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0579-0036

Interagency Report Control No. 0180-DOA-AN

Fiscal year: 2022

**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-0022

2. Research Facility Headquarters address

243 Charles Street
Boston, MA 02114

3. Number of animals used in the study.

5

4. Species (common name) of animals used in the study.

Rabbits

5. Explain the procedure producing pain and distress.

This protocol is approved to perform neural recording sessions in unanesthetized rabbits.
The concern is for distress associated with head restraint during the recording.

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.

The primary interest of the laboratory is to understand the neural basis of auditory behavior in normal hearing. Neural recordings from unanesthetized animals are important for this purpose because anesthesia has been shown to alter response properties of neurons in the central auditory pathway, thereby making these responses different from those that would be obtained during normal auditory behavior.

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):

Not applicable

Agency

CFR