

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED
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

93-R-0016

Protocol # 22728

2. Research Facility Headquarters address

Lundquist Institute for Biomedical Innovation
1124 W. Carson Street, Torrance, CA 90502

3. Number of animals used in the study.

121

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

Rabbits

5. Explain the procedure producing pain and distress.

The model requires the induction of pneumonia by administering bacteria directly to the lungs (under general anesthesia and endotracheal intubation). After the infection takes place it is expected the animals will experience some pain and distress related to the infection, not the procedure to induce the 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.

The use of standard NSADs will interfere with the establishment of the infection in the lungs. Moreover, respiratory depression may occur with the use of opioid analgesics in animals, which could adversely affect induction of or survival from experimental pneumonia.

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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1. REGISTRATION NUMBER

93-R-0016

Protocol # 22671

2. Research Facility Headquarters address

Lundquist Institute for Biomedical Innovation
1124 W. Carson Street, Torrance, CA 90502

3. Number of animals used in the study.

26

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

Rabbits

5. Explain the procedure producing pain and distress.

The model requires the induction of pneumonia by administering bacteria directly to the lungs (under general anesthesia and endotracheal intubation). After the infection takes place it is expected the animals will experience some pain and distress related to the infection, not the procedure to induce the 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.

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Agency

CFR