

14 R 0036

November 29, 1999

Enclosed please find the completed "Annual Report of Research Facility" (APHIS Forms 7023 and 7023A) for USDA registrant number is 14-R-0036 for the period 10/1/98 to 9/30/99.

Please note the following explanations for the numbers of animals (542 Syrian hamsters and 24 Siberian hamsters) placed in Column E of Form 7023 as required in the Animal Welfare Act, 9 CFR Ch. 1, Part 2, Subpart C, 2.31, d. 1. iv., A. These Syrian and Siberian hamsters are placed in this column because they did not receive post-operative analgesia. These animal models are used in neuroscience studies focusing on brain metabolism. The researchers have stated in their protocols and have found that many analgesic drugs will interfere directly or indirectly with the neurochemical data collected acutely after the surgery or later in the studies. The protocols for these studies have been reviewed and approved by the Institutional Animal Care and Use Committee (IACUC). The data collected during these studies include behavioral manifestations of induced alterations of neurochemical and metabolic pathways, and changes that are also reflected at the tissue, cellular, and/or sub-cellular levels determined after euthanasia. The protocols involve anesthesia, aseptic surgical technique to perform laparotomies (to remove hormone producing tissue), to place cannulae and/or administer known amounts of non-toxic hormones or cellular markers. The researchers maintain nursing records for these animals during and after the studies. The dedicated surgery area used by the researchers and their surgery records are inspected during the semi-annual IACUC inspections and at other times of the year.

An analgesic regimen, that the researchers and the attending veterinarian feel will not interfere with the neurochemistry, has been recently incorporated into protocols for the hamsters, so we expect the numbers in column E to decrease significantly during the next reporting period.

Thank you for your attention to these matters.

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USDA APHIS AC

This report is required by the Animal Welfare Act and is to be subject to penalties as provided for in Section 215B.

additional information

VETERINARY

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

12-R-0005

FORM APPROVED  
OMB NO. 0578-0036

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

Diatide, Inc,  
9 Delta Drive  
Londonderry, NH 03053

# 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 (Site(s))

9 Delta Drive

Londonderry, NH 03053

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, 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 in 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<br>(Col. C + D + E) |
|--|--|--|--|---|--|
| 4. Dogs  | 0  |  |  |   |  |
| 5. Cats  | 0  |  |  |   |  |
| 6. Guinea Pigs                                       | 0  |  | 67   |   | 67   |
| 7. Hamsters  | 0  |  |  |   |  |
| 8. Rabbits   | 0  | 0  | 37   | 211   | 248  |
| 9. Non-human Primates                                | 0  |  |  |   |  |
| 10. Sheep  | 0  |  |  |   |  |
| 11. Pigs   | 0  |  |  |   |  |
| 12. Other Farm Animals                               | 0  |  |  |   |  |
| 13. Other Animals                                    |  |  |  |   |  |
| Rats   | 0  | 317  |  |   | 317  |
| Mice   | 48   | 370  |  |   | 370  |

## ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has assumed 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.
- 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 USC Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED