This report is required by law result in an order to cease and		arse side for malinformation	Interagency Re 0180-DOA-AN	Interagency Report Control No 0180-DOA-AN					
UNIFED STA ANIMAL AND		-0164	721373		0579-0036	R			
ANNUAL REPOI	2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) Novartis Institutes for Bio Medical Resear 200 Technology Square 961A Cambridge, NA 02139								
3. REPORTING FACILITY (List a sheets if necessary.)	il locations where anima	is were housed or use	ed in actual re	esearch, testing, te	eaching, or experin	nentation, or held for 1	hase purposes. At	tach addition	nal
		FA	CILITYLOCA	TIONS (Sites)					
o)(2)High, (b)(7)f									
					1				_
REPORT OF ANIMALS USED BY O			Y (Attach add	ditional sheets if ne					
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 teats were conducted involving no pain, distress. or use of pain- relieving drugs.	which ex- teaching surgery, conducte accompa distress and for anesthet	of animals upon xperiments, , research, or tests were ed involving anying pail or to the animals which appropriate tic, analgesic, or zing drugs were	experiments, conducted in to the animal anesthetic, ar have adverse interpretation experiments, the procedure animals and t	nimals upon which tea research, surgery, or te volving accompanying s and for which the us- nalgesic, or tranquilizin ly affected the procedu of the teaching, resea surgery, or tests. (An es producing pain or d the reasons such drug- thed to this report)	ests were g pain or distress le of appropriate ng drugs would ures, results, or urch, explanation of distress in those	F. TOTAL OF ANI (Cols. D +	MALS
4. Dogs								 	
5. Cats			 					↓	
6. Guinea Pigs									
7. Hamsters		27	37	75				40	2
8. Rabbits		7	2:	77				28	4
9. Non-human Primates								<u> </u>	
10. Sheep									
11., Pigs									
12. Other Farm Animals									
13 Other Animals									
Cotton Rats		30	59	8				628	3
ASSUBANCE STATEMENTS									

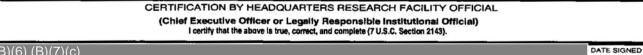
Attachment 1

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 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 animal care and use.



(B)(6) (B)(7)(c)

11/26/08