1. Registration Number:	'-R-0005			
2. Number		of animal	s used in this study.	
3. Species (common name)	Cat	of anima	als used in the study.	
4. Explain the procedures p	roducing pain and/or d	distress.		
Administration (intranasal) of were selected for this work viruses circulating worldwid	due to a growing body	cats will produce cl of evidence that fe	inical signs consistent of the sare susceptible to	with influenza infection. Cat many of the novel influenza
5. Provide scientific justifica determine that pain and/or of (For Federally mandated tes	distress relief would int	terfere with test res		ods or means used to
The goal of this study is to i subset of influenza viruses pathogenicity in feline speci blocking our ability to acquir	has been characterize ies. Administration of	ed as having increase antivirals and analg	sed potential for infection	purpose of the study by
	•		,	
6. What, if any, federal regunumber and the specific sec	lations require this pro ction number (e.g., AP	ocedure? Cite the a HIS, 9CFR 113.10	gency, the code of Fed 2):	leral Regulations (CFR) title
Agency		CFR		

1. Registration Number:	-R-0005			
2. Number	www.u.s.	of animals	used in this study.	
3. Species (common name)	Deer	of animal	s used in the study.	
4. Explain the procedures pro	oducing pain and/or dis	stress.		e e
Administration, via an insect clinical signs consistent with novel EHD virus strain.				
5. Provide scientific justification determine that pain and/or discontinuous for Federally mandated test	stress relief would intor			ods or means used to
The goals of this study included study involved administration behavior of the viruses in the of analgesics to ameliorate the necessary data on EHD virus	of the EHD virus to de most appropriate animal ne clinical signs would on	eer and cattle via a nal model. Adminis defeat the purpose	n insect vector to cha stration of antivirals w of the study by block	racterize the biological rould be futile; administration
			S.E.	
 What, if any, federal regular number and the specific section 	tions require this proce on number (e.g., APHI	edure? Cite the age S, 9CFR 113.102)	ency, the code of Fed	leral Regulations (CFR) title
Agency	CF	R		

UGA OVPR Compliance

		100		
1. Registration Number:	-R-0005			
134 2. Number		of animal	s used in this study.	
3. Species (common name)	Ferret	of anima	Is used in the study.	
4. Explain the procedures pr	oducing pain and/or dist	tress.		
Influenza inoculations will be be individually removed from into the nares using IV cathe Procedures include use of in blood collection, swabs (rect disease (symptoms, weight	n microisolator caging a eter tubing on a syringe afectious agents (influen tal, oral, nasal, conjunct	nd anesthetized, a (0.1 mL per nostr za virus); Specim ival, etc); plethysr	and 0.2 mL of influenz il) with the ferret in an en collection (bronchion nography, euthanasia	a inoculum will be dripped upright position. palveolar lavage, nasal wash , monitoring for clinical
5. Provide scientific justificati determine that pain and/or di (For Federally mandated test	stress relief would interf	ress could not be ere with test resu	relieved. State metholits.	ods or means used to
As a part of monitoring disea with analgesics can alter the activity of analgesics would i may cause respiratory depreinfection.	se endpoints, which are nterfere with pathology :	aspects of criteri studies, a key end	a for euthanasia. More	eover, the anti-inflammatory
injection.				
3. What, if any, federal regula	ntions require this proced on number (e.g., APHIS	dure? Cite the age 5, 9CFR 113.102)	ency, the code of Fede	eral Regulations (CFR) title
Agency	CFF	₹		

1. Registration Number:	R-0005			
16 2. Number		of animals	s used in this study.	
3. Species (common name)	Guinea Pig	of anima	Is used in the study.	
4. Explain the procedures pro	oducing pain and/or di	stress.		
Infection of Guinea pigs with These animals will be expose dose (30-100 CFU) we will n bacilli in the nebulizer.	ed to Mtb aersosols go	enerated by the Ma Il runs of the machi	dison Aerosol Chamb ne, varying length of e	er. To optimize delivered exposure and concentration of
5. Provide scientific justification determine that pain and/or discourse for Federally mandated test	stress relief would inte	erfere with test resu	relieved. State metholits.	ods or means used to
Animals must be infected and the organism or if vaccination during the course of the expeeuthanized if the sum of the anesthesia where indicated.	d in some cases demonstrated in some cases demonstrated in its effective. Thus it repriment. As the human	onstrate clinical sign may be necessary ne endpoints scores	to maintain minimally sheet documents in Se	Ill animals at some point action 10.2, animals will be
6. What, if any, federal regula number and the specific secti				eral Regulations (CFR) title
Agency	C	FR		

1. Registration Number:	-R-0005			
2. Number		of animal	s used in this study.	
3. Species (common name)	Horse	of anima	Is used in the study.	
4. Explain the procedures pr	oducing pain and/or dis	stress.		
Experimental infections with various transmission routes mucocutaneous areas. Hors federally reportable disease transient moderate clinical s	and VSNJV strains. Ar ses, cattle, and swine a which produces clinica	nimals are infected are among the most all signs similar to F	d via an insect vector in st common hosts for th oot-and-Mouth Diseas	n contact with the skin and is disease. VSV is a e (FMD). Animals develop
5. Provide scientific justificat determine that pain and/or d (For Federally mandated tes	istress relief would inte	rfere with test resu	relieved. State methoults.	ds or means used to
In order meet our scientific of specifically we monitored du unwillingness to stand, walk or analgesics) would have b	ration and extent of vir , or feed. Therefore an	us shedding and v	vell as level of discomfo	ort such as lameness or
	8			
6. What, if any, federal regul number and the specific sec				eral Regulations (CFR) title
Agency	CI	FR	22	