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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

52-R-0124

2. Research Facility Headquarters address

Virginia Commonwealth University (Box 980568)
800 East Leigh Street Biotech One Suite 3000
Richmond, VA 23298

3. Number of animals used in the study.

5

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

Rhesus macaques

5. Explain the procedure producing pain and distress.

Dependence is produced by chronically treating animals with an opioid or allowing animals to self-administer opioids and withdrawal is produced by briefly terminating opioid treatment or self-administration access conditions.

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 distress produced by this procedure is the scientific end-point being measured. The use of anesthetics, sedatives, and analgesics would interfere with scientific dependent measure, as these compound classes would obscure our evaluation of the opioid withdrawal signs. In fact, one goal of our studies is to test compounds for their ability to reduce overt withdrawal signs and withdrawal-associated changes in 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**