See attached form for additional in

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGMICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0003

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Dana-Farber Cancer Institute 44 Binney St

One Jimmy Fund Way Boston, MA 02115

Telephone: (617) -632-3488

NOV 2 5 2003

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

Α.	B. Number of	C. Number of		al sheets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	numals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	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, leaching, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E
4. Dogs					
5. Cats					
6. Guinea Pigs	0	9	0	0	9
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs		· · · · · · · · · · · · · · · · · · ·			
12. Other Farm Animals					-,4
13. Other Animals					
mice	7500	57262	14315	0	71577
rats	20	105	188	0	293
frogs	125	220	0	0	220
ASSURANCE STATEMENTS					220

- 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

y can be and the dydrace and adequacy of our	er aspects of animal care and use.
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
Ich is obsolete.))ATE SIGNED

See revel additional ... mation.

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

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)

DANA-FARBER CANCER INSTITUTE 44 BINNEY ST ONE JIMMY FUND WAY BOSTON, MA 02115 (617) 632-3488

	(017) 032-3488					
Animals Covered By The Animal Welfare Rigulations Welfare Rigulations Welfare Rigulations Serviced Conditioned, or Intenditing Learning, research, experiments, or least were conditioned in or surgery but not by used for such purposes. 5000 69,500 500 500 500 500 500 500 500 500 500	REPORT OF ANIMALS USED B			(Attach additional sheets if nece	ssary or use this form.)	
	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+
ISURANCE STATEMENTS	zebrafish	5000	69,500	500		70,000
SURANCE STATEMENTS						
SURANCE STATEMENTS						
SURANCE STATEMENTS						
SURANCE STATEMENTS						
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SURANCE STATEMENTS						
SSURANCE STATEMENTS						
	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

(Chief Executive (HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove 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
(Oct 88), v	w	FADQUARTERS

ID: 100

44 Binney St

Smith Research Bldg,

Telephone (617)632-3488

Rm 1170

Boston, MA 02215 County: Suffolk

Yerkes National Primate Research Center

954 Gatewood Road

Telephone

Atlanta, GA 30329

(404) 727-7707

County: Dekalb

Millbrook ImmunoServ

P.0. Box 513

Telephone

Amherst, MA 01004-0562

(413) 253-5083

County: Hampshire

Taconic, Inc.

273 Hover Ave.

Telephone

Germantown, NY 12526

(888)822-6642

Charles River Laboratories

251 Ballardvale St.

Telephone

Wilmington, MA 01887

(800)522-7287

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0004

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pine Acres Rabbitry/Farm 299 E. Main Street

Norton, MA 02766

OCT 0 6 2003

Telephone: (508) -285-7391

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach addition	al sheets if necessarv 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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	27		48		48
5. Cats					
6. Guinea Pigs		. ———			
7. Hamsters					-
8. Rabbits	916		1228	_	1228
9. Non-human Primates	-		^		
10. Sheep	57		131	_	13/
11. Pigs	610		922		922
12. Other Farm Animals					100
Gulf 5 13. Other Animals	20	_	20		20
ospossuM	6	_	6		6
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 atternatives to painful procedures.

(AUG 91)

- 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 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	ICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
APHIS	3-23 (OCT 88) which is	Obsolute)	9/26/03			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

This report is required by law (7 USC 2143). Failure to report acc

result in an order to cease and desist and to be subject to penaltic

1. CERTIFICATE NUMBER: 14-R-0010 CUSTOMER NUMBER: 106

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Schepens Eye Research Institute, The 20 Staniford Street Boston, MA 02114

Telephone: (617) -912-0100

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

REPORT OF ANIMALS 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 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.		which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an involving no pain, distress, or use or pain-relieving tranquilizing drugs were	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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a gestic, or	
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	46	0	0	46
7. Hamsters	0	0	0	0	0
8. Rabbits	1	17	34	0	<u></u>
9. Non-human Primates	0	0	2	0	2
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
3. 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.
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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 as

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	as or animal care and use.
SIG	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
АРН), which is obsolete.)	11/24/03

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

Set reverse side for additionalinformation

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

L REGISTRATION NO . 14-R-0013 99

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) Caritas St. Elizabeth's Medical Center

736 Cambridge Street Boston, MA 02135

Twlephone: (617)789-3189

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

FACILITYLOCATIONS (Sites)

See attached listing

A. Animals Covered By The Anima 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 animats upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animats 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 those animals and the reasons such drugs were not used must be attached to this report)	F. TOTALNO 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	0	0	0	0	0
9. Non-human Primates	0	0	0	0	
10. Sheep	0	0	0	0	0
11., Pigs	0	0	59	0	
12. Other Farm Animals	0	0	0	0	59 0
13 Other Animals	†				
Rats	73	0	1,628	0	1 600
Mice	1,700	0	1,554	0	1,628 1,554
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

		t is a supposed of
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFF (Chief Executive Officer or Legally Responsible Institutional Official I cartify that the above is true, correct, and complete (7 U.S.C. Section 2143).	ICIAL II)
APHIS FORM	Γ 88) which is obs	10/8/03

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 veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

Caritas St. Elizabeth's Medical Center facility locations (sites)

- Center for Biomedical Research building 720 Cambridge Street Boston, MA 02135
- 2) Pine Acres Rabbitry Farm 299 East Main Street Norton, MA 02766 Telephone (508) 285-7391

o the regulations can , ovided for in Section 21! See attach additional

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Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0016

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

L C F Foundation, Inc. Lahey Medical Center 41 Mall Road Burlington, MA 01805

CUSTOMER NUMBER:

Telephone: (781) -744-1439

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAF	RCH FACILITY (Attach addition	al sheets if necessarv 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 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 lests 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. 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	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	
11. Pigs	0	0	9	0	0
12. Other Farm Animals				U	9
Goats	0	0	3	0	
13. Other Animals	0	0	0	0	3
				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.
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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 oth

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	quacy of other aspe	rus or animal care and use.
APF (AUG 91)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL AT 2007, WHICH IS obsolete.)	?rint)	DATE SIGNED 10/2/03

the regulations can ded for in Section 21! See attached form for additional infe on Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0017
CUSTOMER NUMBER: 112

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Boston University Charles River Campus 5 Cummington Street Boston, MA 02215

Telephone: (617) -353-2463

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.	-		CONTROL OF RESEAS	_		
Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests 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 leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquitiz 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 a the reasons such drugs were not used must be attached this report.).
4. Dogs						
5. Cets				 		
6. Guinea Pigs		. 0	,0		2	2
7. Hamsters		· ·				
8. Rabbits				<u> </u>		
9. Non-human Primates		***************************************		-		
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals			 			
Gerbils		8	20		3	31
errets		3	0		. 64	
Bats		0	4000		. 100	4,100

- 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 resching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(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 application of the exceptions, as well as the species and number of animals affected.
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	to disease the adequacy of other a	spects of animal care and use.
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNA	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS F	Chile che delle)	1/6/04

ID: 112

590 Commonwealth

Ave

Boston, MA 02114 County: Suffolk Telephone (617)353-2463

ID: 112

Boston University 5 Cummington Street Boston, MA 02215 County: Suffolk Telephone

ID: 112

1309 Nw 192nd Ave Gainesville, FL 32609 County: Alachua

Telephone (352)485-1250

addition

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Interagency Report Control/No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0018

CUSTOMER NUMBER:]] 4

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Massachusetts Institute of Technology Office of Sponsored Programs 77 Massachusetts Avenue NOV 0 6 2003 Cambridge, MA 02]39

Telephone: (6]7) 253-7086

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach additiona	al 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					0
5. Cats			27		
6. Guinea Pigs			5		27
7. Hamsters			25		5
8. Rabbits					25
9. Non-human Primates			200		200
10. Sheep			80		80
11. Pigs					0
12. Other Farm Animals			23		23
					0
13. Other Animals					
Ferrets			38		-38
ASSUBANCE CTATELENTO					

- 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.
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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

	CERTIFICATION BY HEAD (Chief Executive Officer of	QUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)		osso or diffinal care and use.
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIA	AL (Type or Print)	DATE SIGNED
APHIS), which is obsolete.)			1/3/03

Address of research buildings on the MIT Campus where animals are housed.

- 1. Building 56, 8th floor 20 Ames Street Cambridge, MA 02139
- Building 68, Sub-basement
 Ames Street
 Cambridge, MA 02139
- 3. Building E17/18, 6th floor 400 Ames Street Cambridge, MA 02139
- 4. Building E25, basement 400 Ames Street Cambridge, MA 02139

Non-campus location where animals are housed

1. Pine Acres 299 East Main Street Norton, MA 02766 This report is required by law (7 USC 2143). Failure to report ac result in an order to cease and desist and to be subject to pena

ling to the regulations can s provided for in Section 2150.

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mation.

Interagency Report Control No. 0180-DOA-AN

FORM APPROVED

OMB NO. 0579-0036

JNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CERTIFICATE NUMBER: 14-R-0019 CUSTOMER NUMBER: 107

2. HEADQUARTERS RESEARCH FACILITY Harvard Medical School

Ctr. for Animal Resources & Comparative Medicine

665 Huntington Avenue Boston, MA 02115

Telephone: 617-432-1285

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 12. &/OR 13. Other (List by Species)	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. Numbers 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	0	38	0	38
5. Cats	0	0	11	0	11
6. Guinea Pigs	0	0	102	0	102
7. Hamsters	0	71	142	0	213
8. Rabbits	4	154	495	0	649
9. Non-human Primates	1428	3	773	0	776
10. Sheep	0	0	39	0	39
11. Pigs	0	1	490	0	491
12. Other Farm Animals					
Goat	0	0	6	0	6
13. Other Animals					
Ferrets	0	0	8	0	8
Birds (wild caught)	0	0	3	0	3
Mice (deer)	0	62	0	0	62
ASSURANCE STATEMENTS	······································		<u> </u>		

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.

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

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)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED		
		11/25/03		

AF..... , (200 21) (Replaces v5 FORM 18-23 (OCT 88), which is obsolete.)

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

1

Name/Department:

Center for Animal Resources

& Comparative Medicine (ARCM)

Address:

Boston MA 02115

(a)

Building(s):

ARCM/Central - HSPH/Bldgs. I&II

665 Huntington Avenue

Floor/Room:

Ground and Basement Levels

Contact Person:

Phone Number:

(b)(6), (b)(7)c

(b) Building(s): ARCM/Seeley G. Mudd Building and Harvard Center

for Minimally Invasive Surgery

250 Longwood Avenue

Floor/Room:

Lower Level

Contact Person:

Phone Number:

Contact Person:

Phone Number:

(b)(6), (b)(7)c

(c) Building(s):

ARCM/Warren Alpert Building

200 Longwood Avenue

Floor/Room:

Contact Person:

Lower Level (b)(6), (b)(7)c

Phone Number:

(d) Building: ARCM/Harvard Institutes of Medicine

77 Avenue Louis Pasteur

Floor/Room:

Contact Person:

Lower Level

Phone Number:

(b)(6), (b)(7)c

Site No.:

17

Name/Department:

New England Regional Primate Research Center

Address:

One Pine Hill Drive

Southboro, MA 01772

Building(s):

Main Building and Three Out Buildings

Floor/Room:

Basement and Ground Floors

Contact Person:

Phone Number:

(b)(6), (b)(7)c

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

18

Name/Department:

ARCM/Thorn (satellite)

USDA Registration No.:

14-R-092

Address:

20 Shattuck Street, Boston MA 02115

Building: Floor/Room:

Thorn Building

Contact Person:

15th Floor

(b)(6), (b)(7)c

Phone Number:

Site No.:

21

Name/Department:

Pine Acres Rabbitry/Farm (satellite - swine/dog housing

only)

USDA Registration No:

14-B-52

Address:

299 East Main Street, Norton MA 02766

Building:

Main Building

Floor/Room: Contact Person: First Floor

Phone Number:

(b)(6), (b)(7)c

according to the regulations can inalties as provided for in Section 2150.

See reverse si additional info

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.

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)

NORTHEASTERN UNIVERSITY
DIV. OF LABORATORY ANIMAL MEDICINE
21 MUGAR LIFE SCIENCES BLDG, 360 HUNTINGTON
AVE

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)

NORTHEASTERN UNIVERSITY
BOSTON, MA 02115

NORTHEASTERN UNIVERSITY
BOSTON, MA 02115

Animals Covered By The Animal Welfare Regulations Welfare Regulations Welfare Regulations Animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. A Dogs Animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. A Dogs Animals being bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving accompanying pain or distress to the animals upon which teaching, 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 were used. A Dogs A Dogs Animals being bred, conditioned, or held for use in teaching, research, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress. A conducted involving accompanying pain or distress to the animals upon which teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon to the teaching, research, surgery or tests were conducted involving accompanying pain or distress. A conducted involving accompanying pain or distress to the animals upon to the teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon to the teaching, resear	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.	7
5. Cats 6. Guinea Pigs 7. Hamsters 10 952 8. Rabbits 4 9. Non-Human Primates 10. Sheep 11. Pigs	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	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
6. Guinea Pigs 7. Hamsters 10 952 8. Rabbits 4 9. Non-Human Primates 10. Sheep 11. Pigs	4. Dogs					
7. Hamsters 10 952	5. Cats					
8. Rabbits 4 9. Non-Human Primates 10. Sheep 11. Pigs 10. Sheep 11. Pi	6. Guinea Pigs					· · · · · · · · · · · · · · · · · · ·
9. Non-Human Primates 10. Sheep 11. Pigs	7. Hamsters		10	952		962
10. Sheep 11. Pigs	8. Rabbits			4		4
11. Pigs	9. Non-Human Primates					
	10. Sheep					
12. Other Farm Animals	11. Pigs					
	12. Other Farm Animals					
13. Other Animals	13. Other Animals					
small mammals 73	small mammals		73			73
Sugar Glider 8	Sugar Glider			8		8

- 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 c Officer or Legally Responsible Institutional official) 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
		11/05/2003

APHIS Form 7023 Additional Reported 5 ...s

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

14-R-0021

Customer Number:

118

Facility:

NORTHEASTERN UNIVERSITY

DIV. OF LABORATORY ANIMAL MEDICINE

21 MUGAR LIFE SCIENCES BLDG, 360 HUNTINGTON AVE

BOSTON, MA 02115-5000

Northeastern University
Mugar Life Sciences Building, Basement
360 Huntington Ave.
Boston, Mass. 02115
Northeastern University
Richards Hall, 4th Floor
360 Huntington Ave.
Boston, Mass. 02115
Northeastern University
Nightingale Hall, 3rd Floor
360 Huntington Ave.
Boston, Mass. 02115

additiona

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0022

> CUSTOMER NUMBER: 119

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Massachusetts Eye & Ear Infirmary 243 Charles Street Boston, MA 02114

Telephone: (617) -573-3178

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

REPORT OF ANIMALS	USE	D BY OR UNDER	CON	ROL OF BESEA	OCH E	ACILITY / Awarb and the	-	neets if necessarv or use APHIS Form 7023A)	
Α.					1		ai si	neets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	В.	Number of animals 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs						0			0
5. Cats						25			25
6. Guinea Pigs						96			
7. Hamsters					 	0	-		96 0
8. Rabbits					-	141			141
9. Non-human Primates						9			
10. Sheep						0	-		9
11. Pigs						0	-		0
12. Other Farm Animals						0			0
Chinchillas						19			0
13. Other Animals						17			19

URANCE 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.
- 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 distributing veterinaries for this	s research facility has appropriate authority to	o ensure the provision of adequate veterinary care and to oversee the adequacy of other aspec	ts of animal care and use.
	CERTIFICATION BY (Chief Executive (/ HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
SIC		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
API	38), which is obsolete.	.)	1//2/03

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)

See attached form for additional ation.

FORM APPROVED

Irriteragency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0025

CUSTOMER NUMBER: 121 OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Holyoke Community College Veterinary & Animal Science 303 Homestead Avenue Holyoke, MA 01040

DEC 2 9 2003

Telephone: (413) -538-7000

Holyoke Community College Kennel + MRB Building FACILITY LOCATIONS (Sites) - SegMached Listing

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 ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or lesis 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 whithe 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 at the reasons such drugs were not used must be attached this report).	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4 Dogs		5	3		8
5. Cats		3	5		8
6. Guinea Pigs		3			2
7. Hamsters		o			0
8. Rabbits		6		,	6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils		3			3

- mais, 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

			miner care and acc.
		ARTERS RESEARCH FACILITY OFFICIAL gally Responsible Institutional Official)	
	. NAA	AE 9 TITLE OF GEO OD MOTITUTIONAL OFFICER AS A SECOND	DATE SIGNED
L ,	BB\ which is chsclete \		

See attaaddition. form for .mation,

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0027

CUSTOMER NUMBER: 123

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Avant Immunotherapeutics, Inc. 119 Fourth Avenue

Needham, MA 02194

Telephone: (617) -433-0771

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)

119 FOURTH AVE, NOTHAM, MA FACILITY LOCATIONS (Sites) - See Alached Listing

A.				al sheets if necessarv 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 ye 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 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 tranquilit 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 a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		, , , , , , , , , , , , , , , , , , , ,			
5. Cats				,	
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		71	44		11.
9. Non-human Primates			, ,		115
10. Sheep					
11. Pigs	T1 1 11 11 11 11 11 11 11 11 11 11 11 11				***
12. Other Farm Animals					
3. Other Animals					

- 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 researching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(f. - - - ,

- 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 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 FACILI (Chief Executive Officer or Legally Responsible Institutional	ITY OFFICIAL al Official)	
SIGN/		(Type or Print)	DATE SIGNED
APHIS) which is obsolete)		11/25/03

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0029 CUSTOMER NUMBER:

125

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

New England Aquarium 177 Milk Street Boston, MA 02110

Telephone: (617) -973-5200

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

Marine Mammals Department Animal Care Center

FACILITY LOCATIONS (Sites) - See Atached Listing

	B. Number of	C. Number of		al sheets if necessary 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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBE OF ANIMALS (COLUMNS 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					
lifornia lions	4	2	0	0	
lifornia	2	2	0	0	2
otters rbor seals	7	2	0	U	2

- 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 incommendation 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

	CERTIFICATION BY HEADQUARTERS RESEARCH FA (Chief Executive Officer or Legally Responsible Instituti	CILITY OFFICIAL onal Official)	or annual care and use.
A	plete.)	r Print)	DATE SIGNED 11/18/01

See atta

form for

Interagency Report Control No.:

1. CERTIFICATE NUMBER: 14-R-0030

CUSTOMER NUMBER: 126

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

Brandeis University
Office Of Sponsored Programs
Grant, Contract & Patent Admin
P.O. Box 9110
Mail Stop 116
Waltham, MA 02254

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

REPORT OF ANIMALS	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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)		
4. Dogs					0		
5. Cats					0		
6. Guinea Pigs					0		
7. Hamsters	778	0	0				
8. Rabbits	0	10	0		778 10		
9. Non-human Primates			<u> </u>				
10. Sheep					0		
11. Pigs					0		
12. Other Farm Animals					0		
13. Other Animals							
Gerbils	0	48	0		48		
Gray Squirre	els O	0	50		50		

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 reseteaching, 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 included in 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 OFFIC (Chief Executive Officer or Legally Responsible Institutional Official)	CIAL
SI		DATE SIGNED
AP	88) which is obsolete \	11/17/0

See attac additiona

vation.

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0031 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Acambis, Inc. 38 Sidney Street Cambridge, MA 02139

Telephone: (617) -494-1339

617.761.4200

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					····
8. Rabbits			14		14
9. Non-human Primates					<u> </u>
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 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.
- 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 RESEAF (Chief Executive Officer or Legally Responsible	RCH FACILITY OFFICIAL Institutional Official)	
SIGNATURE		CIAL (Type or Print)	DATE SIGNED
APHIS FORM	plete.)**		11/03/03
(AUG 91	· ·		

ID: 127

Sidney Street Cambridge, MA 02139 County: Middlesex Telephone -(617)494-1339

617.761.4200

See attached form for additiona mation.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0032 CUSTOMER NUMBER: 514

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Shriners Burns Institute Shriners Hospitals For Children 51 Blossom Street Boston, MA 02114

Telephone: (617) -371-4900

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

FACILITY LOCATIONS (Sites) - See Atached Listing

A.		Number of		ļ		nal sheets if necessary 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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs							
5. Cats							
6. Guinea Pigs				_			
7. Hamsters							
8. Rabbits				+-	10		10
9. Non-human Primates				-			
10. Sheep				 	9		9
11. Pigs				-			
2. Other Farm Animals							***
3. Other Animals							
				-			-
				1			

- 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.
- 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)		of a minute care and use.
INAME & TITLE OF C.F.O. OD INSTITUTIONS	it)	DATE SIGNED
is obsolete.)		14.1.60

1 to the regulations can provided for in Section 21! See attag orm for mation. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0036

CUSTOMER NUMBER: 515

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Massachusetts At Amherst **Animal Care Office** 512 Goodell Building Amherst, MA 01003

Telephone: (413) -545-0668

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

FACILITY LOCATIONS (Sites) - See Atached Listing

B. Number of animals being	animals being	animals being	animals being animals upon which	Number of animals upon which experiments,	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving.	F.
or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	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.	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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	TOTAL NUMBEI OF ANIMALS (COLUMNS C + D + E)		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
87	120	615	0	735		
17	6	37	0	43		
0	11	0	0	11		
0	112	0	0	112		
0	33	0	0	33		
10	6	0	0	6		
9	10	0	0	1.0		
\neg			U	10		
heet-page 2						
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes. O O O O O O 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 ye used for such purposes. O O O O O O O O O O O O O O O O O O O	animals being bried, conditioned, or held for use in teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress to the animals and for which aperting pain or distress, or use or pain-relieving drugs. O O O O O O O O O O O O O O O O O O O		

SSURANCE 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.
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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)	cy or other aspec	is or animal care and use.
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICE	- t)	DATE SIGNED
A	is obsolete.)		[11/25/03

ANNUAL REPORT OF RESEARCH FACILITY CONTINUATION SHEET-PAGE 2

University of Massachusetts-Amherst Animal Care Office 512 Goodell Building Amherst, MA 01003 413-545-0668

A	В	С	D	E	F
Virginia Oppossum	0	85	0	0	85
Siberian Hamsters	154	70	75	0	145
Mongolian Gazelle	0	11	0	0	11
Tropical Hares	0	15	0	0	15
Martens	0	34	0	0	34
Gerbils	0	139	0	0	139
Meadow voles	0	8	0	0	8
Beavers	0	0	20	0	20
Prairie voles	800	160	150	0	310
Red-backed voles	0	3	0	0	3
Star-nosed moles	0	2	0	0	2
Short Tail shrews	0	4	0	0	4
Bats:					
Artibeus jamaicensis	0	10	0	0	10
Epomophorus	0	5			
wahlbergi	U	3	0	0	5
Pteropus conspicillatus	0	10	0	0	10
Carollia perspicillata	0	10	0	0	10
Cynopterus brachyotis	0	10	0	0	10
Glossophaga soricina	0	5	0	0	5

Facility locations for Item #3:

Animal Care facilities:

Central Animal Care
Tobin Hall
Bartlett Hall
Morrill Science 2 South
Morrill Science 4 North
Thayer Laboratory
Hadley Livestock Facility
South Deerfield Facility

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 approved previously by the IACUC. This relates to 9 CFR, Ch. 1, Part 3, Subpart B, 3.31,a. This matter was discussed and approved by the IACUC on August 20, 2001. The measure is supported by a policy statement of the Society for the 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 involved delaying cage cleaning because the stimulus of the cleaning process (new cage, fresh bedding, 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 satisfactory as possible until the date 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 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.

' according to the regulations can analties as provided for in Section 2150.

See reverse s additional info.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0038 CUSTOMER NO. 132 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)

WILLIAMS COLLEGE P.O. BOX 666 WILLIAMSTOWN, MA 01267

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
WILLIAMS COLLEGE	FACILITY LOCATIONS(sites)
WILLIAMSTOWN, MA 01267	

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL (OF 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 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 effected 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					
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 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 Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) re 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
		11/25/2003

o the regulations can ovided for in Section 21! See attache additional m for ation. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0041

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Becker College 61 Sever Street

CUSTOMER NUMBER:

Worcester, MA 01609

NOV 1 8 2003

Telephone: (508) -791-9241

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

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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs		3	27	0	30
5. Cats		3	12	0	15
6. Guinea Pigs		10	0	0	10
7. Hamsters		0	0	0	0
8. Rabbits		6	0	0	6
9. Non-human Primates		0	0	0	0
10. Sheep		0	0	0 .	0
11. Pigs		0	0	0	0
12. Other Farm Animals		0	0	0	0
13. Other Animals		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 rescuencing, 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)	
SIGN	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS	solete.)	10/7/03

1345 6

See attach additional

ation.

Interagency Report Control No. 1

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0042 CUSTOMER NUMBER: 122

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Cytogen Research & Development, Inc. 89 Bellevue Hill Road West Roxbury, MA 02132

Telephone: (617) -325-7774

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

			CH FACILITY (Attach addition:	al sheets if necessarv 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	165	12	0	0	12
8. Rabbits					
9. Non-human Primates					
10. Sheep					
I1. Pigs					
2. Other Farm Animals					
3. Other Animals					
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.
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_	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIC	NAME & TITLE OF CEO. OR INSTITUTIONAL OCCION (TO or Print)	DATE SIGNED
APF	is obsolete)	11/8/0

ID: 122

89 Bellevue Hill Rd

Telephone

(617) 325-7774

Waltham, MA 02132

- County: Middlesex ---

West Roxbury, MA 02132 County: Suffolk

ID: 122

Brandeis Unversity Foster Biomedical Research Bldg. Waltham, MA 02254 County: Middlesex Telephone

(781) 736-2052

'o the regulations can ovided for in Section 21! See attach additional

rm for lation. Interagency Report Control 10.47

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0047 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Ariad Pharmaceuticals, Inc. 26 Landsdowne Street Cambridge, MA 02139

Telephone: (617) -494-0400

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 animals upon which teaching, estain, 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, surgery, or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. D. Number of animals upon which teaching, experiments, research, surgery, or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. F. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. F. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress, or interpretation of the teaching, research, surgery, or lests were conducted involving accompanying pain or distress, surgery, or lests, or interpretation of the teaching, research, surgery, or lests were conducted involving accompanying pain or distress, surgery, or lests, or interpretation of the teaching, research, surgery, or lests were conducted involving accompanying pain or distress, surgery, or lests, or animals upon which teaching, research, surgery or lests were conducted involving accompanying pain or distress, surgery or lests were conducted involving accompanying pain or distress, surgery or lests, varied or lest surgery or lests were conducted involving accompanying pain or distress, surgery or lests, varied or appropriate anesthetic, analgesic, or tranquilized from the use of appropriate animals upon which leaching companying pain or distress	REPORT OF ANIMALS	USED BY OR UNDER CONTROL OF RESE	EARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)	
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep	A. Animals Covered By The Animal	B. Number of animals 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 pair distress, or use of pain-relieving	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilizing drugs were the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep	4. Dogs			Ø
6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep	5. Cats			
8. Rabbits 9. Non-human Primates 10. Sheep	6. Guinea Pigs			
8. Rabbits 9. Non-human Primates 10. Sheep	7. Hamsters			
9. Non-human Primates 10. Sheep	8. Rabbits			
10. Sheep	9. Non-human Primates			
	10. Sheep			
11. Pigs	11. Pigs			<u>Ø</u>
12. Other Farm Animals	12. Other Farm Animals			
13. Other Animals	13. Other Animals			Ø

- 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.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
IAL	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type of Origh)	DATE SIGNED			
23 (OCT 88), which is	Oheriete)	11/13/03			

ID:455

26 Landsdowne Street Cambridge, MA 02139 County: Middlesex Telephone

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1	. Registration Number: NOT APPLICABLE
2	. Numberof animals used in this study.
3	. Species (common name)of animals used in the study.
4	Explain the procedure producing pain and/or distress.
5.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, se Item 6 below)
6.	What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	AgencyCFR

see

136

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0061

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Smith College Clark Science Center/Smith College Northampton, MA 01063

Telephone: (413) -585-3959

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

Site listed above.

A.	B.	Number of	C.	Number of	D.	Number of animals upon	E. Number of animals upon which teaching, experiments,
Animals Covered By The Animal Welfare Regulations		animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.		animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.		which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters				68			68
8. Rabbits							
9. Non-human Primates		7.4.		10,0,0			
10. Sheep		-					
11. Pigs							
12. Other Farm Animals					-		
13. Other Animals							
Ferrets		- 108.		1		10	11
Deer Mice						193	193
te Footed Mic						50	50

ASSURANCE STATEMENTS

Ιh

- 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.
- 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)								
SI	INAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (T: or Print)	DATE SIGNED						
AP (AUG 04)								

See attac

form for nation.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0062 CUSTOMER NUMBER: 534

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Robert W. Mc Allister Millbrook Immunoserv P.O. Box 513 Amherst, MA 01004 NOV 2 4 2003

Telephone: (413) -253-5083

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

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 ye 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 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 whithe use of appropriate anesthetic, analgesic, or tranquilizing 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 at the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs								
5. Cats								
6. Guinea Pigs								
7. Hamsters								
8. Rabbits	450	110	207		317			
9. Non-human Primates					<u> </u>			
10. Sheep								
11. Pigs	4				4			
12. Other Farm Animals	·				4			
Goats	90							
13. Other Animals								
								

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 reseteaching, 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 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)

ME &	TITLE OF	C.E.O. OF	INSTITUTIONAL	OFFICIAL	(Type or Pr	int)
ME &	TITLE OF	C.E.O. OF	INSTITUTIONAL	OFFICIAL	(Type or Pr	int)

DATE SIGNED

77/27/	ľ
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ID:534

Research Pig Facility 1730 South East Street Amherst, MA 01002 County: Hampshire

Telephone (413)253-5083

Research Goat Facility 172 Bachlor Street Granky, MA 01033 County: Hampshire

Telephone (413)253-5083)

Research Rabbit Facility 1380 So. East Street

Telephone (413)253-5083

Amherst, MA 01002 County: Hampshire

Rabbit Breeding Facility 1 1210 Bay Road Amherst, MA 01002

Telephone (413)253-5083)

Rabbit Breeding Facility 2 1210 Bay Road Amherst, MA 01002

Telephone (413)253-5083 to the regulations can ovided for in Section 21! See attached form for additional/ attion.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0066
CUSTOMER NUMBER: 721

66

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Embryotech Laboratories, Inc. 323 Andover Street Wilmington, MA 01887

SEP 23 2003

Telephone: (978) -658-4600

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

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, lesting, 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters	162	1108			1108		
8. Rabbits					1100		
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 anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
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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 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 income 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 paperts of points are not use

(Chief Executive Of	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
	NAME & TITLE OF 6.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
38), which is obsolete.)		91803

See attar

form for .mation.

Interagency Report Control No.:

GTC Biotherapeutics

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0074

CUSTOMER NUMBER: 756

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Cto Biotherapeutics

175 Crossing Blvd Framingham, MA 01701

Telephone: (508) -029-9700 508 - 620 - 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

REPORT OF ANIMALS	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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS 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					West				
Goats	595		1179		1179				
13. Other Animals					* - · · · · · · · · · · · · · · · · · ·				
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 reset 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

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

ID: 756

300 Charlton Road Spencer, MA 01507 County: Worcester Telephone (508)248-9828

ID: 756

200 Westboro Rd (Lab Animal Medicine) Peabody Pavillion (Goat Barn) North Grafton, MA 01536 County: Worcester Telephone (508)839-7992

ID:756

St Gabriel Research Station P O Box 34

St Gabriel, LA 70776 0034 County: Iberville

Telephone (504)642-5474

ID: 756

87 New Spencer Rd Charlton Depot, MA 01509

County: Worcester

Telephone 508-620-9700

ID: 756

2938 380th Street Sioux Center, IA 51250 County: Sioux

Telephone 7/2 - 722 - 4/93

See attache addition

CUSTOMER NUMBER:

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760

Interagency Report Control No.: 2571

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0079

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Millennium Pharmaceuticals, Inc. 640 Memorial Drive Cambridge, MA 02139

Telephone: (617) -679-7000

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

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition	al 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs	6	15			15
5. Cats					
6. Guinea Pigs		372	1261		1433
7. Hamsters					1453
8. Rabbits	0		256		256
9. Non-human Primates					
10. Sheep					7-32-9-1
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 anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese 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.

	1 1	CERTIFICATION BY HEADQUARTERS R (Chief Executive Officer or Legally Resp	ESEARCH FACILITY OFFICIAL onsible Institutional Official)	
SIGNATUI		NAME & TITLE O	OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FOF		bsolete.)	•	

Please note the following site locations for Millennium Pharmaceuticals Inc. FY 2003:

ID: 760

(1)35 Landsdowne StreetCambridge, Ma. 02139

Phone: (617)551-3608

(2)*
256 East Grand Avenue
South San Francisco, CA 94080

*Millennium's S. San Francisco site was closed down effective 11/19/03 and is no longer housing animals or performing research as per letter to USDA dated 11/3/03.

See attached addition:

n for ion. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0081

CUSTOMER NUMBER: 139

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Massachusetts Lowell Research Foundation 600 Suffolk Street 2nd Floor South Lowell, MA 01854

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

			I .	al sheets if necessarv 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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			670		670
8. Rabbits					
9. Non-human Primates					
10. Sheep					1
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 anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset 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 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 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/	TAIANE & TITLE OF OF O OR INSTRUCTIONAL OFFICE AT	DATE SIGNED
APHIS	is obsolete.)	9/30/03

ID: 109

600 Suffolk Street 2nd Floor South Lowell, MA 01854 County: Middlesex Telephone

As of September 16, 2003, the IACUC closed the facilities located at Center for Chronic Disease Control, Weed Hall, South Campus

ງ to the regulations can provided for in Section 21!

2003

See attac form for addition: mation Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0082

> **CUSTOMER NUMBER:** 140

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tufts- New England Medical Center, Inc. 171 Harrison Avenue, Nemc #112 Boston, MA 02111

Telephone: (617) -636-5615

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 animals 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	48	0	48
5. Cats	0	2	0	0	2
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	0	5		5
8. Rabbits	0	17	192	0	209
9. Non-human Primates	0	0	0	0	0
10. Sheep	O	0	25		25
11. Pigs	0	0	228	0	228
12. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

(AUG 91)

- 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 reset teaching, testing, surgery, or experimentation were followed by this research facility.
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ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

Tufts-New England Medical Center

Location of Animal Facilities Stearns-Arnold Ziskind

Location of Research Laboratories

M&V
South Cove
Stearns-Arnold
Tupper
Ziskind
Biewend
Jaharis
75 Kneeland

according to the regulations can be illies as provided for in Section 2150.

2003 ee rever side for ormation

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

14-R-0050 (173)
FORM APPROVED OMB NO. 0579-0036

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

BOSTON COLLEGE OFFICE FOR SPONSORED PROGRAMS SERVICE BUILDING ROOM #205 CHESTHUT HILL MA 02467

J. REPORTING FACILITY	(List all locations where animals were housed or used in actual	
sheets if necessary.)	(List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. A	Attach additional
	- Forboard	Trees additional

FACILITY LOCATIONS (Sites)

HIGGINS HALL BOSTON COLLEGE

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 tranguilizing 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					
7. Hamsters					
8. Rabbits	0	0	0	0	
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 approriate 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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- 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 reciting is authering 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.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certily 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 O. C.	Type or Print)	DATE SIGNED			
APH (AUC 01)	, which is obsolete.)		12/8/03			

the regulations can vided for in Section 21!

ULI U3 ZW3 See attached form for additional ation.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0052 CUSTOMER NUMBER: 469

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142

Telephone: (617) -914-7016

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

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. 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	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	

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.

(TELEVISION TO A VINIT TO A VINIT TO SOURCE.)

- 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 applicational 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 and the second sec	authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL recutive Officer or Legally Responsible Institutional Official)	
SIGNATI DE DE DE D. OD INISTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 0 1 03
APHIS 1		

(AUG 91)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0052

Customer Number:

469

Facility:

Biogen, Inc.

14 Cambridge Center Cambridge, MA 02142

Building Bio 6 Building Bio 8

Α.				al sheets if necessarv 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 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, surgary, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					7
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSUBANCE STATEMENTS					\mathscr{Q}^{T}

- 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.

	٢	CERTIFICATION BY HEAI (Chief Executive Officer	OQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)		
SIGNATURE OF C.E.(NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL CO		DATE SIGNED
APHIS FORM 7023		ich is obsolete.)	,	7-1	

PAGE 0300

DEC-16-2003 11:20

sheets If necessary.)

See Attached Listing

JOBR APHIS AC

This report is required by law (7 USC 2143). Fallore to report according to the regulations can result in an order to couse and dealet and to be subject to pensally as provided for in Section 8160.

See reverse side additional information.

919 716 5696 P.04/08 0180 DOA AN

UNITED STATES	DEPARTMENT (DF ACRICULTURE
ANIMAL AND PLA	NT HEALTH INSI	PECTION SERVICE

RECESTRATION NO. CLISTOMER NO.

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

14-R-0058 137 2. NEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Codel WORCESTER POLYTECHNIC INSTITUTE 100 INSTITUTE ROAD WORCESTER, MA 01609

(506) 831-5000 1. SEPORTERS FACILITY (List all locations where animals were housed or used in scalar research, jesting, islanting, or experimentation, or held for those purposes. Altech additional

REPORT OF ANIMALS USED BY	/ OR LINDER CONTROL C	OF RESEARCH FACILITY	((Attach eadinnel aheata il nece	MERSHY OF LINE APHIS FORM 7023A)	
A. Animals Covered By The Arietal Welfare Regulations	B. Number of animals being bred, candidoned, or hald for use in teaching, institut, experimental, research, or surgery but not yet tread for such purposes.	C. Number of ministe upon which leaching, repeated, aspertently, or tests were conducted investing to poin, distress, or use of path-relieving drugs.	D. Number of primete upon which asperiments, teaching, research, surject, or lests were conducted involving seconducted involving seconducted involving seconducted in the artimete and for which appropriate an arealizable, analysesic, or transpoliticing drugs were until	E. Number of animals upon which leading, superiments, research, bufferly or tests were conjucted involving accompanying pain or distress to the animals and on which his use of appropriate meethed, armigeeld, or famplifying drugs would have adversely affected the procedures, results, or interpretation of the teaching, sessanth, 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 ANNUALS (Cott. C + D + E)
4. Dogs					
5. Cals		'			
6. Quinna Pigs					
7. Hamsters					
8. Ruthiylus					
9. Non-Huntan Primates					
10, Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animala					
Rats			139		139
Mice			20		20
ACAURANCE STATEMENTS					

FACILITY LOCATIONS/sheet

- Professionally acceptable standards governing the circs, treatment, and use of animals, including appropriate use of anesthetic, anelgosic, and tranquitizing drups, prior to, during, and following accept respects, leading, leading, leading, argeny, or experimentalism were followed by this redealch facility.
- 2) Each principal investigator has considered attenuitives to points procedures.
- 3) Trie facility is advanting to the standards and negations under the Act, and it has required that exceptions to the etandards and regulations and explained by the principal investigator and approved by the institutional Animal Cure and the Commisse (IACUC). A commany of all the exceptions is attached to this amount repoint. In addition to identifying the IACUC-approved exceptions, this automorphism by includes a trief superstant of the exceptions, as two species and number of entends alterted.
- 4) The attending valutionalism for this research facility has appropriate sufficient to ensure the provision of adequate valutionary cars and to everyone the adequacy of other associate of artificial care and use.

GERTIPICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Cible! Executive Officer or Legally Responsible institutional official) I cartify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SECONATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Prest)	DATE STONED					
		12/22/63					

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 50), which is absolute

PART 1 - HEADQUARTERS

See attache additional i m for ition.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0071

CUSTOMER NUMBER: 128

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Joslin Diabetes Center, Inc. Elliott P. Joslin Research Lab One Joslin Place Boston, MA 02215

Telephone: (617) -732-2474

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

REPORT OF ANIMALS	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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS	
4. Dogs	0	0			0	
5. Cats	0	0			0	
6. Guinea Pigs	0	0			0	
7. Hamsters	0	0			0	
8. Rabbits	0	0			0	
9. Non-human Primates	0	0			0	
10. Sheep	0	0			0	
11. Pigs	0	0			0	
12. Other Farm Animals	0	0			0	
13. Other Animals	0	0			0	
					0	
		Į Į				

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 incoming 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)						
SIGNATURE OF OF O OR INSTITUTIONAL OFFICIAL	THE OF C. C. OR MOTITUTIONAL OFFICIAL (Total or Print)	DATE SIGNED				

This report is required by law (7 USC 2143). F	ailure to report acc
result in an order to cease and desist and to be	subject to penalti

to the regulations can provided for in Section 21!

See attac' addition orm for nation.

Interagency Report Control No.

L'NITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CERTIFICATE NUMBER: 1

CUSTOMER NUMBER: 1

14-R-0086

142

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Biotek, Inc.

21-C Olympia Avenue Woburn, MA 01801 DET 2 0 2003

Telephone: (781) -938-0938

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

REPORT OF ANIMALS	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, condition or heid for use teaching, testi experiments, research, or surgery but not used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted	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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits		90			90	
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 anestatic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset 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.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF OF O OR MOTITUTION OF OFFICE	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		10/1/03				

(AUG 91)

ch is obsolete.)

See attached form for additional inf

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0107

CUSTOMER NUMBER: 150

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

The CBR Institute for Biomedical Research, Inc 800 Huntington Avenue Boston, MA 02115

Telephone: (617) -731-6470

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)

The CBR Institute for Biomedical Research ocations (sill 800 stunting ton Avenue, Boston, MA First & Second Floor rodent rooms

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 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.	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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached 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	0	0	0	0	ŋ
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

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.

The attending veterinarian for this research facility has applicable.	propriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	RTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF CEO OF INSTITUTIONAL OFFICIAL	NAMER TITLE OF CEA OF INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

(AUG 91)

(mephaces valnorm 10-23 (OCT 00), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0126 CUSTOMER NUMBER:

155

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Advanced Magnetics, Inc. 61 Mooney Street Cambridge, MA 02138

Telephone: (617) -497-2070

10412-30 Sepo3

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

REPORT OF ANIMALS	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 animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yε 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, 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	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	0						
5. Cats	0						
6. Guinea Pigs	Ĉ						
7. Hamsters	0						
8. Rabbits	0						
9. Non-human Primates	()						
10. Sheep	Ŏ						
11. Pigs	Q_{α}						
12. Other Farm Animals	\mathcal{U}						
13. Other Animals	0						
ASSURANCE STATEMENTS							
ASSOCIATION 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.
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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.

	^		CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)	
SIGNATI			NAME & TITLE DE C E O OR INSTITUTIONAL OFFICIÁL A TOTAL	DATE SIGNED
APHIS FORM 7023		(Replaces VS FORM 18-23 (OCT 88), which	h is obsolete)	1/2/01

OCT 0 2003

See attach additional nation. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0133

CUSTOMER NUMBER: 149

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Sturbing 4/10/03 Transkaryotic Therapies Inc.

700 Main Street Cambridge, MA 02139

195 Albanyst Cumbridge MA02134 (Thru 4/15/03)

Telephone: (617) -491-7630

(617) 349-

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

	USED BY OR UNDER		RCH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
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 whithe use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs	Ü -		0	0	0
5. Jats	0	\bigcirc	0	0	
6. Guinea Rigs	Θ	Θ	Θ	0	Θ
7. Hamsters	Θ	\bigcirc	Θ	0	\rightarrow
8. Rabbits	\rightarrow	0	0	· ()	
9. Non-human Primates	0	()	A-	\bigcirc	<u> </u>
10. Sheep	0	0	()	A	<u> </u>
11. Pigs	Θ	0	0	$\overline{\Delta}$	<u> </u>
12. Other Farm Animals	0	0	0	ð	0
13. Other Animals					
				:	
ACCUPANCE OTATION				·	

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

SIGNAT

DATE SIGNED

APHIS F

(AUG 91)

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

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 14-R-0140 CUSTOMER NUMBER: 1724

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUM

Nitromed, Inc. 12 Oak Park Drive Bedford, MA 01730

Telephone: (781) -685-9700

NOV 1 8 2003

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	В	Number of	C.	Number of	D	Number of animals upon	E. Number of animals upon which teaching, experiments,	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 ye used for such purposes.	t t c	animals upon which teaching, research, experiments, or ests were conducted nvolving no pain, distress, or use of pain-relieving drugs.	J.	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.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whe the use of appropriate anesthetic, analgesic, or tranquitized uses 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 at the reasons such drugs were not used must be attached this report.).	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	1							
5. Cats								
6. Guinea Pigs								
7. Hamsters			 					******
8. Rabbits						32		32
9. Non-human Primates								
10. Sheep				•				
11. Pigs	Ī							
12. Other Farm Animals								
13. Other Animals	-					<u> </u>		
	1						.:	

SSURANCE 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 reset 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

ć	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of	or Print) DATE SIGNED

See attac

rm for nation. Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0143

CUSTOMER NUMBER: 1788 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Vertex Pharmaceuticals, Inc. 130 Waverly Street Cambridge, MA 02139

Telephone: (617) -444-6100

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

REPORT OF ANIMALS	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 yε 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs	0	0	0	0	0	
7. Hamsters				-		
8. Rabbits						
9. Non-human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
					· .	
ASSURANCE STATEMENTS						

(AUG 91)

- 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.
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	A	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)				
SIGNATURE OF C.		AL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
APHIS FORM 7023		3 (OCT 88) which is absolu	ata)			

See attach additional

nation.

Interagency Report Control No...

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0145

> CUSTOMER NUMBER: 1802

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

U C B Research, Inc. 840 Memorial Drive Cambridge, MA 02139

NOV :

Telephone: (617) -547-0033

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach addition	al 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			QGTX		8000
7. Hamsters			0.700		0700
8. Rabbits					
9. Non-human Primates			- N-		
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Mice			3828		<i>3</i> 628
'rats			966		966
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 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)			
1	'IONAL OFFICIAL		DATE SIGNED	
Ā	VS FORM 18-23 (OCT 88), which is	obsolete.)	<u> </u>	

See attach additiona!

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11236

Interagency Report Control Name

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0151

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Astrazeneca Pharmaceuticals Lp 35 Gatehouse Dr

Waltham, MA 02451

CUSTOMER NUMBER:

SEP 2003

Telephone: (781) -839-4566

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

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach addition:	al sheets if necessarv 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. 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	O	O	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	O O	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

(AUG 91)

- 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 researching, 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)						
APHIS FORM 7023	3 (OCT 88), which is o	bsolete.)	1/50/03			

tion.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0161

CUSTOMER NUMBER: 1658

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tranxenogen, Inc. 800 Boston Turnpike NOV 0 7 2003

Shrewsbury, MA 01545

Telephone: (508) -842-5036

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

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 ye 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 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep						
11. Pigs	2					
2. Other Farm Animals						
3. Other Animals						
ASSURANCE STATEMENTS						

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	to a dequate veterinally 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)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
APHIS FOF	s chsclete)	Nov 3, 2003				

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s obsolete.,

ID: 1658

800 Boston Turnpike Shrewsbury, MA 01545 County: Worcester Telephone

ID: 1658

299 East Main St Norton, MA 02766 County: Bristol Telephone

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0166 CUSTOMER NUMBER: 22137

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Microbia Inc 320 Bent St

Cambridge, MA 02141

Telephone: (617) -621-8396

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	animals being animals upon which experiments, teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh surgery, or tests were the use of appropriate anesthetic, analgesic, or tranquilize. By The Animal teaching, testing, experiments, or conducted involving accompanying pain or distress to the animals and for when the use of appropriate anesthetic, analgesic, or tranquilize conducted involving drugs would have adversely affected the procedures.				
4. Dogs	0				
5. Cats	Ō				
6. Guinea Pigs	()				1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
7. Hamsters	0				
8. Rabbits	\sim				
9. Non-human Primates	\mathcal{O}				
10. Sheep	0				
11. Pigs	0				·
12. Other Farm Animals	\circ				
13. Other Animals	mice trais				

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
APHIS F	obsolete.)				

See att addition form for mation.

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Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0141

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Antigenics, Inc. 3 Forbes Road Lexington, MA 02420

CUSTOMER NUMBER:

OCT 2 7 2003

Telephone: (781) 721 3500 781 - 674 - 4460

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)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, 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, 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached this report.).	
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					

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HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
 NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED /0/23/03

Customer ID and Site Address:

ID: 1767

34 Commerce Way Woburn, MA 01801 County: Middlesex Telephone 781-721-3500

Customer ID and Site Address:

ID: 1767

3 Forbes Road Lexington, MA 02420 County: Middlesex Telephone 781-674-4400

See attachr rm for additional nation. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0148

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Davinci Biomedical Research Products, Inc.

20 Maple St

Po Box 1125

NOV 6 7 2003

South Lancaster, MA 01561

Telephone: (978) -368-3477

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)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animais Covered By The Animai Welfare Regulations	B. Number of animals 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, 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	0	U	106	6	1060		
5. Cats	0	0	0	C	\mathcal{O}		
6. Guinea Pigs	0	0	0	O	$\overline{}$		
7. Hamsters	0	0	Ŏ	0	0		
8. Rabbits	O	0	20	0	20		
9. Non-human Primates	\mathcal{O}	Ó	0	0	0		
10. Sheep	0	0	52	0	52		
11. Pigs	O	0	71	0	71		
12. Other Farm Animals	0	0	Ó	0	0		
3. Other Animals	C	0	111(rodu +	s) O	11		
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.
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	CERTIFICATION BY HE (Chief Executive Office	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIC		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Α	Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		11-4-05

Customer ID and Site Address:

iD: 9446

20 Maple St Po Box 1125

South Lancaster, MA 01561

County: Worcester

Telephone (978)368-3477 to the regulations can OCT 0 7 2003 ovided for in Section 21!

See attache firm for additional lation

Interagency Report Control No:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0150

CUSTOMER NUMBER: 10717

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Alkermes, Inc 88 Sidney St

Cambridge, MA 02139

Telephone: (617) -494-0171

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)

345 Vassar Street, Cambridge, MA U2139 - See Alached Listing

REPORT OF ANIMALS	OSED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach additiona	I sheets if necessarv 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs			828		828
7. Hamsters					
8. Rabbits					******
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
PS175-de-					
					_
ASSURANCE STATEMENTS					

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		ATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)	
47	L	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
A	(OCT 88) which	is obsolete.))d3 GX

See attach/ additional

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0152

CUSTOMER NUMBER: 12456

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Gwathmey, Inc. 763 Concord Ave Bldg E Cambridge, MA 02138

Telephone: (617) -491-0022

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)

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		Number of animals 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 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, expresearch, surgery or tests were conducted in accompanying pain or distress to the animals the use of appropriate anesthetic, analgesic, drugs would have adversely affected the procresults, or interpretation of the teaching, resee experiments, surgery, or tests. (An explanatiprocedures producing pain or distress in these the reasons such drugs were not used must be this report.).	eriments, colving and for wh or tranquiliz edures, arch, on of the	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs								
5. Cats								<u>c</u>
6. Grinea Pigs								O
7. Hamsters								0
8. Rabbits								
9. Non-human Primates								ن
		·			 			U
10. Sheep								υ
11. Pigs								0
12. Other Farm Animals								
								0
13. Other Animals					 			
	-					The state of the s		
	.				 	Plantin grant and a second sec		
ASSURANCE STATEMENTS					 			

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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 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 income summary income and 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)				
SIGNATINDO OF O DO MOTIFIED ON OFFICE	_	NAME & TITLE OF C.E.O. OR INSTITUTIONAL ASSISTANCE	Print)	DATE SIGNED
	-nich is obsolete.)	<u> </u>		10/20/03

RECEIVED DEC 1 to the regulations can provided for in Section 21!

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0153

CUSTOMER NUMBER: 471

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Sera Source, Inc. P.O. Box 58

58 S. Royalston Road Royalston, MA 01368

Telephone: (978) -249-0974

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)

2 Rooms

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 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 animats 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		10			10
8. Rabbits		110			110
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ACCUIDANCE OF ATTENDED	· · · · · · · · · · · · · · · · · · ·				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research 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/	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL / Type or Print)	DATE SIGNED 12/1/03

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-F-0010

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

National Marine Fisheries Service Aquarium 166 Water Street

645

Woods Hole, MA 02543

CUSTOMER NUMBER:

Telephone: (508) -495-2229

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

	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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	*****				
9. Non-human Primates					
10. Sheep					
11. Pi gs					
12. Other Farm Animals					
3. Other Animals					
harber seals	2	2 teac	hisophy		2
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 researching, 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 ap 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)				
AFDIO FURM /UZ3	eplaces VS FORM 18-23 (OCT 88), which is obsolete.)	NAME & TITLE OF CEO. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		

See atta addition

form for rmation

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0154 CUSTOMER NUMBER: 148

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Baystate Medical Center 759 Chestnut Street Springfield, MA 01199

Telephone: (413) -794-4356

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

	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition:	al 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	52		52		
12. Other Farm Animals					62
13. Other Animals					
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 researching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 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.

CERTIFICA	authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects NTION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL RECUTIVE Officer or Legally Responsible Institutional Official)	of animal care and use.
SIGNATURE OF CEO. OR INSTITUTIONAL OFFICE	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FOUNDATION AND APPROPRIES.		11/12/03

(AUG 91)

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

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` 'orm for .nation Interagency Report Control No.: LSM

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0155

CUSTOMER NUMBER: 13275

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Massachusetts College Of Pharmacy & Health 179 Longwood Ave

Boston, MA 02115

Telephone: (617) -732-2942

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)

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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TCTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	NA				
5. Cats	NA				
6. Guinea Pigs	NA				
7. Hamsters	0	0	634	0	634
8. Rabbits	NA NA			Ü	UJ4
9. Non-human Primates	NA.				
10. Sheep	NA				
11. Pigs	NA				
12. Other Farm Animals	NA				
3. Other Animals	NA				
			•		

- 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.
- 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)		
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIA	AL (Type or Print)	DATE SIGNED
			11/25/0

the regulations can vided for in Section 21! DEC 0 1 2003

See attached additional ir

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0156 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Capralogics, Inc. 235 Czeski Road Hardwick, MA 01037

Telephone: (413) -477-6866

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)

REPORT OF ANIMALS	USED BY OR LINDER	CONTROL OF BESEAR	ICH FACILITY (A.H 1 I IIII	al sheets if necessarv or use APHIS Form 7023A)	
Α.					
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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	20		457		477
9. Non-human Primates			, , , ,		11+
10. Sheep	7		9		11
11. Pigs					
12. Other Farm Animals					
Goals	29		52		87_
13. Other Animals					06-
ASSURANCE STATEMENTS					

- 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 results. 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 OFFIC (Chief Executive Officer or Legally Responsible Institutional Official)	IAL
SIGNATUR		DATE SIGNED
APHIS FORI	which is obsolete.)	, <u>"[24/08]</u>

the regulations can vided for in Section 21!

DEC 0 1 2003

See attache additional i m for

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0157

CUSTOMER NUMBER: 14167

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Cell Signaling Technology, Inc. 166 B Cummings Center Beverly, MA 01915

Telephone: (978) -867-2300

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)

166 B Cumminss Center

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditione or held for use in teaching, testing experiments, research, or surgery but not y used for such purposes.	research, g, experiments, or tests were conducted	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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	OF ANIMALS (COLUMNS
4. Dogs	$\dot{\phi}$	0	Q.	\circ	
5. Cats				T T	
6. Guinea Pigs					
7. Hamsters			 		
8. Rabbits			67		17
9. Non-human Primates					<u> </u>
0. Sheep					
1. Pigs		1 1			
2. Other Farm Animals					
3. Other Animals		V			

SSURANCE 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 reseted 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 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

	The state of the s	s of animal care and use.
CERTIFICATION (Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional Official)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/24/03
i, which is obso	plete.)	

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

UNITED STATES DEPARTMENT OF AC **JLTURE** ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER:

า~-เ≺-0159

CUSTOMER NUMBER: 16296

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Bristol-Myers Squibb Medical Imaging, Inc. 331 Treble Cove Road North Billerica, MA 01862

Telephone: (800) -362-2668

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 N. Billevica MA BILL 500

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY / Attach addition	al 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 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, 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 whithe use of appropriate anesthetic, analgesic, or tranquilized rugs 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 at the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs			23		23
5. Cats					<u> </u>
6. Guinea Pigs					0
7. Hamsters					<u>၂</u>
8. Rabbits	8		131		139
9. Non-human Primates	4		10		<u> 137</u>
10. Sheep					0
11. Pigs					
12. Other Farm Animals					0
					<u> </u>
13. Other Animals					
ACCUIDANCE CTATEMENTO					

- 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)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL / Type of Book

DATE SIGNED

APHIS FORM 7023

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

(AUG 91)

the regulations can vided for in Section 21!

See attache addition

ກ for lion.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0084

CUSTOMER NUMBER: 141

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tufts University Associate Provost For Research Institutional Official- Ballou Hall Medford, MA 02155

Telephone: (617) -627-3417

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

FACILITY LOCATIONS (Sites) - See Atached Listing

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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		9-19-11			
7. Har sters					
8. Rabbits					
9. Non-human Primates	- 6	32			32
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 anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, 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 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 included in 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)		
SIGNATURE OF C TO AD WATER TAKEN	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL AT THE SECOND	DATE SIGNED	
APHIS FORM 7023			

Customer ID and Site Address:

ID: 141

Barnum Hall Medford, MA 02155 County: Middlesex Telephone

See attach additional

rm for nation Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0160

CUSTOMER NUMBER: 10943 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tga Sciences, Inc. 47 Hall Street Medford, MA 02155

SEP 2 3 2003

Telephone: (781) -393-6910

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

The only facility IN use is at:

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	ICH FACILITY (Attach addition	al sheets if necessarv 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 ye 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 an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lesis were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 at the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				0
8. Rabbits	0				0
9. Non-human Primates	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0
ACCUPANCE CTATEMENT					

- 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 researching, 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 ep 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 (Chief Execut	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL tive Officer or Legally Responsible Institutional Official)	
SIGNATI		PAGE THE OF CEC. OF WATER	DATE SIGNED
APHIS FC			921.13
APHISTC	(OCT 88) which is obse	niete)	

(AUG 91)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0089

CUSTOMER NUMBER: 516

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Boston Biomedical Research Institute 64 Grove Street

Watertown, MA 02472

Telephone: (617) -658-7807

NOV 1 8 2003

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)

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAF	RCH FACILITY (Attach addition:	al sheets if necessarv 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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use ol 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 tranquility 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 a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					···
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates	none	14	none	none	14
I0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
ferrets	none	122	none	none	122
chickens	none	12	none		122
				none	12
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

	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)	
SI€	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023	(Replaces VS FORM 18-23 (OCT 88) which is obsolete.)	11/10/0

ation.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0164 CUSTOMER NUMBER: 21373

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Novartis Institutes for BioMedical Research, Inc. 400 Technology Square Cambridge, MA 02139

Telephone: (617) -871-3200

FACILITY LOCATIONS (Sites) - See Atached Listing

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)

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A)	<u> </u>
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 ye 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 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		605	29		
8. Rabbits		002	2)		634
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
3. Other Animals					
				.,	
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 research facility.
- 2) Each principal investigator has considered atternatives 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

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)			
SIGNATURE OF C.E		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
APHIS FORM 7023	YT 99) which is a basel (1)	<u> </u>	11-7-03	
(AUG 91)	CT 88), which is obsolete.)			

Customer ID and Site Address:

ID:21373

100 Technology Square Cambridge, MA 02139 County: Middlesex Telephone

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0165

CUSTOMER NUMBER: 10803

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Paratek 75 Kneeland St Boston, MA 02111

Telephone: (617) -275-0040

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)

15 KNEELAND ST BOSICH, MA CLILL

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAF	RCH FACILITY (Attach addition	al sheets if necessarv 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 ye 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 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Doge					* **
5. Cats					
6. Guinea Pigs					
7. Hamsters	1	NUNE	30		20
8. Rabbits					80
9. Non-human Primates					
I0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
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 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 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.

OF DETICAL TRANSPORT
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
THE IDECAMALE RESEARCH PACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
(Office Executive Officer of Legally Responsible Institutional Official)
o , i i i i i i i i i i i i i i i i i i

NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL ATTER TO SELECT

DATE SĮGNED

APHIS FORM 7023 (AUG 91)

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

Custome ID and Site Address:

ID: 10803

75 Kneeland St 4th Floor Boston, MA 02111 County: Suffolk Telephone (617)275-0040 the regulations can /ided for in Section 21!

NOV 2 8 2003

See attached in for additional in tion.

Interagency Report Control No .:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0090

CUSTOMER NUMBER: 134

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Mount Ida College 777 Dedham Street Newton, MA 02459

Telephone: (617) -928-4545

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

THE ON OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	RCH FACILITY (Attach additiona	il 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 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, 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			32		32
5. Cats			24		24
6. Guinea Pigs			3		3
7. Hamsters					11
8. Rabbits			9		9
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	***				· · · · · · · · · · · · · · · · · · ·
		L			

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 reset 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 included by the principal investigator and approved in the interval 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.

		IEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
_	·	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

ALTIS FUNIVI 1023

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

Customer ID and Site Address:

ID: 134

777 Dedham Street Newton, MA 02459 County: Middlesex Telephone (617)928-4545

Mount Ida Collège Kennel Building 777 Dedham Street Newton Centre, MA 02459

Mount Ida College Laboratory Animal Care Facility 777 Dedham Street Newton Centre, MA 02459 This report is required by law (7 USC 2143). Failure to report according to the regulations can NOV 2 6 2003 See reversed the for result in an order to cease and desist and to be subject to penalt

provided for in Section 2150.

nation.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE Number: 14-R-0092 CUSTOMER NUMBER: 144

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY Brigham & Women's Hospital 10 Brookline Place Research Administration Brookline, MA 02445 Telephone: 617-525-3160

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.)

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. Numbers 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	4	0	4
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	37	16	0	53
7. Hamsters	0	8	145	0	153
8. Rabbits	0	22	156	0	178
9. Non-human Primates	0	12	2	0	14
10. Sheep	0	0	0	0	0
I1. Pigs	0	0	280	0	280
12. Other Farm Animals					
Goat	0	0	2	0	2
3. 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.
- 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 3) 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
- 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)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED 11/25/03		

FACILITY SITES LISTING

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

14-R-0092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

1 Name/Department: Center for Animal Resources & Comparative Medicine (ARCM)

at Brigham & Women's Hospital

Address:

Boston, MA 02115

(1) **Building:**

Floor/Room:

ARCM/Thorn Building - 20 Shattuck Street

20 Shattuck Street - 16th Floor

Contact Person:

Phone Number:

(b)(6), (b)(7)c

(2) **Building:**

Floor/Room:

Contact Person:

Phone Number:

ARCM/Longwood Medical Research Center (LMRC)

220 Longwood Avenue - Ground Level

(b)(6), (b)(7)c

(3) **Building:**

Floor/Room:

Contact Person:

Phone Number:

ARCM/Massahusetts College of Pharmacy (MCP)

One Palace Road - Lower Level

(b)(6), (b)(7)c

Site No.:

3 Name/Department:

USDA Registration No:

Address: Building:

Floor/Room:

Contact Person:

Phone Number:

Pine Acres Rabbitry/Farm (SATELLITE)

14-B-0052

299 East Main Street, Norton MA 02766

Main Building

First Floor

(b)(6), (b)(7)c

FACILITY SITES LISTING

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

7

14-R-092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

4 Name/Department:

HMS/ARCM - Seeley G. Mudd (SATELLITE)

USDA Registration No.:

14-R-019

Address: **Building:**

250 Longwood Avenue, Boston MA 02115

Seeley G. Mudd Building

Floor/Room: Contact Person:

Basement Level

Phone Number:

(b)(6), (b)(7)c

Site No.:

Name/Department:

HMS/ARCM - Central (SATELLITE)

USDA Registration No.:

14-R-019

Address: **Building:** Floor/Room:

665 Huntington Avenue, Boston MA 02115 Harvard School of Public Health - Bldg. II

Contact Person:

Ground and Basement Levels

Phone Number:

(b)(6), (b)(7)c

Site No.:

8 Name/Department:

HMS/ARCM - HIM (SATELLITE)

USDA Registration No.:

14-R-019

Address:

77 Avenue Louis Pasteur, Boston MA 02115

Building: Floor/Room:

Harvard Institutes of Medicine Ground and Basement Levels

Contact Person:

Phone Number:

(b)(6), (b)(7)c

See atta-

orm for mation.

Interagency Report Control Ne

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0056 CUSTOMER NUMBER: 475

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Epix Medical, Inc. 71 Rogers Street Cambridge, MA 02142 NOV 1 8 2003

Telephone: (617) - 250-6000

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

EPIX Medical Inc.

FACILITY LOCATIONS (Sites) - See Atached Listing

Animal Facility & Pharmacology Lab - 65 Rogers Street

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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs	θ	0	0	0	0
5. Cats	Q	0	0	0	0
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	0	9	0	00
8. Rabbits	0	0	46	0	9
9. Non-human Primates	0	0	0	0	<u>46</u> 0
10. Sheep	0	0	0	0	
11. Pigs	0	0	0		0
12. Other Farm Animals	0	0	0	0 0	0
3. 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 researching, 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 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 espects of animal care and use

	security has appropriate authority to ensure the provision or 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)
SIGNATURE OF OF OF OF OF OF	IGNED 3/0:

APHIS FOR....

(Nopiaces vo i Onivi 10-23 (OCT 88), which is obsolete.)

See reverse si additional info. 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)

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

WELLESLEY COLLEGE SCIENCE CENTER 106 CENTRAL STREET WELLESLEY, MA 02481

'n.

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 LOCA	TIONS(sites)
WELLESLEY COLLEGE	
WELLESLEY, MA 02481	

^.	B. Number of animals being	C. Number of animals upon	D. Number of animals upon which experiments,	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.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relleving 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)	TOTAL NO. OF ANIMAL: (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					
Carol Mannels					
ASSURANCE STATEMENTS	<u> </u>	<u>-</u>			

- 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 C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/04/2003

See attar

form for mation.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0096

CUSTOMER NUMBER: 146

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Mc Lean Hospital Corporation 115 Mill Street Belmont, MA 02478

Telephone: (617) -855-2000

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)

McLean Hospital Core Animal

FACILITY LOCATIONS (Sites) - See Atached Listing

Facility (MRC Ground, Oaks II, Oaks IV)

REPORT OF ANIMALS	S USED BY OR UNDER	CONTROL OF RESEA	RCH FACILITY (Attach addition	nal sheets if necessary 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 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates			134		17/1
10. Sheep			15 (134
11. Pigs					
12. Other Farm Animals					
13. Other Animals	Rats and m	ice are not	covered by these	reporting requirements	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animats, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual researching, 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 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)				
SI -	IAL		DATE SIGNED	
AP:	(1. opioces vo. 1. onin 10-23 (OCT 88), which is	Obsolete)	10.9-03	

Customer ID and Site Address:

ID: 146

115 Mill Street Belmont, MA 02178 County: Middlesex Telephone (617)855-2922

See attache additional:

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0112

CUSTOMER NUMBER: 152

rm for

ation.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Whitehead Institute for Biomedical Research

Nine Cambridge Center Cambridge, MA 02142

NOV 0 6 2003

Telephone: (617) 258-5104

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)

			CH FACILITY Aπach addition	al sheets if necessarv 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 ye 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 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 whithe use of appropriate anesthetic, analgesic, or tranquilized rugs 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 at the reasons such drugs were not used must be attached this report).	
4. Dogs					
5. Cats					0
6. Guinea Pigs					
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					

- 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.
- 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 a

	to displace teamonty to disease the provision or 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)	
SIGNATURE OF C.E.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/29/03

ANNUAL REPO EPORTING FACILITY (List of heets if necessary) Attached Listing LARR AB TARRON BOOK	(TYPE OR PRIN	F RESEARCH FACILITY C. Number of supon which teaching.	LITY include zip	ATTERS RESEARCH FACILITY (Name and Addres Code) MOUNT HOLYOKE COLLEGE BIOLOGY DEPARTMENT 50 COLLEGE STREET SOUTH HADLEY, MA 01075 (413) 538-2149 g, or experimentation, or held for these purposes.	JAN 9 7 3
EPORTING FACILITY (List on leets if necessary) Attached Listing LAPP LAB Animals Covered By The Animal Welfare Regulations logs atts sulnes Pigs	(TYPE OR PRIN Locations where enimals RECONT OR UNDER CONTROL O B. Number of animals being bred, conditioned, or held for use in tee for use in tee for use in supertments, research, or surgery but not	F RESEARCH FACILITY C. Number of supon which teaching.	actual research, testing, teachin FACILITY LOCATIONS(sees) Y (Attach additional sheets if nect	MOUNT HOLYOKE COLLEGE 8IOLOGY DEPARTMENT 50 COLLEGE STREET SOUTH HADLEY, MA 01075 (413) 538-2149 g, or experimentation, or held for these purposes.	JAN 9 7 3
Attached Listing LAPP LAB ART OF ANIMALS USED BY	PCCINI PR UNDER CONTROL O B. Numers being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	F RESEARCH FACILITY C. Number of snimels upon which teaching.	FACILITY LOCATIONS(stes) Y (Attach additional sheets # nece		Attach additional
ARR ABOUT OF ANIMALS USED BY OF Animals Covered By The Animal Welfare Regulations Pags	B. Number CONTROL Of animels being bred, conditioned, or held for use in teaching, tealing, experiments, research, or surgery but not	F RESEARCH FACILITY C. Number of snimels upon which (seching.	Y (Atach additional shoots if nec		
PP 1 POC. Animals Covered By The Animal Welfare Regulations Pgs atts	B. Number CONTROL Of animels being bred, conditioned, or held for use in teaching, tealing, experiments, research, or surgery but not	F RESEARCH FACILITY C. Number of milmels upon which teaching.			
AT OF ANIMALS USED BY O Animals Covered By The Animal Welfare Regulations Ogs ets utnes Pigs	OR UNDER CONTROL Of animels being bred, conditioned, or held for use in teaching, tealing, experiments, research, or surgery but not	C. Number of enimels upon which teaching.			
Animals Covered By The Animal Welfare Regulations logs	B. Number of enimels being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	C. Number of enimels upon which teaching.			
Animais Covered By The Animal Welfare Regulations Dogs Lats Sulnes Pigs	animels being bred, conditioned, or held for use in teaching, tealing, experiments, research, or surgery but not	enimals upon which teaching.	D. reumber of animals upon		
Sats Sulnea Pigs	purposes.	research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving dhage.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the enimels and for which appropriate anesthetic, analgesic, or tranquillzing drugs were used.	E. Number of animets upon which leaching, experiments, research, surgery or tests we conducted involving accompanying pain or to the animets and for which the use of apparentshittic, analyses ic, or tranquilizing drugs have adversely affected the procedures, reinterpretation of the teaching, research, experiments, surgery, or leats. (An explain the procedures producing pain or distress is animals and the reasons such drugs were must be attached to this report).	r distress propriate s would switts. or alion or in these
iulnes Pigs					
emsters				USED	
			115	U. S	
labbits			MAP		
Ion-Human Primates		م لا	D ANIMALS		
heep		ADVER			
gs	No				
ther Farm Animals					
ther Animals					
RANCE STATEMENTS					
Professionally acceptable stand	dards governing the care	s, treatment, and use of a	animals, including appropriate us	e of enesthetic, enalgesic, and tranquitizing drugs	, prior to, during
Each pholopel investigator has This fecility is adhering to the s principal investigator and appro- addition to Identifying the IACU. The attending veterinarian for ti	s considered alternatives standards and regulations oved by the institutional / IC-approved exceptions, this research facility has a	y, or experimentation we to peinful procedures. a under the Act, and It he Animal Care and Use Co this summary includes a	re required that exceptions to the ministree (IACUC). A summery or a brief explanation of the exception	ity. standards and regulations be specified and explain a standards and explains the standard to this annual rins, as well as the species and number of enimals veterinary care and to oversee the adequacy of o	ined by the aport. In affected.
aspects of animal care and use	CERTIFIC	ATION BY HEAD	QUARTERS RESEARCE	FACILITY OFFICIAL	
	! certif	fy that the above is tru	or Legally Responsible us. correct and complete (7)	J.S.C. Section 2143)	
	OFFICIA	AL NAME	A TITLE OF C.E.O. OR INS	TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

this report is required by law (7 USC 2143). Failure to report according to the regulations can the regulations can be subject to penalties. Provided for in Section 21!	See attache im for additional ation.	Interagency Report Control No.: んか
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	CERTIFICATE NUMBER: 14-R-0119 CUSTOMER NUMBER: 143	FORM APPROVED OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	Marine Biological Laboratory 7 Mbl Street Woods Hole, MA 02543 Telephone: (508) -289-7480	

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	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of	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		Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz 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 a the reasons such drugs were not used must be attached	F. TOTAL NUMBE OF ANIMALS (COLUMN
	ourposes.		pain-relieving drugs.		tranquilizing drugs were used.		this report).	
4. Dogs						1		
5. Cats						 		
8. Guinea Pigs	-7.1							
7. Hamsters						<u> </u>		
8. Rabbits	4				4			
9. Non-human Primates								
0. Sheep								
1. Pigs					100	-		
2. Other Farm Animals								
3. Other Animals								
Gerbil	22				22			
Birds	34				34	-		

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 reseted 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 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)				
SIGNATI DE OF CEO OD INSTITUTION	oreign.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
AF, no rotton rozo (neplaces voire	ORM 18-23 (OCT 88) which is obsolete.)			

* 4 Swamp Sparrows

30 Zebrafinches

See attach additional m for ation.

154

Interagency Report Control No.

IJNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0123

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Genzyme Corporation One Kendall Square **Building 1400** Cambridge, MA 02139

CUSTOMER NUMBER:

Telephone: (617) -252-7500

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)

A.			T_	TOT OF REGEAR			al sheets if necessarv or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	В.	Number of animals 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	OF ANIMALS
4. Dogs								
5. Cats								
6. Guinea Pigs				4		239		2 (*
7. Hamsters	_					ex ~ /		.2.43
8. Rabbits						.261		2 /
9. Non-human Primates					<u>-</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.241
10. Sheep	•							
11. Pigs						84		
12. Other Farm Animals						<i>J</i>		<u>87</u>
13. Other Animals								

- 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 HEADQUARTEF (Chief Executive Officer or Legally F	RS RESEARCH FACILITY OFFICIAL Responsible Institutional Official)	
SIGNATURE OF	NAME & TI	ITLE OF CEO. OR INSTITUTIONAL OFFICE.	DATE SIGNED
APHIS FORM 702	CT 88), which is obsolete.)	,	11/0 1/13

This report is required by law (7 USC 2143). Failure to report ac result in an order to cease and desist and to be subject to penalti.

ng to the regulations can 0 V 2 6 2003 a provided for in Section 2150.

See reverse inde for additional nation.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0128 CUSTOMER NUMBER: 156

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY
Harvard University
Faculty of Arts & Sciences
24 University Hall
Cambridge, MA 02138
Telephone: 617-496-3992

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. Numbers 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	0	0	7	0	7
9. Non-human Primates	0	30	0	0	30
10. Sheep	0	0	3	0	3
1. Pigs	0	0	18	0	18
2. Other Farm Animals		•			
Goats	0	0	18	0	18
13. Other Animals					
Alligators	1	0	3	0	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.

Each principal investigator has considered alternatives to painful procedures.

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 2 TITLE OF CEO. OR INSTITUTIONAL OFFICIAL	DATE SIGNED 11/25/03			

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.

UNITED STATES DEPARTMENT OF AGRIC. RE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 1. CERTIFICATE NUMBER: 14-R-0/ CUSTOMER NUMBER: 156 FORM APPROVED OMB NO. 0579-0036

HEADQUARTERS RESEARCH FACILITY
Harvard University
Faculty of Arts & Sciences
24 University Hall
Cambridge, MA 02138

Telephone: 617-496-3992

NOV 2 6 2003

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 12. &/OR 13. Other (List by Species)	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. Numbers 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)
13. Other continued					
Birds (wild caught)	2	0	26	0	26
Chinchillas	1	0	0	0	0
Ducks (mallards)	0	0	12	0	12
Emus	11	0	18	0	18
Ferret, European	1	0	0	0	0
Geese	0	0	4	0	4
Guinea fowl	0	0	16	0	16
Hedgehog, African	1	0	0	0	0
Opossum	1	0	0	0	0
Owl, screech	1	0	0	0	0
Tinamous	0	0	3	0	3
Wallabies	0	0	3	0	3
	-			And the second s	

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.
- 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
- 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) 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. F.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED		
		11/25/03		

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard University

Faculty of Arts & Sciences

License/Registration Number:

1

14-R-128

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Office of Animal Resources (OAR)

Address:

Harvard University Cambridge, MA 02138

(1) **Building:**

The Biological Laboratories - 16 Divinity Avenue

Floor/Room:

Fifth Floor

Contact Person:

Phone Number:

(b)(6), (b)(7)c

(2)**Building:**

Museum of Comparative Zoology - 26 Oxford Street

Floor/Room:

Contact Person:

Phone Number:

(b)(6), (b)(7)c

First and Second Floors

(3)

Building:

William James Hall - 33 Kirkland Street

Floor/Room:

Contact Person:

10th Floor (b)(6), (b)(7)c

Phone Number:

Site No.:

2

Name/Department:

Concord Field Station (CFS)

Address:

Old Causeway Road, Bedford MA 01730

Building:

Main and fields

Floor/Room:

First Floor and Grounds

Contact Person:

(b)(6), (b)(7)c

Phone Number:

See attache ' ' m for additional i :tion.

Eisai Research Institute Of Boston, Inc.

Interagency Report Control No.: $\mu \mathcal{M}^{\mathcal{N}}$

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0134

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

4 Corporate Drive

Andover, MA 01810

CUSTOMER NUMBER:

DEL 0 4 2003

Telephone: (508) -794-1117

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

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv 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 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, 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 whithe use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, results, or interpretation of the teaching, rescarch, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals at the reasons such drugs were not used must be attached this report.).	F. 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	O	0
7. Hamsters	0	0	107	O	107
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	Ò	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	C	0
13. Other Animals					

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.

	FION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official)	
CIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/19/03

Customer ID and Site Address:

ID:518

100 Research Drive Wilmington, MA 01877 County: Middlesex Telephone

n to the regulations can provided for in Section 21!

NOV 2 6 2003

form for mation.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0135

See attac

addition.

CUSTOMER NUMBER: 159

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Abbott Bioresearch Center 100 Research Drive Ground Floor Worcester, MA 01605

Telephone: (508) -849-2500

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 animals 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, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ü	O	0	0	o
5. Cats	0	0	С	υ	0
6. Guinea Pigs	v	υ	60	C	60
7. Hamsters	v	0	0	0	o
8. Rabbits	o	O	0	0	O
9. Non-human Primates	0	c	c	U	O
10. Sheep	0	O	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	υ	v	0	0	0
13. Other Animals	0	o	0	ð	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 reset 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 included by the principal investigator and applicable.
- 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)	
:	INAME & TITLE OF CE O. OR INSTITUTIONAL OFFICIAL / Type or Dept.)	DATE SIGNED
A	which is obsolete.)	11/60/5