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		Interagency Report Control No. 0180-DOA-AN
		Fiscal year: 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 93-R-0435	2. Research Facility Headquarters address University of California, Los Angeles Division of Laboratory Animal Medicine 10833 Le Conte Ave Suite 16-222 CHS Los Angeles, CA 90095	
3. Number of animals used in the study. 33	4. Species (common name) of animals used in the study. Hamsters	
5. Explain the procedure producing pain and distress. The procedure with potential for producing distress is the induction of chronic and acute colitis. This is done with the addition of DSS (Dextran Sodium Sulfate) into the drinking water that induces an inflammatory response in the small intestine and colon. The animals will likely experience some degree of discomfort.		
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. Animals cannot be given any kind of pain reliever because the responses we measure in these experiments include the release of pro-inflammatory cytokines and chemokines from the ulceration. Pain relief will affect the response we will measure. Administration of drugs that would blunt the expected inflammatory response would invalidate the measurement of our experimental endpoints. In addition, anti-inflammatory analgesics (such as NSAIDs) may worsen the colitis by contributing to colonic ulceration. Animals are monitored at least daily for any sign of abdominal pain by physical examination.		
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): None		
Agency		CFR