UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1305

1. REGISTRATION NO. 93-R-0375

FORM APPROVED OMB NO. 0579-0036

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

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

10630 John Jay Hopkins Drive

The Neurosciences Institute 10640 John Jay Hopkins Drive San Diego, CA 92121

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) 10630 John Jay Hopkins Drive, San Diego, CA 92121 (The Neurosciences Institute)

FACILITY LOCATIONS (Siles)

San Diego, CA 92121 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adictional sheets if necessary or use APHIS FORM 7023A.) Number of E. Number of animals upon which teaching, C Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, **Animals Covered** bred. conducted involving accompanying pain or distress which leaching, teaching, research, conditioned, or By The Animal research. to the animals and for which the use of appropriate surgery, or tests were TOTAL NO Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS conducted involving teaching, testing, tests were have adversely affected the procedures, results, or accompanying pain or experiments, conducted interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of distress to the animals research, or involving no (Cols. C + D + E) and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. must be attached to this report). relieving drugs 4. Dogs 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits 9. Non-human Primates 0 3 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 approvate use of anesthetic, analysis, and tranquilizing drugs, prior to during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this animal report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the specific regulation of the exceptions.
- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate vetermary care and to oversee the adequacy of other accepts of animal care and use.

(Chief	Executive Officer of	QUARTES RESEARCH FACILITY OFFICIAL r Legally Responsible Institutional Official) rue, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	(b)(l) (b)(7)(c)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) (M) (G) (D) (T) (C)	10/4/99

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

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 93-R-0317

OMB NO 0579-0036 MA

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

LIGAND Pharmaceuticals and 10255 Science Centre Drive Son Diego, CA 92121

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

FACILITY LOCATIONS (Sites) REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A.) B. Number of Number of Number of animals upon which teaching, Number of animals upon animals being experiments, research, surgery or tests were which experiments, bred, which leaching, Animals Covered conducted involving accompanying pain or distress teaching, research, surgery, or tests were By The Animal conditioned, or to the animals and for which the use of appropriate research. TOTAL NO. Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving OF ANIMALS teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or experiments, interpretation of the teaching, research, conducted distress to the animals research, or experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report). useri Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates Sheep Pigs 11. 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 141 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. 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 approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is affached 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 shief Executive Officer or Legally Responsible Institutional Official) Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

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

SIGNATURE

APHIS FORM

(AUG 91)

SEEICIAL (Type or Print)

DATE SIGNED

10/7/99