OMB APPROVED
0579-0036

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	2. Research Facility Headquarters address
35-R-0029	Medical College of Wisconsin 8701 W. Watertown Plank Rd P.O. Box 26509 Milwaukee, WI 53226
3. Number of animals used in the study. 22	4. Species (common name) of animals used in the study. Chinchilla

5. Explain the procedure producing pain and distress.

NTHI bacteria are directly inoculated into the middle ears under general anesthesia to determine the role of bacterial regulation in disease progression and severity. The inoculations are performed only once at the beginning of the study.

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.

This study specifically seeks to determine the immune response, both local and systemic, to bacterial infection within the middle ear. The inclusion of an additional variable known to affect immune responses, would require all of the previous animal studies to be repeated and re-validated, and would also, from a scientific standpoint, make this model and the ultimate use of additional animals lives, less relevant to the natural disease course that this experimental model has been successfully developed to most closely represent. For these reasons, the addition of prophylactic analgesics is not feasible in this experimental model.

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