UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036 M 🗘

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

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Collateral Therpeutics 11622 El Camino Real, Suite 300 San Diego, CA 92130-2048

3. REPORTING FACILITY sheets if necessary.)	(List all locations where animals	were housed or t	used in actual resear	ch, lesting	, teaching, or experimental	on, or he	ld for these purposes.	Attach additional
sicers in necessary.	11025 Roselle	Stroot	Suita	100	Can Diama	<i>C</i> 3	02121	

FACILITY LOCATIONS (Sites)

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

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and franquinzing drugs; pr o, buring, 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 explain Thy the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annualizeport. 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.

addition to identifying the IACUC-approved exceptions, this summary includes a prior explanation of the exceptions, as well as inappeals as a summary includes a prior explanation of the exceptions, as well as inappeals as a summary includes a prior explanation of the exceptions, as well as inappeals as a summary includes a prior explanation of the exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exceptions, as well as inappeals as a summary includes a prior exception of the exceptions, as well as inappeals as a summary includes a prior exception of the exceptions as a summary includes a summary includ

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

OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED

HIS FORM 7023 (AUG 91)

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

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 2. HEADQUARTERS RESEARCH FACILITY

FORM APPROVED Laris OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

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

FACILITY LOCATIONS (Siles)

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REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessury 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 feaching, 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	ϕ				
5. Cats	ϕ				
6. Guinea Pigs	Φ,		12		12
7. Hamsters	φ		***************************************		
8. Rabbits	-Q				
9. Non-human Primates	φ				
10. Sheep	<u> </u>				
11. Pigs	φ	_			
12. Other Farm Animals	$\mid \varphi - \mid$				
13. Other Animals	Φ				
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ASSURANCE STATEMENTS			::	1141	

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of animals, including approriate use of animals and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. and thanquiliking drugs, prior to, during,
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standard 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.
- 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)

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

NAME & TITLE OF CEO. OR INSTITUTIONAL OFFICIAL (Type

DATE SIGNED