See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION 19085 14 R 0085 FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) include Zip Equal Biomedical, Inc.
Swine Unit #2

Status: Active

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Gedel . Biomedical . Inc.

200 Westborough Road North Grafton, MA 01536

NOV 1 8 1999

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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)
See, Attached

Swine Unit II, 200 Westboro Road

North Grafton, MA 01536

REPORT OF ANIMALS USED BY	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary 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 lests 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 allected the procedures, results, or interpretation of the teaching, research, approximate surgery or tests. (An axinganion of	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					<u> </u>
6. Guinea Pigs					·
7. Hamsters			,		
8. Rabbits					
9. Non-human Primates					
10. Sheep	1		94		94
11. Pigs	10		94		· · · · · · · · · · · · · · · · · · ·
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

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

t 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

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

DATE SIGNED

APHIS 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

CONTINUATION SHEET FOR ANNUAL REPORT

OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14-R-0085 FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Namu and Address as registered with USDA include Zip Codel

Circe Biomedical, Inc.

Swine Unit II

Swine unit II 200 Westborough Road NOV 1 8 1999 Status: North Grafton, MA 01536

TOF ANIMALS USED BY O	B Number of	C Number of	(Attach adkidional sheets if nec	and well authory of lesis were	F
Animals Covered By The Animal Wellare Regulations	animals being bred, conditioned, or held for use in teaching, Testing, experiments, research, or surgery but not	animals upon which teaching research experiments, or lests were conducted involving no pain, distress, or	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysisc, or	conducted involving accompanying pain of distributions and for which the use of appropriate anesthetic, analysisic, 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.	(Cols. C
12 &/OR 13 Other (List by species)	yet used for such purposes	relieving drugs	tranquilizing drugs were used	must be attached to this report)	
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ASSURANCE STATEMENTS

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SIGNATURE OF CE O OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED