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		Interagency Report Control No. 0180-DOA-AN
		Fiscal year: 2019-2020
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)		
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.		
1. REGISTRATION NUMBER 14-R-0082	2. Research Facility Headquarters address Tufts University/Tufts Medical Center 136 Harrison Ave. Boston MA 02111	
3. Number of animals used in the study. 38	4. Species (common name) of animals used in the study. Rabbit	
5. Explain the procedure producing pain and distress. Infant rabbits were orally inoculated with <i>Vibrio cholera</i> , the bacterial cause of cholera. They develop secretory diarrhea, dehydration, and electrolyte loss between 12-18 hours post-inoculation. All infant rabbits were euthanized by 21 hours post-infection.		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Use of antibiotics to cure the infection would confound the experiment, which seeks to measure the virulence of the <i>V. cholerae</i> strains being tested. In addition, the administration of re-hydration fluids might adversely affect the host-pathogen interactions taking place within the intestinal tract as the effect of the re-hydration fluid on the physiology and gene expression of <i>V. cholerae</i> in the small intestine is unknown.		
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):		
Agency		CFR

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