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OMB APPROVED
0579-0036

Interagency Report Control No. 0180-DOA-AN

Fiscal year:

**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

33-R-0158

2. Research Facility Headquarters address

Turner Scientific LLC
1351 Lincoln Ave, Jacksonville, IL 62650

3. Number of animals used in the study.

6

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

guinea pig

5. Explain the procedure producing pain and distress.

Cisplatin (chemotherapy) is known to be toxic to all cells. The current study is trialling a compound that may greatly decrease the toxic affect to hearing cells. Animals receive cisplatin at dosing levels similar to human dosing. While none of the animals have cancer, they will have a decreased appetite from cisplatin administration, which causes weight loss and dehydration, lethargy, and reluctance to move. Although the animals can receive extra fluids, food supplements, or warmed subcutaneous fluids to support their decreased appetite, they still have some weight loss and unrelieved discomfort from the toxic affects of chemotherapy.

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.

Although a plan was created to help support the animal's health and well-being, it is well known that animals and humans receiving chemotherapy treatments suffer pain and distress as a result of these treatments. Due to assessing the compound effectiveness, pain medications were not allowed for this study. Other supportive measures, such as, social housing, extra food and fluid support, and additional heat will be employed

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