11
3. Rabbits			!!		,
Non-Human Primates		Manual No. 10 (1981)	-		CHARLES CARY D
10. Sheep					
11. Pigs			-		
12. Other Farm Animals	-				
13. Other Animals					
		-	+		
		1	1		-

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.	DESCRIPCH EACH ITY OFFICIAL	
(OL)-4 T	ATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL xecutive Officer or Legally Responsible Institutional official)	
(Chief E		DATE SIGNED
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICE		111
		11/27/06
	PART	1 - HEADQUARTERS
	vhich is obsolete	

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 gur

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0032

CUSTOMER NO. 514

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, include Zip Code) SHRINERS BURNS INSTITUTE 51 BLOSSOM STREET BOSTON, MA 02114

(617) 371-4900

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

Shriners Hospitals for Children (head sheets if necessary.) FACILITY LOCATIONS(sites) quarters) See Attached Listing SHRINERS BURNSINSTITUTE 2900 Rocky Point Drive Tampa,FL 33631 (813)281-0300 51 Blossom Street Boston, MA 02114

PORT OF ANIMALS USED BY 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.	(Attach additional sheets if necess) 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.	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 (Cois. C + D + E)
		0	0	0	0
. Dogs	0	0	0	0	
	0	0		-	0
5. Cats		0	0	0	0
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	0			0
7. Hamsters		0	0	0	0
8. Rabbits	0	associative). Once the electricity	Baseline parties Oralistation account	entered and a second of the se	glocal distribution and all are all and
9. Non-Human Primates	0	<u> </u>			0
		0	0	0	0
10. Sheep	0	0	0	0	1
11. Pigs	0	<u> </u>	0	0	0
12. Other Farm Animals	0	0	0		
12. Other Parin Annual					0
		0	0	0	1 0
13. Other Animals	0	0			
	V. T.				
					+
		+			
		1			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, ASSURANCE STATEMENTS 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.
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aspects of animal care and use	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE PERSON NAMED IN T	authority to ensure the provision of add	ARCH FACILITY OF TOIL	
			ARCH FACILITY OFFICIAL sible Institutional official) ate (7 U.S.C. Section 2143)	
	(Chief Executive	above is true, correct, and comple	ote (7 U.S.C. Section 2143)	
	I certify that the	above is true, correct, and comple	THE THITIONAL OFFICIAL (Type or PI	rint) DATE

ADQUARTER

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. 0

CUSTOMER NO. 515

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

UNIVERSITY OF MASSACHUSETTS AMHERST RESEARCH ADMINISTRATION BUILDING 70 BUTTERFIELD TERRACE

70 BUTTERFIELD TERRACE AMHERST, MA 01003 (413) 545-0668

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 sheets if necessary.)

See Attached Listing			FACILITY LOCATIONS(sites)	Carrie	
See Attached Listing				RECEIV	
				NOV 2 9 200)6
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	OF RESEARCH FACILIT	Y (Attach additional sheets if nece	assary or use APHIS FORM 70234.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		4			4
7. Hamsters Syrian	105	123	555		678
8. Rabbits		4	17		21
9. Non-Human Primates		13			13
10. Sheep			3		3
11. Pigs		1			1
12. Other Farm Animals					_
Cow		5			5
13. Other Animals					
Horse		3			3
Hamster Siberia	n 58	24	12		36
Gerbils	12	55	51		106
ASSURANCE STATEMENTS		A section to section order with a			100

- 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 provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

aspects of animal care and use.			
	CERTIFICATION BY HEADQUARTERS RESEAF (Chief Executive Officer or Legally Responsible above in true correct and corrects)	ole Institutional official)	
		e or Print)	DATE SIGNED
	/hi	PART 1 -	HEADQUARTERS



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. 14-R-0036

CUSTOMER NO. 515

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

UNIVERSITY OF MASSACHUSETTS AMHERST RESEARCH ADMINISTRATION BUILDING 70 BUTTERFIELD TERRACE b 9 2005 AMHERST, MA 01003

REPORT OF ANIMALS USED BY	OR LINDER CONTROL	T DECEMBER 1		(413) 545-0668	55 71 V9 V9
REPORT OF ANIMALS USED BY (B. Number of	C. Number of			
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 ANIMAL: (Cols. C + D + E)
Prairie Vole	166	88	229		317
Chipmunk		3			3
Red-backed Vole		19			19
Deer Mouse		11			11
Meadow Vole		22			22
Short-tailed Shre	w	14			14
Raccoon		1	7		8
Striped Skunkk			69		
Moose			9		69 9
SSURANCE 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.
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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 OF	ficial)	
SIGNA	above is true, correct, and complete (7 U.S.C. Section 214	(3)	
	N	L (Type or Print)	DATE SIGNED
APHIS (AU), which	PART 1 -	HEADQUARTERS

Summary of Exceptions to the Regulations and Standards Specified and Explained by the Principal Investigator and Approved by the IACUC

In a study involving Syrian hamsters, the researcher submitted a memorandum of explanation to the IACUC regarding a change in the cleaning schedule for cages in which his hamsters are housed for particular studies. This relates to 9CFR, Ch. 1, Part 3, Subpart B, 3.31, a. This matter was discussed and approved by the IACUC. The measure is supported by a policy statement of the Society for Research on Biological Rhythms which appeared in the Journal of Biological Rhythms, Vol. 8, pp. 97-106 (1993) which outlines and explains modifications of normal observance, cleanliness/sanitation, and food and water provision procedures for rodents in circadian rhythm studies. The change involves delaying cage cleaning because the stimulus of the cleaning process disrupts free running activity levels developed during the study. These activity levels must be measured over several weeks in the same (unchanged) cage environment. It was agreed that the researcher will monitor closely the cages during these particular studies to insure the environments of the hamsters and mice will be as satisfactory as possible until the data collections are completed. Such observations must be conducted under very dim red illumination. It was agreed by the IACUC and the Director of Animal Care Services that inactive animals will be visually checked to make sure they are not ill or in distress. Healthy mice and hamsters run many revolutions on a wheel each night, and computer records indicating robust activity are considered adequate verification of each animal's well being.

This report is required by 2143) to report according to the regulation matter.

FORM APPROVED CUSTOMER NO. OMB NO. 0579-0036 132

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

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

WILLIAMS COLLEGE P.O. BOX 624

WILLIAMSTOWN, MA 01267 (413) 597-4352

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) RECEIVED sheets if necessary.) See Attached Listing NOV 3 0 2006 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching experiments, research, surgery or tests were TOTAL NO. conducted involving accompanying pain or distress Number of OF ANIMALS which experiments, to the animals and for which the use of appropriate B. Number of animals upon animals being teaching, research, anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or which teaching, surgery, or tests were conducted involving (Cols. C+ bred. Animals Covered research, D + E) conditioned, or experiments, or interpretation of the teaching, research, By The Animal accompanying pain or held for use in experiments, surgery, or tests. (An explanation of Welfare Regulations tests were distress to the animals teaching, testing, the procedures producing pain or distress in these conducted and for which appropriate animals and the reasons such drugs were not used experiments, involving no anesthetic, analgesic, or research, or pain, distress, or tranquilizing drugs were must be attached to this report) surgery but not use of painyet used for such 0 used. relieving drugs purposes. 0 4. Dogs 0 5. Cats 0 Guinea Pigs 0 Hamsters 0 8. Rabbits n Non-Human Primates 0 10. Sheep 0 11. Pigs 12. Other Farm Animals 0

13. Other Animals

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, ASSURANCE STATEMENTS
 - 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 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

3)	principal investigator and approved by the includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions, this summary includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions, this summary includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions, this summary includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions, this summary includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions, this summary includes a oner explanation of adequate veterinary care and to oversee the adequacy of addition to identifying the IACUC-approved exceptions.	
4	principal investigator and approved by the flower provided exceptions, this summary includes a order explanation to identifying the IACUC-approved exceptions, this summary includes a order explanation of adequate veterinary care and to oversee the adequacy or addition to identifying the IACUC-approved exceptions, this summary includes a order explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy or explanation of adequate veterinary care and to oversee the adequacy	
	(Chief Executive Officer of 20 and complete (7 U.S.C. Section 2140)	DATE SIGNED
1	I certify that the about	11/29/06
		EADQUARTERS
	(Oct 88), which	

SEP 2 8 2008

This report is required by law (7 USC 2143). Failure to report according to the regulations can 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.

FORM APPROVED CUSTOMER NO. OMB NO. 0579-0036 133

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

61 SEVER STREET WORCESTER, MA 01609

(508) 791-9241

	(TIPE OR THE)	(508) 791-9241 The testing, teaching, or experimentation, or held for these purposes. Attach additional
REPORTING FACILITY (L sheets if necessary.)	ist all locations where animals were housed or used in actual research.	(508) 791-9241 arch, testing, teaching, or experimentation, or held for these purposes. Attach additional DCATIONS(sites)
ee Attached Listing	Lenfest Animal Health Center	
V V	955 Main Street, Leicester	additional sheets if necessary or use APHIS FORM 7023A) F. Number of animals upon which teaching.

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.	RESEARCH FACILITY (A 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)	TOTAL NO. OF ANIMALS (Cols. C+ D+E)
Dogs		0	25 13		13
Cats Guinea Pigs		10	0		2
Hamsters		0	2		
Rabbits Non-Human Primates					
0. Sheep					-
1. Pigs 12. Other Farm Animals	-				
13. Other Animals					
				ate use of anesthetic, analgesic, and tranquilizing drugs, pr h facility.	

- 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. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of an following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. ASSURANCE STATEMENTS

 - 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 (IACLIC) A summary of all the exceptions is attached to this annual report. In 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.

3)	This facility is adhering to and approved by the Institutional Alimatory includes a brief explanatory of adequate veterinary care and to oversee the despendence of addition to identifying the IACUC-approved exceptions, this summary includes a brief explanatory of adequate veterinary care and to oversee the despendence addition to identifying the IACUC-approved exceptions, this summary includes a brief explanatory of adequate veterinary care and to oversee the despendence additional addition
4	CERTIFICATION - 1 - MOIN PASDOTISTON - 04/2)
	CERTIFICATION BY THE PARTY OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) No. 100 C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
	PART 1 - HEADQUARTERS
	t 88), which is obsolete

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEFARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0042

include Zip Code)

CUSTOMER NO. 122

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OCT 16 2006

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, CYTOGEN RESEARCH & DEVELOPMENT INC

89 BELLEVUE HILL ROAD WEST ROXBURY, MA 02132 (617) 325-7774 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

A.	B. Number of	C. Number of	(Attach additional sheets if neces D. Number of animals upon	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.	enimils ur on 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)	TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
Chinese Armenian B. Rabbits	475	83	0	0	83 *#
Non-Human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
SSURANCE STATEMENTS	4	1			

FACILITY LOCATIONS(sites)

- ered alternative; 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 ha. appropriate authority to ensure the provision of a

aspects of animal care and use.	assisting to ansore the provision or adequate veter nary care and to oversee the adequacy of other	
Content its that the	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
A A S.E.O. OK MSTHUTIONAL MEET TO	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	10/12/06
23 (Oct 88), v	PART 1	HEADQUARTERS

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. 14-R-0047

CUSTOMER NO. 455

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) ARIAD PHARMACEUTICALS, INC. 26 LANDSDOWNE STREET

CAMBRIDGE, MA 02139 (617) 494-0400

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

			ACILITY LOCATIONS(sites)		HIDI
ee Attached Listing					0.0
				NOV 2 7 20	U5
PORT OF ANIMALS LISED BY	V OR LINDER CONTROL	S DEGE A DOLL TAKE		BY:	
FORT OF ANIMALS USED B	B. Number of	C. Number of	PARTY OF THE PARTY	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- 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 N OF ANIMA (Cois. C D + E)
Dogs					8
Cats					Ø
Guinea Pigs					Ø
Hamsters					Ø
Rabbits					Ø
Non-Human Primates					8
. Sheep					Ø
. Pigs					8
. Other Farm Animals					Ø
. Other Animals					Ø
SURANCE STATEMENTS					
 Professionally acceptable s and following actual research 	standards governing the care ch, teaching, testing, surger	e, treatment, and use of a	inimals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,
2) Each principal investigator	has considered alternatives	to painful procedures.	,		

- 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

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 REGISTRATION NO. 14-R-0061 CUSTOMER NO. 136 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

SMITH COLLEGE

CLARK SCIENCE CENTER/SMITH COLLEGE NORTHAMPTON, MA 01063

(413) 585-3959

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Clark Science Center

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid 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)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		57			57
8. Rabbits			*.		
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferrets			9		9
Deer Mice		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 principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
	TNAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type 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. 14-R-0062

include Zip Code)

CUSTOMER NO. 534

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV 2 7 2006

P.U. BUA 313 AMHERST, MA 01004 (413) 253-5083

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 sheets if necessary.) FACILITY LOCATIONS (sites)

See Attached Listing Rabbit Research Facility

Same Rabbit Breeding Facility Rabbit Breeding Facility Location

Research Goat Facility

Research Pig Facility

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
I. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters				0	363
8. Rabbits	654	350	13	0	303
9. Non-Human Primates					
10. Sheep					1
11. Pigs	3	<u> </u>			
12. Other Farm Animals					46
Goats		46	-		
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual consecutions and transport to the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual consecutions are consecutive to the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual consecutive to the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual consecutive to the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and tranquilizing drugs are consecutive to the care, treatment, and use of animals, including appropriate use of animals, 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

aspects of animal care and the	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OF THE ACCURATE OF THE ACCURAT	
	ve is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/24/06
	PART	1 - HEADQUARTERS

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See reverse side for additional information

U Interagency Report Control No 0180-DOA-AN

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

REGISTRATION NO.

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

721 14-R-0066

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

EMBRYOTECH LABORATORIES INC 323 ANDOVER STREET WILMINGTON, MA 01887 (978) 658-4600 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

sheets if necessary.)		F/	ACILITY LOCATIONS (sites)		
ee Attached Listing					
A LIGHT BY	OR LINDER CONTROL OF	RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A) F Number of animals upon which teaching.	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					1691
7. Hamsters	177	1514			14.11
8. Pabbits					
9. Non-Human Primates		-			
10. Sheep		-			
11. Pigs		-	-		
12. Other Farm Animals					
13. Other Animals					
					-

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of 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 al care and use asp

ects of animal care and use.	DESCRIPTION DESCRIPTION OF THE PROPERTY OF THE
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional official)
	(Chief Executive Officer of English (711 S.C. Section 2143)
1	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)

DATE SIGNED

PART 1 - HEADQUARTERS

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additional information

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

Interagency Report Contr 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE IMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 14-R-0074

FORM APPROVED OMB NO: 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) GTC BIOTHERAPEUTICS 175 CROSSING BLVD

FRAMINGHAM, MA 01701

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

sheets if necessary.)		FA	ACILITY LOCATIONS(sites)		
See Attached Listing					
		i i		ADHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL Of 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.	F RESEARCH FACILITY C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	(Attach additional sheets if necess D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					1,,,
Goats	1387		114		114
13. Other Animals					
	-				
	-				
				L. C.	
ASSURANCE STATEMENTS 1) Professionally acceptable	standards governing the co	are, treatment, and use of	f animals, including appropriate users followed by this research faci	se of anesthetic, analgesic, and tranquilizing drugs, prior to lity.	o, 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 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	RY H	FADQUARTERS	RESEARCH FACILITY OFFICIAL
CERTII IOATION	J		"LI - I Litudianal official)

fficer or Legally Responsible Institutional official)

ve is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

T 1 - HEADQUARTERS

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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.
 14-R-0079

CUSTOMER NO. 760

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

MILLENNIUM PHARMACEUTICALS INC 40 LANDSDOWNE ST CAMBRIDGE, MA 02139 (617) 679-7000

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Handsdown Street

DEC 0 7 2005

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					N4
					NA
5. Cats	+		82	-	87
3. Guinea Pigs			02		0 6
. Hamsters					1.0
3. Rabbits		12		2.5	12
Non-Human Primates					
0. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
			-		
	100				

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

:	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)	
	NAME 2 TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	5 DEC '06 EADQUARTERS

. REGISTRATION NO .

Interagency Report Control No 0180-DOA-AN

This report is required by law (? USC 21 43) Failure to report according to the regulations can be result in an order to cease and desist and to be subject to penalties as provided for in Section 2350

Set reverse side for additional informatic

14-R-0081

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Reporting Period: 10/1/05 - 9/30/06

Office of Research Services

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

University of Massachusetts Lowell Office of Research Administration 883 Broadway Street, Dugan 200 Lowell, MA 01854

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 sheets if necessary.)

FACILITYLOCATIONS (Sites)

198 Riverside Street, Olsen 618 JL MA 01854 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E, Number of animals upon which teaching D. Number of animals upon C. Number of experiments, research, surgery, or tests w conducted involving accompanying pain or distress to the animals and for which the use of appropriate animals being noqu alamina hich experiments. teaching, research, TOTAL NO which teaching, bred. Animals Covered surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS conditioned, or search. By The Anima have adversely affected the procedures, results, or experiments, or conducted involving held for use in accompanying pain or distress to the animals Welfare Regulations interpretation of the teaching, research, teaching, testing. tests were experiments, surgery, or tests. (An explanation of conducted (Cols. C + D + E) experiments, the procedures producing pain or distress in those and for which appropriate research, or involving no animals and the reasons such drugs were not used pain, distress. or surgery but not use of paintranquilizing drugs were must be attached to this report) yet used for such relieving drugs. used purposes 0 0 4. Dogs 5. Cats 0 296 6. Guinea Pigs 296 0 7. Hamsters 0 8. Rabbits Non-human Primates 0 0 10. Sheep 0 11., Pigs 12. Other Farm Animals 13 Other Animals 3 3 30 Gerbils

- 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 ASSURANCE STATEMENTS
 - 2) Each principal investigator has considered alternatives to painful procedures.
 - 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
 - 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

TARGUARTERS RESEARCH FACILITY OFFICIAL
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
Officer of Legally Responsible Institutional Official)
(Chief Executive Officer of Legally Trooperson Certify that the above is true, correct, and complete (7 U.S.C. Section 2143).
I Certify triat the above is many

THE RESERVE THE PROPERTY OF TH	the contract of the contract o
NAME & TITLE OF CEO OR INSTITUTIONAL	. OFFICIAL (Type or Print

DATE SIGNED

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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. 14-R-0082

CUSTOMER NO. 140

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, include Zip Code)

TUFTS- NEW ENGLAND MEDICAL CENTER, INC. 171 HARRISON AVENUE, NEMC #112

BOSTON, MA 02111

0

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3. REPORTING FACILITY (Liet all legations where are	(617) 636-5615	
sheets if necessary.)	Is were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional	
See Attached Listing	FACILITY LOCATIONS(siles)	

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research. conducted involving accompanying pain or distress By The Animal conditioned, or TOTAL NO. research. surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations OF ANIMALS held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments, (Cols. C+ conducted distress to the animals interpretation of the teaching, research, research, or D + E) involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 36 4. Dogs 0 5. Cats 0 0 0 0 6. Guinea Pigs 0 0 Hamsters 0 0 0 8. Rabbits 0 43 450 30 523 9. Non-Human Primates 0 0 10. Sheep 0 0 0 0 0 11. Pigs 0 95 0

0

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ASSURANCE STATEMENTS

comyscus

12. Other Farm Animals

13. Other Animals

See Attached Listing

- 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.
- Each principal investigator has considered alternatives to painful procedures.

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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all 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.
- 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.

	(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
	ICIAL	NAME O TITLE OF O FO OF WAR	DATE SIGNED
1, 100 0 1)	8-23 (Oct 88		ADQUARTERS



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.

on. 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. 14-R-0083

CUSTOMER NO. 705

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, include Zip Code)

NEW ENGLAND COLLEGE OF OPTOMETRY 424 BEACON STREET BOSTON, MA 02115 (617) 236-6227

Animals Covered By The Animal Welfare Regulations B. Nurriber of animals upon which teaching, research. By The Animal Welfare Regulations B. Nurriber of animals upon which teaching, research, grey price of the animals upon which teaching, research, upon the leaching, research, or surgery but not yet used for such purposes. C. Nurriber of animals upon which teaching, research, upon the leaching, research, upon the leaching, research, or surgery but not yet used for such purposes. D. Nurriber of animals upon which teaching, research, upon the upon the leaching, research, upon the leaching, research, or surgery to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would assert the animals and for which the use of appropriate animals and the resonance of the procedures, results, or interpretation of the teaching, research, usery freed the procedures, results, or interpretation of the teaching, research users are such as a series of the animals and for which the use of appropriate animals and the resonance of the resonance of the procedures, results, or interpretation of the teaching, research, usery and the animals and for which the use of appropriate animals and the resonance of th	REPORTING FACILITY (List sheets if necessary.)	all locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach addi	tional
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 70234) A. Animals Covered By The Animals Welsere Regulations Welsere Regulations Welsere Regulations B. Number of animals being bred, or consider or use in teaching, tested with teaching, research, or surgery but not by yet used for such purposes. Cats G. C. Number of animals upon which teaching, research eaching, research or surgery but not by yet used for such purposes. F. Number of animals upon which teaching, research eaching, research		The street of the state of the	F	ACILITY LOCATIONS(sites)	RECEIVED	
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A. Animals Covered By The Animal Welfare Regulations B. Number of animals being bried, conditioned, or held for use in teaching, testing, experiments, or surgery but not yet used for such purposes. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 3. Z. Other Farm Animals 13. Other Farm Animals						
Animals Covered By The Animal Velfare Regulations Pied, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes. 4. Dogs 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 3. Z_ Wall and Pigs 10. Sheep 11. Pigs 13. Other Farm Animals		NAME AND ADDRESS OF THE OWNER, OF TAXABLE PARTY.	THE RESERVE AND PERSONS ASSESSMENT AND PARTY.	THE RESIDENCE THE PARTY OF THE		_
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	Animals Covered By The Animal	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	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, analgesic, or tranquilizing drugs 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 producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO. OF ANIMALS (Cols. C +
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7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	5. Cats					
8. Rabbits 9. Non-Human Primates 3 2	6. Guinea Pigs					
9. Non-Human Primates 3 2	7. Hamsters					
10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	8. Rabbits					
11. Pigs 12. Other Farm Animals 13. Other Animals	9. Non-Human Primates	32	0	43	0	43
12. Other Farm Animals 13. Other Animals	10. Sheep					
13. Other Animals	11. Pigs					
	12. Other Farm Animals		-			
Chicks 43 0 450 0 450	13. Other Animals					
	Chicks	43	0	450	0	450
Ratz 1.37 0 366 0 366	Ratz	/.37	0	366	0	366
ASSURANCE STATEMENTS	ASSURANCE STATEMENTS			L		
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.	and following actual research	arch, teaching, testing, surg	ery, or experimentation w	f animals, including appropriate us were followed by this research facil	se of anesthetic, analgesic, and tranquilizing drugs, prior to ity.	, during,

- 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.		
(Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 11/14/0 (HEADQUARTERS

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.
 14-R-0084

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) ECEIVED

NOV 0 6 2006

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

TUFTS UNIVERSITY VICE PROVOST

INSTITUTIONAL OFFICIAL- BALLOU HALL MEDFORD, MA 02155

(617) 627-3417

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
0	0	0	0	0
0	0	ð	0	0
0	0	0	0	0
0	0	0	0	Ò
0	0	0	0	0
0	42	0	0	42
0	0	0	0	0
0	0	0	0	٥
0	0	0	0	0
0	0	11	0	11
	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. D O O O O O O O O O O O O	bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving no surgery but not yet used for such purposes. Do O O O O O O O O O O O O O O O O O O O

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- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
1	(Chief Executive Officer or Legally Responsible Institutional official)		
1	Logific that the above is true, correct, and complete (7 U.S.C. Section 2143)		
	T	Print)	DATE SIGNED
		(1)	11/1/06
,	which is obsolete	PART 1 -	HEADQUARTERS

(AUG 91)

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. CUSTOMER NO. 14-R-0089

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, include Zip Code)

516

BOSTON BIOMEDICAL RESEARCH INSTITUTE 64 GROVE STREET WATERTOWN, MA 02472 (617) 658-7807

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

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		19			19
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
ferrets		128			128
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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aspects of animal care and use.		
CERTIFICA	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Exe	ecutive Officer or Legally Responsible Institutional official)	
I certify	that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CE O OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/5/06
APHIS FO	ict 88), which is obsolete	- HEADQUARTERS

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0090

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

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

CUSTOMER NO.

134

MOUNT IDA COLLEGE 777 DEDHAM STREET NEWTON, MA 02459 (617) 928-4545

NOV 2 7 2006

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 sheets if necessary.) FACILITY LOCATIONS(sites)

DEPORT OF ANIMAL CHIEFR BY	CONTINUED CONTROL O	F DECEMBAL FACILITY	(Albert - della - el el este la este l	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			33		33
5. Cats			24		24
6. Guinea Pigs			2		2
7. Hamsters			16		16
8. Rabbits			9		9
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils			6		6
ASSURANCE STATEMENTS					
ANDOINTION OF WITHINGTO					

- 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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aspects of animal care and use.			
(Ch	ief Executive Officer or Legally	RS RESEARCH FACILITY OFFICIAL y Responsible Institutional official) and complete (7 U.S.C. Section 2143)	
SIGNATURE OF S.E.O. OR INSTITUTIONAL OF	FFICIAL NAME & TITLE C	F C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
(AUG 91)	(Oct 00), White		TILADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0092

CUSTOMER NO. 144

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

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

75 FRANCIS ST

BRIGHAM AND WOMENS HOSPITAL BOSTON, MA 02115 (617) 432-1289 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for triese purposes. Attach additional

Silects if flecessary.	Commence of the Commence of th	FA	CILITY LOCATIONS(sites)	DEC 0 1 2	065
See Attached Listing				1 100 10	
	2				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A)	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, 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 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 report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					4
6. Guinea Pigs			4		
7. Hamsters		9	18		27
8. Rabbits		72	255		327
9. Non-Human Primates					7.1
10. Sheep			71		71
11. Pigs			351		351
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, teaching, testing, surgery, or experimentation were followed by this research facility.
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 - 4) The attending vetennanan for this research facility has appropriate authority to ensure the provision of adequate vetennary care and to oversee the adequacy of other

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)	is/29/06
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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0094

CUSTOMER NO. 145

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, include Zip Code)

WELLESLEY COLLEGE SCIENCE CENTER 106 CENTRAL STREET WELLESLEY, MA 02481

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 sheets if necessary.) FACILITY LOCATIONS(sites) WELLESLEY COLLEGE WELLESLEY, MA 02481

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
1. Dogs					
5. Cats					
6. Guinea Pigs			en entre a comprehension approximation of the con-	Northeader and the second second second	
7. Hamsters					
8. Rabbits		-			
9. Non-Human Primates		-	-		
10. Sheep					
11. Pigs		-	 		
12. Other Farm Animals	-	-			
13. Other Animals				1	
		1			

- 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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I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/16/2006
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Interagency Report Control No 0180-DOA-AN

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1. REGISTRATION NO. 14-R-0096

CUSTOMER NO. 146

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPO	RT OF	RESEARCH	FACII	HE (
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(TYPE OR PRINT)

2 0 2006

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

include Zip Code) MCLEAN HOSPITAL CORPORATION

115 MILL STREET BELMONT, MA 02478 (617) 855-2000

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)

NO'

See Attached Listing

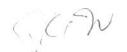
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, Animals Covered experiments, research, surgery or tests were bred, which teaching, teaching, research, conducted involving accompanying pain or distress By The Animal conditioned, or TOTAL NO. research, experiments, or Welfare Regulations surgery, or tests were to the animals and for which the use of appropriate held for use in OF ANIMALS conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments, (Cols. C+ conducted distress to the animals interpretation of the teaching, research, research, or D + E) involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes relieving drugs. used. must be attached to this report) Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits Non-Human Primates 25 44 84 -0-128 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

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

ASSURANCE STATEMENTS

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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
SIGN	ly trial the above is true, correct, and complete (7 U.S.C. Section 2143)		
1	AL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Through the second of the second		DATE SIGNED
			11-16-2006
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(A		- HE	ADQUARTERS



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NOV 2 0 2006
BY:

Members of McLean Hospital's Institutional Animal Care and Use Committee have approved two exceptions to the AWA standards during the past year. Both of these exceptions are incorporated into IACUC protocol #03-3/2-5 which received full committee review at the meeting of March 21, 2006. At that meeting, the committee voted to classify the application as Modifications Required to Secure Approval. The response to the Committee's request for modifications was reviewed at the meeting of April 12, 2006, and the protocol was approved.

From the Minutes of April 12, 2006:

Project Summary, Protocol #03-3/2-5.

clarification was reviewed. After discussion, the committee voted to unanimously approve the protocol. Status reports will be due every six months and re-approval of the cage size and cagewashing exceptions will be due annually.

- 1. An exception was granted to allow several group 4 primates to be housed in operant cages that are smaller than the standards allow (ADARC Primate Facility). The IACUC agreed that these cages compensate for their slightly smaller size by providing animals additional enrichment via the availability of various operant tasks.
- 2. An exception was granted allowing cage washing of 35 operant cages on a monthly basis, rather than bi-weekly, basis (ADARC Primate Facility). The IACUC agreed that more frequent cage changing while animals are engaged in specific behavioral evaluations could negatively influence the physiology of the animal, and could also compromise drug delivery instrumentation while animals are on study.

you.

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. 14-R-0112

CUSTOMER NO. 152

FORM APPROVED OMB NO. 0579-0036

ANNUAL	REPORT	OF	RESEA	RCH	FA	CIL	[TY
	(TYP	E OF	R PRINT)	1	101	2	1 200

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

include Zip Code) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH

NINE CAMBRIDGE CENTER CAMBRIDGE, MA 02142 (617) 258-5104

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters				91440 MT	0
8. Rabbits					0
Non-Human Primates					0
10. Sheep					0
11, Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
	+				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11 19/2000
(Oct 88) w	which is obsolete 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. 14-R-0114

CUSTOMER NO. 1792

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, include Zip Code)

MOUNT HOLYOKE COLLEGE BIOLOGY DEPARTMENT 50 COLLEGE STREET

SOUTH HADLEY, MA 01075 (413) 538-2149

		F	ACILITY LOCATIONS(sites)		
See Attached Listing				- OBIVED	
				NOV 2 1 2nns	
PEDOPT OF ANIMAL SUSED BY	OR HINDER CONTROL O	E DESEADON FACILITY	((Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
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 lests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tasts were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic or tranquilizing drugs were used.	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)
4. Dogs					0
5. Cats					0
6. Guinea Pigs		8	8		16
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals	-				0
13. Other Animals					0
	-				
ASSURANCE STATEMENTS					
Professionally acceptable			fanimals, including appropriate users followed by this research facilities	se of anesthetic, analgesic, and tranquilizing drugs, prior to lity.	, during,
2) Each principal investigator					
principal investigator and a	approved by the Institutional	i Animal Care and Use C	Committee (IACUC). A summary of	e standards and regulations be specified and explained by to of all the exceptions is attached to this annual report. In ons, as well as the species and number of animals affected.	

(AUG 91)

aspects of animal care a	nd use.		
	CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executi	ve Officer or Legally Responsible Institutional official)	
	I certify that the	ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OF	R INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pr	int) DATE SIGNED
			11/14/06
Al	S FORM 18-23 (Oct 88	I, which is obsolete	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0119 CUSTOMER NO. 143

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

MARINE BIOLOGICAL LABORATORY WOODS HOLE, MA 02543 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MADINE BIOLOGICAL LABORATORY

MADINE BIOLOGICAL LABORATORY

MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543

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 sheets if necessary.)

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 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					
5. Cats					
6. Guinea Pigs			15		15
7. Hamsters					
8. Rabbits			4		4
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils			12		12
	-				

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/24/2006

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0123 CUSTOMER NO. 154

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

GENZYME CORPORATION ONE KENDALL SQUARE BUILDING 1400 CAMBRIDGE, MA 02139-1562

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 sheets if pacessary.)

FACILITY LOCATIONS(sites)

GENZYME CORPORATION CAMBRIDGE, MA 02139-1562

MILLBROOK FARM AMHERST, MA 01002

EPORT OF ANIMALS USED BY	CHARLES WAS ARRESTED FOR THE PARTY OF THE PA	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.		ssary or use APHIS FORM 7023A)	F.
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
. Dogs					
5. Cats					
6. Guinea Pigs			258		258
7. Hamsters			ļ		
3. Rabbits			312		312
Non-Human Primates					
0. Sheep					
11. Pigs			10		10
12. Other Farm Animals					
Goats	36	<u> </u>	6		6
13. Other Animals	In	NO.			
	1				
	1		1		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.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS	RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Re	esponsible 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)

DATE SIGNED

11/20/2006

1. REGISTRATION NO.

14-R-0128

See attached form for additional information CUSTOMER NO:

156

Interagency Report Control No. 0180-DOA-AN

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV 3 0 2006

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

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

> HARVARD UNIVERSITY FACULTY OF ARTS & SCIENCES ONE OXFORD ST RM 124 CAMBRIDGE, MA 02138 (617) 495-1510

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 sheets if necessary.)

FACILITY LOCATIONS (Sites) -See Attached Listing.

		C. N. where of	D. Numbers of animals upon	E. Number of animals upon which teaching, experiments,	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which 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.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reaso such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	. 0	0	0	0
8. Rabbits	1	51	0	0	51
9. Non-human Primates	6	57	0	0	57
10. Sheep	0	0	9	0	9
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Goats	13 .	1	14	0	15
13. Other Animals					
Bats	0	48	0	0	48
Chinchilla	1	0	0	0	0
Ferret	1	0	0	0	0
Hedgehog	1	0	0	0	0
Opossum	0	1	0	0	1

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 rese 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 ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 11/28/06			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0134 CUSTOMER NO. 518

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

EISAI RESEARCH INSTITUTE OF BOSTON, INC. 4 CORPORATE DRIVE ANDOVER, MA 01810

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)

EISAI RESEARCH INSTITUTE ANDOVER, MA 01810

EISAI RESEARCH INSTITUTE WILMINGTON, MA 01877

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, B. Number of D. Number of animals upon Number of experiments, research, surgery or tests were animals being animals upon which experiments. TOTAL NO. conducted involving accompanying pain or distress teaching, research, Animals Covered bred, which teaching, OF ANIMALS to the animals and for which the use of appropriate By The Animal conditioned, or surgery, or tests were research. anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations held for use in experiments, or conducted involving (Cols. C+ have adversely affected the procedures, results, or teaching, testing, accompanying pain or tests were D + E) distress to the animals interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of experiments, conducted research, or and for which appropriate involving no the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report) relieving drugs 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/04/2006

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

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

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. 14-R-0135 CUSTOMER NO. 159

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV (1.) 2006

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

ABBOTT BIORESEARCH CENTER

MANAGER BIORESOURCES

ASSOCIATION DRIVE

ABBOTT BIORESCARCH CENTER
MANAGER BIORESOURCES
100 RESEARCH DRIVE
WORCESTER, MA 01605
(508) 849-2522

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, B. Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, TOTAL NO. Animals Covered teaching, research, conducted involving accompanying pain or distress bred. which teaching, OF ANIMALS conditioned, or surgery, or tests were to the animals and for which the use of appropriate By The Animal research, anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations held for use in experiments, or conducted involving (Cols. C+ teaching, testing, accompanying pain or have adversely affected the procedures, results, or tests were D + E) distress to the animals interpretation of the teaching, research, experiments, conducted experiments, surgery, or tests. (An explanation of involving no research, or and for which appropriate the procedures producing pain or distress in these anesthetic, analgesic, or surgery but not pain, distress, or tranquilizing drugs were animals and the reasons such drugs were not used yet used for such use of painpurposes. must be attached to this report) relieving drugs used. 0 0 0 0 0 4. Dogs Cats Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquillizing 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

aspects of animal care and use.		
(Chie	IFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL of Executive Officer or Legally Responsible Institutional official) 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)	DATE SIGNED
Al 1110 1 Oldin 1 020 (Apple 000 10 1 Oldin	.o 20 (000, 00), Which is obsolete	IEADQUARTERS

(AUG 91)

See Attached Listing

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0138

CUSTOMER NO. 1664

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, include Zip Code)

BETH ISRAEL DEACONESS MEDICAL CENTER 330 BROOKLINE AVENUE BOSTON, MA 02215

sheets if necessary.)	mals were housed or used in actual research, testing, teaching,	or experimentation, or held for these purposes. Attach additional
ee Attached Listing	FACILITY LOCATIONS(sites)	TVED
ee Attached Listing		NOV 2 7 2006
	lB	Y:

animals being bred.	C. Number of			
conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which leaching, 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)
	0	2	0	2
	0	0	0	0
	12	23	0	35
	0	0	0	0
	14	67	0	81
	0	0	0	0
	0	29	0	29
	0	192	0	192
	0	0	0	0
	experiments, research, or surgery but not yet used for such	experiments, research, or surgery but not yet used for such purposes. O 12 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	experiments, research, or surgery but not yet used for such purposes. O 2 O 0 12 23 O 0 14 67 O 0 29 O 29 O 29 O 192	experiments, research, or surgery but not yet used for such purposes. O 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

- 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

	CERTIFICATION BY HEADQUARTERS RESEARC (Chief Executive Officer or Legally Responsible I certify that the above is true, correct, and complete (7)	Institutional official)	
	NAM	L (Type or Print)	DATE SIGNED
(AHG 91)	hich is ol	PART 1	- HEADOUADTEDS



See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0140

CUSTOMER NUMBER: 1724

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

DEC 3 7 2005

Nitromed Inc

125 Spring St - Dir Of Biology/Iacuc Chair

Lexington, MA 02421

Telephone: (781) -685-9700

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. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or 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 attached to this report.)	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	6	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	O	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE 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 rese 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 ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGN	There are a company of the company o	DATE SIGNED 12/19/66
APHI	is obsolete.)	12/1

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. 14-R-0141 CUSTOMER NO. 1767

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

include Zip Code)
ANTIGENICS INC

ANTIGENICS INC 3 FORBES ROAD LEXINGTON, MA 02420 (781) 674-4400

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. surgery, or tests were By The Animal conditioned, or research. to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ accompanying pain or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or the procedures producing pain or distress in these animals and the reasons such drugs were not used anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were purposes. relieving drugs used. must be attached to this report) 4. Dogs Cats Guinea Pigs Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 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.

CERTIFICATION BY HEADQUARTEDO DESCRIBON ENQUERY OFFICE

- 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.

(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
	14-06

obsolete

PART 1 - HEADQUARTERS

No regulated species used during reporting period.

This report is required by law (7 USC 2143). Fairure 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. 14-R-0148

CUSTOMER NO. 9446

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,

DAVINCI BIOMEDICAL RESEARCH PRODUCTS INC 20 MAPLE ST PO BOX 1125 SOUTH LANCASTER, MA 01561 (978) 368-3477

 REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.) 	, testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ATIONS(siles)
See Attached Listing	

REPORT OF ANIMALS USED BY 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 out 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, criests 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			23		23
5. Cats					
6. Guinea Pigs					THE WAY TO SEE
7. Hamsters					
8. Rabbits			101	ine de la companya de	101
9. Non-Human Primates			52		52
10. Sheep			99		99
11. Pigs			49		49
12. Other Farm Animals			20		20
13. Other Animals					

- 1) Professionally acceptable standards governing the cale, treatment, and use of animals, including appropriate use of anesthetic, analystic, 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 adaquate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	
	he above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C. F. O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10-4-06
ZM 19-23 (Oct 8)	PART 1	- HEADQUARTERS

Attachment

This report is required by law (? USC 21 43) 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

RECEIVED
DEC 0 1 2006

Self reverse side for additionalinformation

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 0150/107/7

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 include Zip Code)

2. It is supported to the second of the second

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 sheets if necessary.)
 FACILITY LOCATIONS (Sites)

Sichary of Cambridge REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B.Number of animals being E, Number of animals upon which teaching C. Number of D. Number of animals upon animals upon which experiments experiments, research, surgery, or tests were Animals Covered bred, conducted involving accompanying pain or distress to the animals and for which the use of appropriate which teaching. teaching, research, By The Anima Welfare Regulations conditioned or research, surgery, or tests were conducted involving held for use in TOTALNO experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS teaching, testing, tests were have adversely affected the procedures, results, or accompanying pain or distress to the animals experiments conducted interpretation of the teaching, research, research, or involving no pain, distress. or and for which appropriate experiments, surgery, or tests. (An explanation of (Cols. C + D + E) surgery but not yet used for such anesthetic, analgesic, or tranquilizing drugs were the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report) use of painpurposes relieving drugs used 4. Dogs 5. Cats Ø 0 6. Guinea Pigs 7. Hamsters 8. Rabbits 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, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarization this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

11/29/06

(Replaces VS FURM 18-23 (OCT 88)

11.7 10 2006 pur

Set 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. 14-R-0151/11236

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESTARCH FACILITY (Name and Address, as registered with USDA include Zip Code)
Astra Zeneia Pharmacenticals LP
35 Gatehouse PriveWelltham, MA 02451

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 sheets if necessary.)

FACILITYLOCATIONS (Sites)

35 Gate house Dr., Walthan, MA 02451

A. Animais Covered By The Anima Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experimenta, 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 appropriete 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 those animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0			6	D
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				D
8. Rabbits	0				<i>i</i>)
9. Non-human Primates	0				O
10. Sheep	0				0
11., Pigs	0				0
12. Other Farm Animals	0				0
13 Other Animals					
No	REO	HLA	TED S	PECIES	
SSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquitizing 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 such exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor 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 (Chief Executive Officer or Legally Responsible Ins I certify that the above is true, correct, and complete (7 U.S.C	stitutional Official)
AP	PRM 18-23 (OCT 88) which	O. D. OL

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO.
 14-R-0152

CUSTOMER NO. 12456

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOV 2 7 2006

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

GWATHMEY INC 763 CONCORD AVE BLDG E CAMBRIDGE, MA 02138 (617) 491-0022

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 sheets if necessary.)

See Attached Listing	FACILITY LOCATIONS(sites)	
See Attached Listing		
	l l	

Α.	b. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	
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.	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)
4. Dogs				пропу	
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11 Pigs					0
12. Other Farm Animals					0
					0
3. Other Animals					
		1/2 /2011		+ 1 '	
		we have	only used is	to and mice	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 14-R-0153 CUSTOMER NO. 471 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

DIC 2 7 1:08

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

SERA SOURCE INC P.O. BOX 58 58 S. ROYALSTON ROAD ROYALSTON, MA 01368 (978) 249-0974

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 sheets if necessary.)

See Attached Listing
Out of Research business, property for sale,

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

- 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.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED / 2-19-06
D	ART 1 - HEADOLIARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0154

include Zip Code)

CUSTOMER NO. 148

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, BAYSTATE MEDICAL CENTER 759 CHESTNUT STREET

SPRINGFIELD, MA 01199 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)	
BAYSTATE MEDICAL CENTER SPRINGFIELD, MA 01199		
REPORT OF ANIMALS LISED BY OR LINDER CONTROL OF DESEARCH FACIL	CITY (August additional to the City)	

A. Animals Covered By The Animal Welfare Regulations	B. Number of ariimals 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: (Cois. C + D + E)
4. Dogs					
5. Cats			4		4
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			((a)) (a)		
11. Pigs			39		39
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, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care	CERTIFICATION B (Chief Executive I certify that the a	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CEO	DE INICITITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/07/2006
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88)	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 14-R-0155 13275

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

182006

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

our

MASSACHUSETTS COLLEGE OF PHARMACY & HEALTH 179 LONGWOOD AVE BOSTON, MA 02115 (617) 732-2757

3 DEPORTING EACH ITY (List	all leastings the second	The state of the same of the same of the same of		(017) 732-2737	
sheets if necessary.)	all locations where animals	s were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attach add	ditional
			ACILITY LOCATIONS(sites)		
See Attached Listing					
DEDORT OF ANIMAL OF A				T.	
A.	B. Number of			ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	number of animals being bred, 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.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	N/A				
5. Cats	N/A				
6. Guinea Pigs	N/A				
7. Hamsters	N/A				
8. Rabbits	N/A				
9. Non-Human Primates	N/A				
10. Sheep	N/A				
11 Pigs	NI/X				

ASSURANCE STATEMENTS

12. Other Farm Animals

13. Other Animals

- 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.

N/A

N/A

- 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 ade

aspects of animal care at	nd use.	e adequacy of othe	er
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)		
		rint)	10/16/06
(AUG 91)), which is obsolete	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 14-R-0156 CUSTOMER NO. 749

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)

CAPRALOGICS INC
235 CZESKI ROAD
HARDWICK, MA 01037

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

CAPRALOGICS
HARDWICK, MA 01037

CAPRALOGICS INC
HARDWICK, MA 10037

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	33		236		236
9. Non-Human Primates					
10. Sheep	10				
11. Pigs					
12. Other Farm Animals					
Goats	263		68		68
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 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.

copeda of diffinal care and use.		
(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/15/2006

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO.
 14-R-0157

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

-R-0157 14167

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

CELL SIGNALING TECHNOLOGY, INC. 166 B CUMMINGS CENTER BEVERLY, MA 01915 (978) 867-2300

3.	REPORTING FACILITY	(List all locations where animals were housed or used in actual research, testing, teaching, as a second of the se
	sheets if necessary.)	(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		F	FACILITY LOCATIONS(sites)		
				RECEIVED	
				NOV 1 6 2006	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL (OF RESEARCH FACILIT	Y (Attach additional sheets if nece	essary oriuse APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	Q	0	0	most be attached to this report;	
5. Cats					
6. Guinea Pigs					
7. Hamsters			4		
8. Rabbits			525		525
9. Non-Human Primates			0		30.3
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals	V	V	V		
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACIL (Chief Executive Officer or Legally Responsible Institut I certify that the above is true, correct, and complete (7 U.S.C. S	onal official)
NAME & TITLE OF C.E.O. OR INSTITUTIO	NAL OFFICIAL (Type or Print) DATE SIGNED 11/13/06

(AUG 91)

PART 1 - HEADQUARTERS

OsceTeverse side 2006 additional information.

Interagency Report Control No 900 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0159

CUSTOMER NO. 16296

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

See Attached Listing

(TYPE OR PRINT)

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

BRISTOL MYERS SQUIBB MEDICAL IMAGING INC

331 TREBLE COVE ROAD NORTH BILLERICA, MA 01862 (800) 362-2668 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

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		*1966	6		6
5. Cats					0
6. Guinea Pigs					O
7. Hamsters					0
8. Rabbits	160	4	124		144
9. Non-Human Primates		4			4
10. Sheep					0
11. Pigs					٥
12. Other Farm Animals					0
13. Other Animals					
19					
ASSURANCE STATEMENTS					
 Professionally accentable st 	andards agreening the see	a brandmant and	THE RESERVE OF THE PERSON NAMED IN COLUMN 1		

FACILITY LOCATIONS(sites)

- e 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.

(AUG 91)

- 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.

	(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
ISIGNATURE OF CEO.	OB INSTITUTIONAL OFFICIAL	AL (Type or Print)	DATE SIGNED /0/4/06
APHIS FURM 7023	(Replaces VS FORM 18-23 (Oct 88), w	PART	- HEADQUARTERS

wire

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

1. REGISTRATION NO. 14-R-0160

CUSTOMER NO. 10943

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

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

TGA SCIENCES INC 47 HALL STREET MEDFORD, MA 02155 (781) 393-6910

sheets if necessary.)	nimals were housed or used in actual research, testing, teaching, or experime	ntation, or held for these purposes. Attach additional
See Attached Listing	FACILITY LOCATIONS(sites)	100
		NOV 2 7 2006

A.	B. Number of animals being	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
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.	experiments, research, surgery or 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)
4. Dogs	0			must be attached to this report)	
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0		-		
8. Rabbits	0				
9. Non-Human Primates	0		100		
10. Sheep	0		,		
11. Pigs	0				
12. Other Farm Animals	0				
3. Other Animals	0				
SSURANCE 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.
- 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 ade

aspects of animal care	and use.	of adequacy of	other
SIGNATURE OF C.F.O.	certify that the	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
OIGNATURE OF C.E.O.	OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
A OKW 7023			11/20/06
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), w	PAR	RT 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.

yst. 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. 14-R-0164

CUSTOMER NO. 21373

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. include Zip Code)

NOVARTIS INSTITUES FOR BIOMEDICAL RESEARCH INC

400 TECHNOLOGY SQUARE 1-A4 CAMBRIDGE, MA 02139 (617) 871-4107 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			ACILITY LOCATIONS(sites)	THECEIVED	
Bui	1ding 600 + 6	001		NOV 1 6 2006	
	J			1107 1 0 2000	
				BY:	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	f (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests 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					
5. Cats					
6. Guinea Pigs					
7. Hamsters		_			_
8. Rabbits			50		50
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					,
13. Other Animals					
Ferrels			4		ч
Cotton Rats			270		270
ASSURANCE STATEMENTS					
Professionally acceptable state and following actual research		, treatment, and use of an , or experimentation were	nimals, including appropriate use a followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to, o	furing,

- 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

	(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATU)FFICIAL	MAME & TITLE AFA FA AR WATER	e or Print)	DATE SIGNED
APHIS FC				11/13/00
(AUG 91)	M 18-23 (Oct 88), whi	ic	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

14-R-0165

CUSTOMER NO. 10803

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, include Zip Code) PARATEK

NOV 0 6 2006

75 KNEELAND ST BOSTON, MA 02111 (617) 275-0040

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

FACILITY LOCATIONS(sites)

See Attached Listing 15 KNEELAND ST. BOSTON, MA. 02111-

4 THFLOOR, ROOM 429

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 leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			205		205
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
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, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive learning that the	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	10/31/06

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

PART 1 - HEADQUARTERS

(AUG 91)

F

TOTAL NUMB

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: CUSTOMER NUMBER:

14-R-0170

E. Number of animals upon which teaching, experiments,

research, surgery or tests were conducted involving

accompanying pain or distress to the animals and for wh

30210

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) FYOG

New World Laboratories Inc 25 Winthrop Street Worcester, MA 01604

Telephone: (508) -767-0100

JUN 9 6 2006

Number of

research,

animals upon

which teaching.

Oct 1 2005 -APr 6 2006

B. Number of animal

being bred,

Animals Covered

conditioned, or

held for use in

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)

D. Number of animals upon

which experiments,

teaching, research,

surgery, or tests were

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

FACILITY LOCATIONS (Sites) - See Atached Listing

By The Animal Welfare Regulations	need for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or 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 attached to this report	OF ANIMAL (COLUMN C + D + E
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			hegative to	out	
9. Non-human Primates			tive 10		
10. Sheep		1	Vegan		
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS			The same of the sa		
Professionally acceptable teaching, testing, surger	le standards governing the ca y, or experimentation were fol	re, treatment, and use of a	nimals, including appropriate use of a	anestetic, analgesic, and tranquilizing drugs, prior to, during, and	following actual res

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

SIGNATURE OF OF O CO OR INSTITUTIONAL OFFICIAL

- 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 a Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS HURM 1023

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

6/21/06

(AUG 91)

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 T additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0171

CUSTOMER NO. 30932

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, include Zip Code)

TRANSMEDICS INC 200 MINUTEMAN RD SUITE 302 ANDOVER, MA 01810

(978) 552-0900 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

REPORT OF ANIMALS USED BY	Y OR LINDER CONTROL (DE DECEMBOU FACILITY		essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	V. (Attach additional sheets if necessity) D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs	7	Ø	70	Ø	70
12. Other Farm Animals					TU
13. Other Animals					
	1 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.

ASSURANCE STATEMENTS

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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 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) whic	DATE SIGNED

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0172 CUSTOMER NUMBER: 29667

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Eyetech Pharmaceuticals 35 Hartwell Ave Lexington, MA 02421

MAY 0 5 2006

Telephone: (781) -938-3937

2006 Annual Report.

10005-2(MARO6

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

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 o 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 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
		0		
Ø	.0	48	ø	48
		7. V		7.63
	held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. Treatments, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	held for use in teaching, testing, experiments, or essearch, or surgery but not ye used for such purposes. Tesearch, experiments, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	held for use in teaching, testing, experiments, or tests were conducted involving no pain, distress, or use or purposes. research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs. surgery, or tests were conducted involving a accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, research, experiments, surgery, or tests were conducted involving a accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or interpretation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report used.

- 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 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 ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming the IACUC approved exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional Official)	
-		DATE SIGNED
		4.17.06
	annual land	



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.

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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 14-R-0173

CUSTOMER NO. 31312

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

MOMENTA PHARMACEUTICALS 675 WEST KENDALL STREET CAMBRIDGE, MA 02030 (617) 395-5109

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 sheets if necessary.)

See Attached Listing

FACILITY LOCATIONS(sites)

675 WEST KENDALL St.

CambridgeMA

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 ANIMALS (Cols. C+ D+E)
Ø	Q	Ø	0	Ø
Q	Ø	Ø	Ò	0
P	Ø	Ø	b	0
Ø	Þ	Ø	8	8
6	ф	62	<i>A</i>	(,2
\$	Ь	Ø	N	N
Ø	9,	8	N	\lambda
Ø	Ö	0	0	4
0	9	Q	ý	\$
Ø	× ×	8	8	Ø Ø
		Q		
	teaching, testing, experiments, research, or surgery but not yet used for such purposes.	held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. Q	held for use in teaching, testing, experiments, or tests were conducted involving accompanying pain or distress to the animals and or which the use of appropriate accompanying pain or distress to the animals and or which the use of appropriate accompanying pain or distress to the animals and or which the procedures, results, or interpretation of the teaching, research, or use of pain-relieving drugs. Part

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATITIE DE CE O DE INICETETUTA DE COUE 88), V	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

(AUG 91)

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0174

include Zip Code)

CUSTOMER NO. 30224

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OCT 3 / 2006

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ENANTA PHARMACEUTICALS 500 ARSENAL ST

WATERTOWN, MA 02472 (617) 607-0791

3. REPORTING FACILITY (List	t all locations where animals	were housed or used in	actual research testing teaching	, or experimentation, or held for these purposes. Attach ad	
sheets if necessary.)		were rioused or used in	actual research, testing, teaching	g, or experimentation, or held for these purposes. Attach ad-	ditional
See Attached Listing			ACILITY LOCATIONS(sites)		
See Attached Listing				-constitution & Name	
REPORT OF ANIMALS USED B	Y OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	C. Number of animals upon which teaching, research, experiments, or tests were conducted	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals	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.	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
	surgery but not yet used for such purposes.	involving no pain, distress, or use of pain- relieving drugs.	and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	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)	3 . 2,
4. Dogs				and reporty	
5. Cats		. "			
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
GERBILS	0	0	0	0	0
ASSURANCE STATEMENTS					
			nimals, including appropriate use e followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to, o	during,
Each principal investigator h This facility is adhering to the principal investigator and apaddition to identifying the IA.	e standards and regulations	s under the Act, and it has	s required that exceptions to the s	tandards and regulations be specified and explained by the	
			brief explanation of the exceptions		

aspects of animal care and use. ision of adequate veterinary care and to oversee the adequacy of other

SIGNATURE OF C.E.O.	(Chief Executive (Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) over is true, correct, and complete (7 U.S.C. Section 2143)		en parameter de la regulación.
APHIS FORM 7023	_	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of S	Print)	DATE SIGNED
(AUG 91)	wh	ic	PART 1 - HE	ADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 14-R-0175 CUSTOMER NO. 33163

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)

DIOSYNTH RTP INC
245 FIRST ST 6TH FLOOR

245 FIRST ST 6TH FLOOR CAMBRIDGE, MA 02145 (617) 374-5301

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 sheets if necessary.)

See Attached Listing Organon Research Center USA 245 First St, Cambridge, MA 02142

VAY 2 1 2006

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0.	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY Of the Officer or Legally Responsible Institutional of above is true, correct, and complete (7 U.S.C. Section 2	official)	
INAME & TITLE OF C.F.O. OR INSTITUTIONAL OF	e or Print)	11/16/06
 William is obsolete	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.

2 4 2006 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. 14-R-0176

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, include Zip Code) EPIX PHARMACEUTICALS INC

161 FIRST ST CAMBRIDGE, MA 02142

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing
FPIX Pharmaceuticals Inc.
Animal Facility & Pharmacology Lab - 67 Rogers Street, Cambridge MA 02142

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	2	0	37	0	37
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 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.
- 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

	CEI (C	hief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)		
,		FFICIAL	NAME & TITLE OF CEO. OR INSTITUTIONAL OFFICIAL OF	· Print)	10/20/06
Ā		M 18-23 (Oct 88), wi	nich is obsolete	PART 1	- HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

14-R-0177

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

OCT 26 2006

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

WHEATON COLLEGE VIVARIUM SCIENCE CENTER, 26 E MAIN ST

VIVARIUM SCIENCE CENTER, 26 E MAIN S NORTON, MA 02766 (508) 286-5655

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 sheets if necessary.)

FACILITY LOCATIONS(sites)

Wheater College Vivarium, Science Centerron 434

A.			THE RESIDENCE OF THE PARTY OF T	ssary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	OF ANIMALS (Cols. C + D + E)
4. Dogs		0			
5. Cats		0			
6. Guinea Pigs		0			
7. H. Insters		0			
8. Rabbits		0			
9. Non-Human Primates		0			
10. Sheep		0			
11. Pigs		0			
12. Other Farm Animals		0			
13. Other Animals					
degus		9			9
U					
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.
- 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.

dopects of affirmaticate and use.					
(Chief Execut	ive Officer or Lega	TERS RESEARCH FAC ally Responsible Instit ect, and complete (7 U.S.C.	utional official)		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE	OF CEO OP INSTITUT	IONAL OFFICIAL (Transport		DATE SIGNED
					10/17/06
M 18-23 (Oct 8	8			Γ 1 - HE	EADQUARTERS

(AUG 91)

Interagency Report Control No 0180-DOA-AN

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

1. REGISTRATION NO. 14-R-0178

CUSTOMER NO.

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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

35706

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) OSI EYETECH

35 HARTWELL AVE SEP 2 9 2006 (781) 259-7028

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)

35 Hartwell Are, Lexinoton MA

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.	Esary 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 such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			28		28
9. Non-Human Primates					
10. Sheep					
11. Pigs					
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, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspe	ects of arminal care and see.			
		RTIFICATION BY HEADQUARTERS RES		1
	(0	hief Executive Officer or Legally Response	onsible Institutional official)	1
	- 1	that the above is true, correct, and com	plete (7 U.S.C. Section 2143)	
		- 11	(Type or Print)	DATE SIGNED
				9.18-06
		(Oct 88), which	PART 1	- HEADQUARTERS
(AUG	91)			

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See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 RÉGISTRATION NO. 14-R-0179

CUSTOMER NO. 28195

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

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) ARCHEMIX CORPORATION 300 3RD STREET

CAMBRIDGE, MA 02142 (617) 551-8200

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)

300 3rd Street Cambridge, MA 03142

REPORT OF ANIMALS USED BY A.	B. Number of	C. Number of			
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 ANIMAL: (Cois. C + D + E)
4. Dogs					0
5. Cats					()
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					7)
12. Other Farm Animals					0
13. Other Animals					D
ASSURANCE STATEMENTS			1		

- 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

-	(Chief Executive Officer or Legally Responsible Institutional official) at the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type	
APHIS FORM (AUG 91)	:t 88), which i	QUARTERS

Interagency Report Control No CONTROL 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(2 2008

1. REGISTRATION NO. CUSTOMER NO. 14-R-0180

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, include Zip Code)

> 336 ATHOL RICHLAND RD ROYALSTON, MA 01368 (978) 249-8592

37799

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)

336 AMol-Richmond Rd. Royalston MA

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	ð	0
5. Cats	0	6	0	0	0
6. Guinea Pigs	0	0	7	0	Õ
7. Hamsters	0	0	Õ	0	0
8. Rabbits	6	Ő	6	0	0
9. Non-Human Primates	0	0	8	3	0
10. Sheep	0	0	0	0	0
11. Pigs	6	0	0	Ö	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	Ô	0	0	0	0

- 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, 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.

		ERS RESEARCH FACILITY OFFICIAL	
(Chief	f Executive Officer or Legal	ly Responsible Institutional official)	
1 00	ertify that the above is true, correct	t, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFI	ICIAL INAME STITLE	OF CEO OF INSTITUTIONAL OFFICIAL AT	DATE SIGNED
			9/24/06
RM 1	8-23 (Oct 88), wh		1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-V-0001

CUSTOMER NO. 652

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

FORM APPROVED OMB NO. 0579-0036

-0-

-0-

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ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

purposes.

-0-

-0-

-0-

4. Dogs

5. Cats

relieving drugs

-0-

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-0-

include Zip Code) VA MEDICAL CENTER (518)

200 SPRINGS ROAD BEDFORD, MA 01730

must be attached to this report)

-0-

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		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
				DEC 1 1 2000	
				11. 12 · 4 × 11. 1	
REPORT OF ANIMALS USED E	Y OR UNDER CONTROL O	F RESEARCH FACILITY	/ (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
λ.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in			COLUMN TO SECURE AND ADDRESS OF THE PARTY OF	F. TOTAL NO OF ANIMAL

used.

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- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- /	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
	is true, correct, and complete (7 U.S.C. Section 2143)	
	AME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type o	r Print) DATE SIGNED
		13.5.00
	s	ADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 14-V-0003 CUSTOMER NO. 653

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

VA MEDICAL CENTER (525)

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AND VEN PARKELIAN

VAN PARKELIAN

VAN PARKELIAN

VEN PARK

VA MEDICAL CENTER (525) 1400 VFW PARKWAY WEST ROXBURY, MA 02132

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

VA MEDICAL CENTER (525)
BROCKTON, MA 02301

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 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	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
4. Dogs		onorning drogo.	useu.	must be attached to this report)	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs			46		46
12. Other Farm Animals	-				
13. Other Animals					
Rats (West Roxbury)			847		847
Rats (Brockton)			+ 503		503
Mice (West Roxbury)	207	551	220		771

- 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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depects of arminal care and use.	, and a second control of the second control	
(Chief Execution I certify that the	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
1		
		11/15/2006
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		1
APHIS FORM 7023		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO.
 14-V-0003

CUSTOMER NO. 653

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

VA MEDICAL CENTER (525)

VA MEDICAL CENTER (525) 1400 VFW PARKWAY WEST ROXBURY, MA 02132

Α.	B. Number of	C. Number of	(Attach additional sheets if neces		
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)	TOTAL NO OF ANIMAL (Cols. C + D + E)
Mice (Brockton)	-	93	32		125

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aspects of animal care and use.		
(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/15/2006

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. 14-V-0004

CUSTOMER NO. 651

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, include Zip Code)

VA MEDICAL CENTER (523) 150 S. HUNTINGTON AVENUE BOSTON, MA 02130

 REPORTING FACILITY (List all locations where animals were he sheets if necessary.) 	loused or used in actual research, lesting, leaching, or experimentation, or held for these purposes. Attach add	ditional o
150 South Huntington Avnue, Boston MA	FACILITY LOCATIONS(sites)	20
		10

	surgery but not yet used for such purposes.	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 used.	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)
4. Dogs	1		1	The state of the s	1
5. Cats					<u> </u>
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	12		58		
9. Non-Human Primates	10		16		58
10. Sheep					16
11. Pigs	1		2		
2. Other Farm Animals					2
Goats	10		40		
3. Other Animals					40
				7.	

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s	CERTIFICATION BY HEADQUARTERS RESEATIVE Officer or Legally Responsion the above is true, correct, and complete	hle Inetitutional aggression	-
	NAME & TITLE OF C.E.O. OR	RINSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
ĀF	38), v	PART 1	-HEADQUARTERS