According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a	person is not required to respond to			
collection of information unless it displays a valid OMB control number. The valid OMB control num 0579-0036. The time required to complete this information collection is estimated to average .5 hot	ber for this information collection is	0579-0036		
reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.				
		Fiscal year:		
UNITED STATES DEPAR ANIMAL AND PLANT HEA Annual Report o Column F	ALTH INSPECTIC	ON SERVICE		
(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		cility Headquarters address		
52-R-0011	University of V P.0. Box 40030 Charlottesville,			
2 Number of enimels used in the study	4. Species (20)			
3. Number of animals used in the study.	the study	nmon name) of animals used in		
181		Rabbit (infant bunny)		
the ensuing dysentery.				
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. Opiates are due to the changes they cause in gastrointestinal motility. Nonsteroidal anti-inflammatory drugs are not administered because of their influence on inflammation, which is quantified as part of the experiment.				
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): None				
Agency		CFR		

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor collection of information unless it displays a valid OMB control number. The valid OMB con-	troi number for this information collection is	OMB APPROVED
0579-0036. The time required to complete this information collection is estimated to average. S 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.		52-R-0011_FY22_E.pdf Interagency Report Control No. D180-DOA-AN
		Fiscal year:
ANIMAL AND PLANT Annual Repo	PARTMENT OF AGRIC HEALTH INSPECTION rt of Research Faci n E Explanation	SERVICE
This information is required by law (7 U.S.C. 2143 and 9 C.F.R.	· · · · · · · · · · · · · · · · · · ·	ng to the regulations can result in an order t
1. REGISTRATION NUMBER		lity Headquarters address
52-R-0011		nia, Office of VP for Research
3. Number of animals used in the study.	4. Species (com	non name) of animals used in
84	the study. Ham	sters
5. Explain the procedure producing pain a There are three studies of infectious diseases that use h enterotoxogenicClostr!dium difficile examining the ro clinical symptoms of diarrhea and dehydration. The ha during the course of infection. The second two studies use a hamster mode! of SARS- either an intra-nasal or intra-tracheal route to test of the during the ensuing infection. The hamsters are euthant	amsters as a model for huma le of eosinophils and some cyl msters are euthanized if they CoV-2 (Covid-19). Hamsters e efficacy of candidate vaccine	tokines that ameliorate the lose 20% or more of their body weight are given SARS CoV-2 by es or therapeutic treatments
There are three studies of infectious diseases that use h enterotoxogenicClostr!dium difficile examining the ro- clinical symptoms of diarrhea and dehydration. The ha during the course of infection. The second two studies use a hamster mode! of SARS- either an intra-nasal or intra-tracheal route to test of the during the ensuing infection. The hamsters are euthan signs of respiratory distress.	amsters as a model for huma le ofeosinophils and some cyl amsters are euthanized if they CoV-2 (Covid-19). Hamsters eefficacy of candidate vaccine ized if they lose 20% of their be	tokines that ameliorate the lose 20% or more of their body weight are given SARS CoV-2 by es or therapeutic treatments ody weight or show severe
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There are three studies of infectious diseases that use hererotoxogenicClostr!dium difficile examining the roc clinical symptoms of diarrhea and dehydration. The had during the course of infection. The second two studies use a hamster mode! of SARS-either an intra-nasal or intra-tracheal route to test of the during the ensuing infection. The hamsters are euthant signs of respiratory distress. 6. Provide the scientific justification for no or tranquilizing drugs during procedures v distress greater than momentary or slight. In the <i>Clostridium difficile</i> experiments no non-steroidal quantifies inflammation, and administering opioid. In the SARS CoV-2 experiments no non-steroidal anti-it that quantifies pulmonary inflammation, and whole	amsters as a model for human le ofeosinophils and some cyloresters are euthanized if they CoV-2 (Covid-19). Hamsters efficacy of candidate vaccine ized if they lose 20% of their bo t providing the appropression where the animal exper- lanti-inflammatory analgesia is would change gastrointes inflammatory analgesia is pro- le body plethysmography is ing opioids would depress	tokines that ameliorate the lose 20% or more of their body weight are given SARS CoV-2 by es or therapeutic treatments ody weight or show severe oriate anesthetics, analgesics ienced accompanying pain o a is provided as this is a study that tinal motility. ovided during that time as this is a study sperformed to respiration.

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		Interagency Report Control No. 0180-DOA-AN
		Fiscal year:
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	PE OR PRINT)	
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2. ceas	36). Failure to report accordin e and desist.	g to the regulations can result in an order to
1. REGISTRATION NUMBER	2. Research Facility Headquarters address University of Virginia, Office of VP for Research P.0. Box 400301 Charlottesville, VA 22904	
52-R-0011		
3. Number of animals used in the study.	the study	non name) of animals used in
1	Pig	5
5. Explain the procedure producing pain and This study is mapping the pain pathway of swine from th and midbrain. Once specific pain pathways are identifie non-invasive manner to do some brain procedures. This perception.	he periphery to the reticula ed, they are lesioned using	focused ultrasound, which is a
This study is mapping the pain pathway of swine from th and midbrain. Once specific pain pathways are identifie non-invasive manner to do some brain procedures. This perception. 6. Provide the scientific justification for not p or tranquilizing drugs during procedures who	e periphery to the reticula ed, they are lesioned using is being tested as a metho broviding the approp	focused ultrasound, which is a od to interfere with chronic pain riate anesthetics, analgesics,
This study is mapping the pain pathway of swine from th and midbrain. Once specific pain pathways are identifie non-invasive manner to do some brain procedures. This perception. 6. Provide the scientific justification for not p	e periphery to the reticula ed, they are lesioned using s is being tested as a metho providing the approp ere the animal exper	focused ultrasound, which is a od to interfere with chronic pain riate anesthetics, analgesics, ienced accompanying pain or
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This study is mapping the pain pathway of swine from the and midbrain. Once specific pain pathways are identified non-invasive manner to do some brain procedures. This perception. 6. Provide the scientific justification for not p or tranquilizing drugs during procedures whe distress greater than momentary or slight. Since the intent of the study is to map pain pathways in sw directly interfere with the mapping procedure. 7. What, if any, Federal regulations require th Federal Regulations (CFR) title number, and the 113, 102):	e periphery to the reticula ed, they are lesioned using s is being tested as a metho providing the approp ere the animal exper wine, analgesics and non-s	focused ultrasound, which is a od to interfere with chronic pain riate anesthetics, analgesics, ienced accompanying pain or steroidal anti-inflammatory drugs