

The State University of New York

TO: Vice President for Research, Institutional Official for Animal Welfare

FROM: Institutional Animal Care and Use Committee

SUBJECT: Semi-annual report

DATE: January 20, 2020

The USDA, OLAW and AAALAC oversight agencies require that the University's Institutional Animal Care and Use Committee (IACUC) conduct semi-annual inspections of all the animal facilities, including the Division of Laboratory Animal Resources (DLAR) and laboratories using animals. In addition, these agencies charge the IACUC to complete a periodic evaluation of the University's overall animal use program. The following memo reports the findings of the semi-annual site inspections conducted in January 2020. Approved IACUC meeting minutes, available from the Office of Research Compliance, are attached to this letter and in addition, will be forwarded by email.

Program and Policy Updates:

- The committee continued with the previously implemented policy whereby in each monthly IACUC meeting one or two protocols for Standard Operating Procedures are reviewed and updated. Similarly, sections of the Program are reviewed in each meeting by all members of the IACUC present. The Program was distributed to all members in January 2020 for edits and updates.
- A new Image or Sound Recording Policy (P213) was developed in August 2019 with the aid of the University legal counsel. It was reviewed and approved by IACUC in the December meeting.
- A moribund animal procedure was introduced, discussed and approved in the December 2019 meeting.
- member of the committee, resigned in November 2019 after serving for many years on IACUC. He will be replaced in the future with a member with a comparable expertise.
- resigned from the committee as she moved to another institution. She will be replaced in the future with a member with a comparable expertise.
- was approved to become a voting member of the IACUC in September 2019.

Education

In a continuing education program for IACUC members, numerous articles were distributed to the committee between 3/19-8/19 for their edification. These included, but were not limited to:

- Beyond Lab Rats: These 5 Animals are Essential to Science by Andrea Michelson; September 23, 2019; https://curiosity.com/topics/beyond-lab-rats-these-5-animals-are-essential-to-science-curiosity/
- EPA Says It Will Drastically Reduce Animal Testing by Mihir Zaveri et al; The New York Times; Sept. 10, 2019; https://www.nytimes.com/2019/09/10/climate/epa-animal-testing.html
- Scientists Criticize Mouse Study of New Alzheimer's Drug by Emily Makowski; Nov. 13, 2019; The Scientist;
- Putting lights on gillnets cuts bycatch of sea turtles and dolphins by David Szondy; New Daily, Dec. 8, 2019; https://www.sciencedaily.com/releases/2019/12/191205113127.htm

Semiannual Inspections:

In January 2020 the IACUC completed its semi-annual inspections of all laboratorics and facilities where animals are housed and animal research is conducted. Few deficiencies or violations were reported: two investigators needed to re-calibrate their anesthetic administering equipment, and one investigator needed to better label animal chow. The investigators were notified and we are waiting for their responses. None of these deficiencies are reportable to OLAW.

Violations Reported to OLAW:

OLAW approved the action taken in the violations reported in the previous cycle.



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Semiannual Program Review and Facility Inspection Checklist

About the checklist

The Semiannual Program Review and Facility Inspection Checklist is provided to assist institutions in conducting their semiannual reviews of programs and facilities for the care and use of animals. The Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy), section IV.B.1.-2., requires the Institutional Animal Care and Use Committee (IACUC) to review the institution's program for humane care and use of animals and inspect all of the institution's animal facilities at least once every 6 months using the Guide for the Care and Use of Laboratory Animals: Eighth Edition (Guide) as a basis for evaluation.

How to use the checklist

This checklist is a tool to assist IACUCs in conducting thorough semiannual reviews. IACUCs are not required to use this checklist but are encouraged to amend it as necessary to reflect institutional programs and needs, or to develop their own checklist. If the checklist is modified, periodic review of the checklist is recommended to ensure relevant topics are considered as the animal care and use program changes.

The checklist covers the major topics of the Guide and the requirements of the PHS Policy. The checklist does not replace the Guide, but should be utilized in conjunction with the Guide. The Guide provides the standards, recommendations, and descriptions of desired outcomes necessary to evaluate and inspect an animal care and use program. Relevant references for the Guide and the PHS Policy are noted. Endnotes are included to reference specific U.S. Department of Agriculture (USDA) regulatory requirements that differ from the PHS Policy. Topics that are new to this version of the checklist or identified as a "must" in the Guide are highlighted. A column to identify changes that have occurred in the institution's program for animal care and use (PHS Policy IV.A.1.a.-i.) since the last review is also a new feature.

The checklist consists of the following sections:

- I. Semiannual Program Review Checklist
 - Institutional Policies and Responsibilities
 - Veterinary Care
- II. Semiannual Facility Inspection Checklist
 - Terrestrial Animal Housing and Support Areas
 - Aquatic Animal Housing and Support Areas
 - Cagewash
 - Special Facilities: Aseptic Surgery
 - Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries, Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies
- III. Semiannual Program Review and Facility Inspection Report
- IV. Endnotes

It is recommended that the Program Review section be completed during an IACUC meeting. Because physical aspects of a program require visual observation to evaluate, it is recommended that the Facility Inspection section be completed during an inspection of the facilities, including satellite facilities.

A table is provided, "Semiannual Program Review and Facility Inspection Report," as a format for the IACUC to organize and track information regarding deficiencies, and plans and schedules for correction. IACUCs may choose to attach the table to the Semiannual Report to the Institutional Official.

Questions or comments?

Suggestions or comments about this checklist should be e-mailed to: olawdpe@mail.nih.gov.

I. Semiannual Program Review Checklist i

Institutional Policies and Responsibilities

Date:

. Ai	nimal Care and Use Program NEW	A	M	S	C	NA
•	Responsibility for animal well-being is assumed by all members of the program (<i>Guide</i> , p 1) must	/				
•	IO has authority to allocate needed resources (Guide, p 13)	/				
•	Resources necessary to manage program of veterinary care are provided (<i>Guide</i> , <u>p 14</u>)	/				
	Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the <i>Guide</i> (<i>Guide</i> , pp 11, 15)	1				
•	Program needs are regularly communicated to IO by AV and/or IACUC (Guide, p 13)	1	- Pir .		<u></u>	
•	Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site (Guide, p 14) must	/				
•	Inter-institutional collaborations are described in formal written agreements (<i>Guide</i> , \underline{p} 15)	1				
•	Written agreements address responsibilities, animal ownership, and IACUC oversight (Guide, p 15)	/				- 100 mg mg
. D	isaster Planning and Emergency Preparedness NEW	A.	M	S	C	NÆ
•	Disaster plans for each facility to include satellite locations are in place (Guide, p 35, p					
	75) 75) Plans include provisions for eutha rasia (<i>Guide</i> , p 35) 1000st	/ /		1		
	Plans include triage plans to meet institutional and investigators' needs (<i>Guide</i> , p 35)				<u> </u>	ļ.,
	Plans define actions to prevent animal injury or death due to HVAC or other failures (Guide, p 35)					
•	Plans describe preservation of critical or irreplaceable animals (<i>Guide</i> , p 35)					
•	Plans include essential personnel and their training (<i>Guide</i> , p 35)	1				
•	Animal facility plans are approved by the institution and incorporated into overall response plan (<i>Guide</i> , p 35)	1				
•	Law enforcement and emergency personnel are provided a copy and integration with overall plan is in place (<i>Guide</i> , p 35)	V				
I	ACUC NEW	Α*	M	S	C	NA
•	Meets as necessary to fulfill responsibilities (Guide, p 25) final	1				
•	IACUC Members named in protocols or with conflicts recuse themselves from protocol decisions (Guide, p 26)	1				
•	Continuing IACUC oversight after initial protocol approval is in place (Guide, p 33)	1				
•	IACUC evaluates the effectiveness of training programs (Guide, p 15)					.,
. I/	ACUC Protocol Review - Special Considerations	A *	M	S	C	NA
•	Humane endpoints are established for studies that involve tumor models, infectious					
	diseases, vaccine challenge, pain modeling, trauma, production of monoclonal antibodies, assessment of toxicologic effects, organ or system failure, and models of cardiovascular shock (<i>Guide</i> , p 27)	1				
•	For pilot studies, a system to communicate with the IACUC is in place (Guide, p 28)	/				
3.75	For genetically modified animals, enhanced monitoring and reporting is in place (Guide, p 28)			anni e zale		
	Restraint devices are justified in the animal use protocols (<i>Guide</i> , p 29) [must]			1777		
	Alternatives to physical restraint are considered (<i>Guide</i> , p 29)	/				
	Period of restraint is the minimum to meet scientific objectives (<i>Guide</i> , p 29)		Ć			and the second
	Training of animals to adapt to restraint is provided (<i>Guide</i> , p 29)	-/		****		
	Animals that fail to adapt are removed from study (Guide, p 29)			** ##.	*******	
	runnials that fall to daupt are removed from study (Ourde, p 25)					
no actividad (100	Appropriate observation intervals of restrained animals are provided (Guide, p 29)	/		:		

1 Animal Care and Use Program NEV

	•	Explanations of purpose and duration of restraint are provided to study personnel (Guide, p 30)					
	•	Multiple surgical procedures on a single animal are justified and outcomes evaluated (Guide, p 30)	/				
******	•	Major versus minor surgical procedures are evaluated on a case-by-case basis (Guide, p 30)	V				
-	•	Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide</i> , p 30)	/			1	
	•	Animals on food/fluid restriction are monitored to ensure nutritional needs are met (Guide, p 31)	/	1			
y	•	Body weights for food/fluid restricted animals are recorded at least weekly (<i>Guide</i> , <u>p</u> 31)	1				
-		Daily written records are maintained for food/fluid restricted animals (<i>Guide</i> , p 31)	1	-	-		-
	•				 	-	+-
		Pharmaceutical grade chemicals are used , when available, for animal-related procedures (<i>Guide</i> , p 31)	1			<u>.</u>	
	•	Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC (Guide, p 31)	/	!		<u> </u>	
		Investigators conducting field studies know zoonotic diseases, safety issues, laws and regulations applicable in study area ($Guide$, p 32)	V				
		Disposition plans are considered for species removed from the wild (Guide, p 32)	1	1 1	1	1	1
	•	Toe-clipping only used when no alternative, performed aseptically and with pain relief (Guide, p 75)	1				
		CUC Membership and Functions	A*	M	S	C	NA
	•	IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, IV.A.3)	1				
		Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user ($Guide$, p 24) ⁱⁱ	/				
	•	IACUC authority and resources for oversight and evaluation of institution's program are provided (<i>Guide</i> , p 14)	1				
_	•	IACUC conducts semiannual evaluations of institutional animal care and use program (PHS Policy, IV.B.)	/				-
		Conducts semiannual inspections of institutional animal facilities (PHS Policy, IV.B.)	1				—
-		IACUC organizationally reports to the Institutional Official (PHS Policy, IV.A.1.b.)	1	Patricia			1
	•	Methods for reporting and investigating animal welfare concerns are in place (Guide, p	1				
_	•	Reviews and investigates concerns about animal care and use at institution (PHS Policy, IV.B.)					
	•	Procedures are in place for review, approval, and suspension of animal activities (PHS Policy, IV.B.)	1				
	•	Procedures are in place for review and approval of significant changes to approved activities (PHS Policy, <u>IV.B.</u>)	7				
	•	Policies are in place for special procedures (e.g., genetically modified animals, restraint, multiple survival surgery, food and fluid regulation, field investigations, agricultural animals) (Guide, p 27-32)					
	•	Requests for exemptions from major survival surgical procedure restrictions are made to USDA/APHIS v (Guide, p 30) [10]	/				
		CUC Training NEW	A*	M	S	C	NA
_		All IACUC members should receive:		-			
		Formal orientation to institution's program (Guide, p_17)	71	1	T		
		Training on legislation, regulations, guidelines, and policies (<i>Guide</i> , p 17)	7				
	- INITA A PARTIES	Training on legislation, regulations, guidelines, and policies (Guide, p. 17) Training on how to inspect facilities and labs where animal use or housing occurs (Guide, p. 17)	/			140-1-	
		Training on how to review protocols as well as evaluate the program (Guide, p 17)	7				
m****	57.750	Ongoing training/education (Guide, p 17)	1	1404100	d 12.0250	SV Usa V	4.5.64
,_	IAC	CUC Records and Reporting Requirements ^{vi}	Δ*	M	S	C	NA
****		Semiannual report to the IO (PHS Policy, IV.B.)		, ,	1000		
		Submitted to IO every 6 months	7.1			γ	
		Compiles program review and facility inspection(s) results (includes all program	1				
		- Somplies program review and racincy mapecalon(s) results (includes an program	V				- 1

					10000	CO MORRISON	p = 000000
	-	and facility deficiencies)					ļ
ļ		Includes minority IACUC views	1				L
		 Describes IACUC-approved departures from the Guide or PHS Policy and the 	/				!
		reasons for each departure ^{vii}					
		o Distinguishes significant from minor deficiencies	/				
1		o Includes a plan and schedule for correction for each deficiency identified viii	/				T
	_	Reports to OLAW (PHS Policy, IV.F.)			i		1
ļ							1
1			/				
ļ		program reviews and facility inspections and includes any minority views					ļ
1		 Promptly advises OLAW of serious/ongoing Guide deviations or PHS Policy 					
L	T (T. ST. ST. ST. ST. ST. ST. ST. ST. ST. S	noncompliance (NOT-OD-05-034)	·				ļ
1		o Institute must promptly advise OLAW of any suspension of an animal activity by	1				
		the IACUC (NOT-OD-05-034)	1				
	•	Reports to U.S. Department of Agriculture (USDA) or Federal funding agency ix		1000000000	38	17/10/25/07/0	W.CVV.TC
[Annual report to USDA contains required information including all	7	FEET TO		******	Ī
3		exceptions/exemptions	V				
		7 1000					1
1			1				
		regulations and standards					
ļ		 Reports are filed within 15 days for failures to adhere to timetable for correction of 	. 9				
ļ		significant deficiencies			ļ		
		 Promptly reports suspensions of activities by the IACUC to USDA and any Federal 	V		1		P I
		funding agency			i		<u></u>
-	•	Records (PHS Policy, IV.E.)					
1	-	 IACUC meeting minutes and semiannual reports to the IO are maintained for 3 	/	7		/	Ī
		years	1				
-		Described to the second of the	7				1
		See de la CIIC de la C					ļ
		· · · · · · · · · · · · · · · · · · ·	./				
1		study	eletylate A	LESSEMAN S	da u nazwa		L
137			A*				
<u>8.</u>	ve	terinary Care (See also next section - Veterinary Care)	A	M	S	C	NA
į	•	An arrangement for veterinarian(s) with training or experience in lab animal medicine	1	l			
i i		is in place including backup veterinary care ^{xi}	V.,				
	•	Veterinary access to all animals is provided (Guide, p 14)	./				
	•	Direct or delegated authority is given to the veterinarian to oversee all aspects of	1				
		animal care and use (Guide, p 14) must	1				-
- -	•	Veterinarian provides consultation when pain and distress exceeds anticipated level in					
1	•	protocol (Guide, p 5) must	1				
-							İ
	•	Veterinarian provides consultation when interventional control is not possible (Guide, p					
ļ		<u>5) must</u>					ļ
ļ	•	If part time /consulting veterinarian, visits meet programmatic needs (Guide, p 14)					ļ
L	•	Regular communication occurs between veterinarian and IACUC (Guide, p 14)	1				<u> </u>
1	•	Veterinarian(s) have experience and training in species used (Guide, p 15) indust					
1	•	Veterinarian(s) have experience in facility administration/management (Guide, p 15)	/				
	4 534	PROPERTY OF THE REPORT OF THE PROPERTY OF THE	yr-Yahir	galayte.	200 Ev.	0.4211	
9.	Pe	rsonnel Qualifications and Training	A*	M	S	C	NA
		All personnel are adequately educated, trained, and/or qualified in basic principles of	2-1-0	- MANAGES PROPERTY			and the community
	•	laboratory animal science. Personnel included:					
		The control of the co	1				r
-		Veterinary/other professional staff (<i>Guide</i> , <u>p 15-16</u>)	¥ ,				ļ
ļ.,,,,,,		o IACUC members (<i>Guide</i> , <u>p. 17</u>)	/	·			
ļ		o Animal care personnel (Guide, p 16)	/_				ļ
		o Research investigators, instructors, technicians, trainees, and students (<i>Guide</i> , pp		3			
		<u>1</u> 6-17)	1				Ĺ
	•	Continuing education for program and research staff provided to ensure high quality	/				
1		care and reinforce training (Guide, pp 16-17)	1				
T	Trace at 100	Training is available prior to starting animal activity (Guide, p 17)	./			W. C. C.	1
ļ	•	Training is documented (<i>Guide</i> , p 15)			*************		
1	H	Training program content includes: (<i>Guide</i> , p 17)					lan reven
1		EM TO SERVICE					ŗ
			· /			******	
-		Humane practices of animal care (e.g., housing, husbandry, handling) xii	-1	d			ļ
		o Humane practices of animal use (e.g., research procedures, use of anesthesia,					
	Ser	niannual Checklist v3/8/2012					4

· 2		70			-ancio
-	pre and post-operative care, asepti csurgical techni ques and euthanasia (Guide, 17) ixii	p /			
	 Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, IV.A.1.q.) 				
	 Research/testing methods that minimize animal pain or distress (PHS Policy, IV.A.1.q.) 	/	9100		
	 Use of hazardous agents, including access to OSHA chemical hazard notices where applicable (Guide, p 20) 	/			
	 Animal care and use legislation (Guide, p 17) 	1	at at the		
	 IACUC function (Guide, p 17) 	1			
	o Ethics of animal use and Three R's (Guide, p. 17)	/			
10.	Occupational Health and Safety of Personnel	A	M	S	C NA
•	Program is in place and is consistent with federal, state, and local regulations (<i>Guide</i> , p_17) must				
•	Program covers all personnel who work in laboratory animal facilities (Guide, p 18)	\mathcal{I}_{j}	× 1		1/ 7
	Changing, washing, and showering facilities are available as appropriate (Guide, p 19)	1	1	1	
•	Hazardous facilities are separated from other areas and identified as limited access (Guide, p 19)				
•	Personnel training is provided based on risk (e.g., zoonoses, hazards, personal				
1	h ygiene, special precautions, animal allergies) (Guide, p 20)	1			
•	Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking	7		Ī	
	policies) (<i>Guide</i> , p 20)	V			
· •	Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide</i> , p 21)	V			
•	Personal Protective Equipment for the work area is appropriate and available (<i>Guide</i> , <u>p</u> <u>21</u>)				
•	Program for medical evaluation and preventive medicine for personnel includes:				
E .	 Pre-employment evaluation including health history (Guide, p 22) 	1			1
	 Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (Guide, p 22) 				
	 Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) (Guide, p 23) 		0.000		11 11 11 11 11 11 11 11 11 11 11 11 11
	 Procedures for reporting and treating injuries, including accidents, bites, allergies, etc. (Guide, p 23) 	1	-		111111111111111111111111111111111111111
	 Promotes early diagnosis of allergies including preexisting conditions (Guide, p 22) 	1			
	 Considers confidentiality and other legal factors as required by federal, state and local regulations (Guide, p 22) 				
	o If serum samples are collected, the purpose is consistent with federal and state laws (Guide, p_22) must			1	
•	Waste an estheti : gases are sc avenged (<i>Guide</i> , <u>p 21)</u>	1	100.00		
•	Hearing protection is provided in high noise areas (Guide, p 22)				II.
•	Respiratory protection is available when performing airborne particulate work (Guide,		Í		
	p <u>22</u> }	1			
•	Special precautions for personnel who work with nonhuman primates, their tissues or		are removal,		
	body fluids include:				Ů.
	o Tuberculosis screening provided for all exposed personnel (Guide, p 23)	1			
	 Training and implementation of procedures for bites, scratches, or injuries 	υid):			
	associated with macaques (Guide, p 23)	/	_		4
	 PPE is provided including gloves, arm protection, face masks, face shields, or goggles (Guide, p 21) 	1			
	 Injuries associated with macaques are carefully evaluated and treatment implemented (Guide, p 23) 		1		
e from the same of	Occupational safety and health of field studies is reviewed by OSH committee or office	1			
	(Guide, p 32)	(+ 2 · y · =		- 1	-1
11.	Personnel Security NEW	A*	M	s (C NA
	Preventive measures in place include pre-employment screening, and physical and IT	Ţ			
	security (Guide, p. 23)	1		1	3

2. Investigating & Reporting Animal Welfare Concerns NEW	A.	M	S	C	N/
 Methods for investigating and reporting animal welfare concerns are established (Guide, p 23) [mixit] 					
 Reported concerns and corrective actions are documented (Guide, p 24) 				5000000	
 Mechanisms for reporting concerns are posted in facility and at applicable website with instructions (Guide, p 24) 	1		- President		
o Includes multiple contacts (Guide, p 24)	/				
 Includes anonymity, whistle blower policy, nondiscrimination and reprisal protection (Guide, p 24) 	/		rien decen		

^{*} A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy <u>IV.A.1.a.-i.</u>) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

	•	Pre-surgical plans are developed and include veterinary input (e.g., location, supplies,	1	7			
		anesthetic and analgesic use, peri-operative care, recordkeeping) (Guide, p 116)	V	1	<u> </u>		
	•	Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified		<i>\</i>	1		
1		and IACUC approved (<i>Guide</i> , p 116)	-	ļ		ļ	1
	•	Surgical procedures including laparoscopic procedures are categorized as major or	1		İ		
500		minor (Guide, pp 117-118)	ļ.,	ļ	ļ		4
	•	For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean (<i>Guide</i> , <u>p</u> 118)	1				
-	•	Aseptic technique is followed for survival surgical procedures (<i>Guide</i> , pp 118-119)	V				1
		Effective procedures for sterilizing instruments and monitoring expiration dates on	1	4			1
		sterile packs are in place (Guide, p 119)	V	<u> </u>			i
	•	Procedures for monitoring surgical anesthesia and analgesia are in place (Guide, p 119)	1				
	•	For aquatic species, skin surfaces are kept moist during surgical procedures (Guide, p		1		Ī	1
		119)	V				
	•	Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures) (<i>Guide</i> , pp 119-120)	V				
4	Da	in, Distress, Anesthesia and Analgesia	4	M	S		NΔ
~	•	Guidelines for assessment and categorization of pain, distress and animal wellbeing		T	C43-5-34		130
5		are provided during training (Guide, p 121)	<u></u>		1		<u></u>
	•	Selection of analgesics and anesthetics is based on professional veterinary judgment (<i>Guide</i> , p 121)	1				
	•	Painful procedures are monitored to ensure appropriate analgesic management (Guide, p 122)					
5555	•	Nonpharmacologic control of pain is considered as an element of postprocedural care	/				
		(Guide, p 122) Procedures are in place to assure antinoception before surgery begins (Guide, p 122)					
		Invest			-		
	•	Guidelines for selection and use of analgesics and anesthetics are in place and regularly reviewed and updated (<i>Guide</i> , p 122)	$\sqrt{}$				
	•	Special precautions for the use of paralytics are in place to ensure anesthesia xiv (Guide, p 123)	V				
5.	Eul	thanasia	A	M	S	C	NA
		Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the IACUC (Guide, p 123)	V				
	•	Standardized methods are developed and approved by the veterinarian and IACUC	1				
		thabvoid distress and consider animal age and species (Guide, pp 123-124)	$-\nu^{l}$		4		
	•	Training is provided on appropriate methods for each species and considers	ابن	-		1	
		p sychological tress to personnel (Guide, p 124)	4		Ä		E I
		Procedures and training are in place to ensure death is confirmed (Guide, p 124)	V				
5			A*	M	S	С	NA
<u>.</u>		Program complies with federal regulations for human and veterinary drugs(Guide, p		77	10	9	IVA
		115) Linuxe		!			
		Drug records and storage procedures are reviewed during facility inspections (<i>Guide</i> , \underline{p} 115)	/	1		vot-seite	
	•	Procedures are in place to ensure analgesics and anesthetics are used within expiration date (<i>Guide</i> , p 122) must					
	•	Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide</i> , p 122)	1				
		recorded regains and Salers (Guide, D.144)	2500	- 1		1.0	
*				200000			
*	A =	acceptable		evenum s			
*	A = M = S =	acceptable minor deficiency significant deficiency (is or may be a threat to animal health or safety)		200			
*	A = M = S = C =	acceptable minor deficiency	rt to	OLAY	w)		

Veterinary Care

Date:

•	inical Care and Management NEW Veterinary program offers high quality of care and ethical standards (Guide, p. 105)	A	M	S	(C)	
		V				ļ
•	Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia (Guide, p 106)	V	X			
•	Veterinarian provides oversight to surgery and perioperative care (<i>Guide</i> , p 106)	7				1
•	Veterinary care program is appropriate for program requirements (<i>Guide</i> , pp 113-114)		i e e e e e e e e e e e e e e e e e e e		en acamerature a	
	Veterinarian(s) is familiar with species and use of animals and has access to medical	2				1
	and experimental treatment records (Guide, p 114)	1				
•	Procedures to triage and prioritize incident reports are in place (Guide, p 114)	/				1
•	Procedures are in place to address:	Salvania (12)			=======================================	
	 Problems with experiments to determine course of treatment in consultation with investigator(Guide, p 114) 	/				
	 Recurrent or significant health problems with the IACUC and documentation of 	/				
	treatments and outcomes (Guide, p 114)				ļ 	Ļ_
	 Veterinary review and oversight of medical and animal use records (Guide, p 115) 	. /				
•	Procedures established for timely reporting of animal injury, illness, or disease (<i>Guide</i> , p 114) Truss					
-	Procedures established for veterinary assessment, treatment, or euthanasia (Guide, p. 114) Trust	/				
•	Veterinarian is authorized to treat, relieve pain, and/or euthanize (Guide, p 114)	,				
		/				1
	nimal Procurement and Transportation/Preventive Medicine	A	17 Mari	S		
AI	Procedures for lawful animal procurement are in place (Guide, p 106)		Control of the last		E UR	

•	Sufficient facilities and expertise are confirmed prior to procurement (<i>Guide</i> , <u>p 106</u>)					-
	Procurement is linked to IACUC review and approval (Guide, p_106)	-1/	بالمراج			ļ
•	Random source dogs and cats are inspected for identification (Guide, p 106)					ļ
•	Population status of wildlife species is considered prior to procurement (<i>Guide</i> , <u>p 106</u>)	1				
	Appropriate records are maintained on animal acquisition (Guide, p 106)	y'				<u>. </u>
•	Animal vendors are evaluated to meet program needs and quality (Guide, p 106)	/				
•	Breeding colonies are based on need and managed to minimize numbers (<i>Guide</i> , <u>p</u> 107)	/				
•	Procedures for compliance with animal transportation regulations, including international requirements, are in place (<i>Guide</i> , p 107) International	/				
•	Transportation is planned to ensure safety, security and minimize risk (Guide, p 107)	1				
•	Movement of animals is planned to minimize transit time and deliveries are planned to	V				
	ensure receiving personnel are available (Guide, pp 107- 108)	1				
•	Appropriate loading and unloading facilities are available (Guide, p 109)	1				
•	Environment at receiving site is appropriate (<i>Guide</i> , p 109)	······································			***************************************	
е го с ен -	Policies in place on separation by species, source, and health status (<i>Guide</i> , pp 109,	10-1	P**(1))(() (), a			-
,	111-112)	1				
•	Procedures in place for quarantine to include zoonoses prevention (<i>Guide</i> , <u>p 110</u>)	V /		-	de Sarrai	
	Quarantined animals from different shipments are handled separately or physically	. V.				
•	separated (Guide, p 110)	1		(a4## .18 a81-3		
•	Procedures in place for stabilization/acclimation (Guide, pp 110-111)	./,				
•	Policies in place for isolation of sick animals (Guide, p 112)		aras established			
•	Program is in place for surveillance, diagnosis, treatment and control of disease to include daily observation (<i>Guide</i> , <u>p 112</u>)	1			5,11	
	Diagnostic resources are available for preventive health program (<i>Guide</i> , p 112)	V./				
•	Diagnostic Code cos die Grandole for preventive fredrett program (Outde, p 112)	V-	- 12.51		-49561	. ₁)
•	마트 즐겁게 있었다. 그 사람은 그렇게, 그 있다는 그리는 그 그리는 그 그리는 그 그리는 그 그리는 그리는 사람들이 가득하게 되었다. 그리는 사람들이 그리는 사람들					-
Mile.	ırgery	A*	M	S	C	N
Mile.	Surgical outcomes are assessed and corrective changes instituted (<i>Guide</i> , <u>p 115</u>) Researchers have appropriate training to ensure good technique (<i>Guide</i> , <u>p 115</u>)	A*	M *	S	C	N

		(Cuido on E2 59 60 62)			1 -0
		(Guide, pp 53, 58, 60, 63) animal care personnel receive training to identify abnormal animal behaviors	V	_	
	0			1	
		(Guide, p 53)			r !
	0	stability of pairs or groups is monitored for incompatibility (<i>Guide</i> , p 64)	+7		
ļ	0	single housing is justified for social species (Guide, p.64)		-i	
ļ	0	single housing is limited to the minimum period necessary (Guide, p.64)	1/		ļ — — —
ļ	0	additional enrichment for single housed animals is provided (Guide, p 64)	1		
ļ	0	single housing is reviewed regularly by IACUC and veterinarian (Guide, p 64)	water and the same		
	0	habituation to routine procedures is part of enrichment program (Guide, p. 64)	1		L
		neltered or Outdoor Housing: (e.g., barns, corrals, pastures, islands)	·	=	
ļ	0	weather protection and opportunity for retreat (Guide, p 54) must	+		1 /
	0				
	<u> </u>	ventilation and sanitation of shelter (no waste/moisture build-up) (Guide, p 54)			
<u></u>	0				
	0	social compatibility (Guide, p 55)			
ļ	0	roundup/restraint procedures (<i>Guide</i> , <u>p 55</u>)			
September 1990	0				
	Na	aturalistic Environments:			
	0	animals added /removed with consideration of effect on group (Guide, p 55)	1		
	0	adequate food, fresh water, and shelter ensured (Guide, p 55)	1		/
•	Fo	od:	,		
	0	feeding schedule and procedures including caloric intake management (Guide, pp			
		<u>65-67)</u>	V		
-	0	contamination prevention (<i>Guide</i> , <u>p. 65</u>)			
	0	vendor quality control (<i>Guide</i> , <u>p 66</u>)			
	0	storage in sealed containers (Guide, <u>p 66)</u>			
	0	expiration date labeling (Guide, p 66)	/		
	0	vermin control (Guide, p 66)	1 /		
	0	rotation of stocks (<i>Guide</i> , <u>p 66</u>)	/		
•	W	ater:	- 2		
	0	ad libitum unless justified (Guide, pp 67-68)			
	0	QC procedures (Guide, pp 67-68)	1 /1		
•	Be	dding and Nesting Materials:			
	0	species appropriate (Guide, pp 68-69)			
	0	keeps animals dry (Guide, pp 68-69)		İ	
or and and an area of the control	0	QC procedures (Guide, pp 68-69)			
	0	minimizes scientific variables (Guide, pp 68-69)	/	Zatrancen [
•	Sa	nitation:	.36		
	0	frequency of bedding/substrate change (Guide, p 70)	/		
	O	cleaning and disinfection of microenvironment (Guide, pp 70-71)	4		
	0	cleaning and disinfection of macroenvironment (Guide, p.72)	./		
	0	assessing effectiveness (Guide, p 73)			
•	W	aste Disposal:		- Alle Manager and Alle Alle Alle Alle Alle Alle Alle All	
	0	procedures for collection (Guide, pp 73-74)	1/		
	0	procedures for storage and disposal (Guide, pp 73-74)	/		
	0	hazardous wastes are rendered safe before removal from facility (Guide, pp 73-	/!		
		74) musi	V		
	0	animal carcasses (Guide, pp 73-74)	V		
•	Pe	st Control:			
	0	regularly scheduled (Guide, p 74)			
	0	documented program including control of rodent pests and insecticide use			
		(Guide, p 74)	$\sqrt{}$	i .	
•	En	ergency, Weekend, and Holiday Animal Care:			
	0	care provided by qualified personnel every day (<i>Guide</i> , p. 74)			7 7
	0	provision for accessible contact information (Guide, p 74)		1	
	0	monitoring of backup systems (<i>Guide</i> , p 143)	7		
**************************************	0	veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74,		1	
	-	114) Intest			
		a disaster plan that takes into account both personnel and animals (<i>Guide</i> , p 75)	y	+	
	0	a disaster plan trial takes into account both personner and animals (Guide, <u>p. 75)</u>		,	

II. Semiannual Facility Inspection Checklist

Terrestrial Animal Housing and Support Areas

Date:

Location:

1	ocation:	A M	· •	Cit	NA
0		1/			
0	separation of species (<i>Guide</i> , p 111)				
0	separation by disease status (Guide, p 111)				
0	security and access control (<i>Guide</i> , p 151)				
	onstruction:	i	<u> </u>	1	
	corridors (Guide, p 136)	V	[
0	animal room doors (<i>Guide</i> , p 137)	7			
0	exterior windows (<i>Guide</i> , p 137)	./	Ĺ		
0	floors (<i>Guide</i> , p 137)		<u> </u>		
0	drainage (Guide, p_138)		L		
0	walls and ceilings (<i>Guide</i> , p 138)	· · · · · · · · · · · · · · · · · · ·			
	heating ventilation and air conditioning (Guide, p 139)	<i>√</i>			
0					
0	power and lighting (Guide, p 141)	ν'			
0	noise control (Guide, p 142)	1	ļ		
0		<u> </u>			
0			L		
R	oom/Cage:		···		
0	, , , , , , , , , , , , , , , , , , ,				
0		- /			
0	illumination (Guide, p 47)	/			
0		/			
P	rimary Enclosure:				
0	space meets physiologic, behavioral xv, and social vi needs (Guide, pp. 51, 55-63)	/			
0	secure environment provided (Guide, p 51)				
0	durable, nontoxic materials in good repair and no risk of injury (Guide, p 51)	✓			
0	flooring is safe and appropriate for species (Guide, p 51)				
0	adequate bedding and structures for resting, sleeping, breeding (Guide, p 52)	1			
0		1			
0	procedures for routine husbandry are documented (Guide, p 52)	/		:	
0	socially housed animals can escape or hide to avoid aggression (Guide, p 55)				
0	cage height provides adequate clearance (Guide, p 56)				
0	animals express natural postures, can turn around, access food and water, and	1			
O	rest away from urine and feces (Guide, p 56) from all				
0	rationale xvii for Guide/USDA space exceptions approved by IACUC and based on				>>>>
U	performance indices (<i>Guide</i> , p. 56)			i	
	dogs and cats allowed to exercise and provided human interaction (<i>Guide</i> , p. 58)	-/ <u>-</u>			
0	nonhuman primates are socially housed except for scientific, veterinary or				
O	behavior reasons (<i>Guide</i> , pp 58-59)				\checkmark
ino: 54	single housing of nonhuman primates is for shortest duration possible (<i>Guide</i> , <u>p</u>				
0					/
00.60	60)				
0	opportunities for release into larger enclosures is considered for single caged	j			/
7 7 74 000	nonhuman primates (<i>Guide</i> , p 60)				d
0	agricultural animals are housed socially (Guide, p 60)	- V - J			
0	food troughs and water devices for agricultural animals allow access for all				
	animals (Guide, p 60)				
E	nvironmental Enrichment, Behavioral and Social Management:	,	21.77.25.12.12.12.12.12.12.12.12.12.12.12.12.12.		
0	structures and resources promote species typical behavior (<i>Guide</i> , pp 52-54)				w/ m2400 m
0	novelty of enrichment is considered (<i>Guide</i> , <u>p 53</u>)				in miles of
0	species specific plans for housing including enrichment, behavior and activity are				
	developed and reviewed regularly by IACUC, researchers and veterinarian				
niant	nual Checklist v3/8/2012		- Arri Brancad	C	meraca

Identification:	AND ASSESSMENT OF THE
o cage/rack cards contain required information (Guide, p.75)	1
 genotype information included and standardized nomenclature used when applicable (Guide, p 75) 	/
Recordkeeping:	
o clinical records accessible and contain appropriate information (Guide, pp 75-76)	
 records are provided when animals are transferred between institutions (Guide, p 75) 	
Breeding Genetics and Nomenclature:	
o appropriate genetic records, management and monitoring procedures (<i>Guide</i> , <u>p</u> 76)	
 phenotypes that affect wellbeing are reported to IACUC and effectively managed (Guide, p 77) 	
Storage:	
o adequate space for equipment, supplies, food, bedding and refuse (Guide, p_141)	
 bedding in vermin-free area and protected from contamination(Guide, p 141) 	
 food in vermin-free, temperature and humidity controlled area and protected from contamination (Guide, p 141) 	V
o refuse storage is separate (Guide, p 141)	
 carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable (Guide, p 141) 	
Personnel:	
 adequate space for locker rooms, administration and training (Guide, p 135) 	

A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety) **C** = change in program (PHS Policy <u>IV.A.1.a.-i.</u>) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

Aquatic Animal Housing and Support Areas NEW

Date: Location:

	A	M	5 (
Location:	~ 		
o animal areas separate from personnel areas (Guide, p 134)			
o separation of species (Guide, p 111)	1-4		
o separation by disease status (Guide, p 111)	1-4		
o security and access control (Guide, p 151)	: /		
Construction:			-
o corridors (<i>Guide</i> , <u>p</u> 136)			
o animal room doors (Guide, pp 137, 150)	/		
o exterior windows (Guide, p 137)			
o floors (<i>Guide</i> , pp 137, 150)			
o drainage (<i>Guide</i> , <u>pp 138, 150)</u>	1-4		
o walls and ceilings (Guide, pp 138, 150)	/		
 heating ventilation and air conditioning (Guide, pp 139, 150-151) 			
o power and lighting (Guide, pp 141, 150)	7		
o noise control (Guide, p 142)	7.		
o vibration control (Guide, p 142)			
o environmental monitoring (<i>Guide</i> , <u>p</u> 143)			
Water Quality:			
o standards for acceptable quality are established (Guide, p 78)	/	i	
o chlorine, chloramines, chemical, and reactive bioproducts are removed or	7		
neutralized prior to use in aquatic systems (Guide, pp78, 86) [10]	1		
Life Support System:			
o water source is based on appropriate controls and research requirements (Guide			
p 79)			
o biofilter is of sufficient size to process bioload (Guide, p 80) must	1/		
Temperature, Humidity and Ventilation/Illumination/Noise and Vibration:		i	L
o temperature and humidity (<i>Guide</i> , pp 43, 80-81)	コブ		
o ventilation and air quality (<i>Guide</i> , pp 45, 81)	/-		
	+-/-		
o illumination (<i>Guide</i> , <u>ρρ</u> 47, <u>81)</u>		···	
o noise and vibration (Guide, pp 49, 81)	$\perp \prime \downarrow$		حلح
Primary Enclosure:			
o allows for normal physiological and behavioral needs (Guide, p 82)	14		
o allows social interaction for social species (Guide, p 82)			
o provides a balanced, stable environment (<i>Guide</i> , p 82)	- V		
o provides appropriate water quality and monitoring (<i>Guide</i> , p 82)			
o allows access to food and waste removal (<i>Guide</i> , p 82)	/		
o restricts escape and entrapment (<i>Guide</i> , <u>p 82</u>)	/_		
o allows undisturbed observation (<i>Guide</i> , p.82)			
o constructed of nontoxic materials (<i>Guide</i> , <u>p 82</u>)	/		
o prevents electrical hazards (<i>Guide</i> , <u>p 82</u>)	- 4	<u>-</u>	
o space needs of species are evaluated by IACUC during program evaluations and		1	
facility inspections (Guide, p. 83) Environmental Enrichment, Social Housing, Behavioral and Social Managem			
	EIIL.		
	, /		
or protocol level (<i>Guide</i> , <u>p 84</u>)	./	1	
o nets are cleaned, disinfected and managed to avoid contamination of systems	+ 2 +		
(Guide, p. 84)	1/		
Food:		L.,	
 storage to prevent contamination, preserve nutrients and prevent pests (Guide, 			

	1910 19 19 19 10 marin	84)	
	0	delivery ensures access to all , minimizing aggression and nutrient loss (Guide, p	
		84)	
1	0	storage times are based on manufacturer recommendations or accepted practice	
		(Guide, p 84)	
	0	a nutritionally complete diet is provided (Guide, p 84)	
		bstrate:	
	0	amount, type and presentation of substrate is appropriate for the system and the	
	_	species (Guide, p 85)	/
•	Sa	nitation, Cleaning and Disinfection	
	0	frequency of tank/cage cleaning and disinfection is determined by water quality,	
	·	permits adequate viewing and health monitoring (Guide, p 86)	
	0	cleaning and disinfection of macroenvironment (Guide, p. 86)	
	Contract to the Contract of th	aste Disposal:	
	0	procedures for collection (<i>Guide</i> , pp 7 <u>3-7</u> 4)	/ -
	0	hazardous wastes are rendered safe before removal from facility (<i>Guide</i> , pp 73-	
	0	74	
70	0	animal carcasses (Guide, pp 73-74)	
<u> </u>		st Control:	
	0	regularly scheduled (<i>Guide</i> , p 74)	
	0	documented program including control of pests and insecticide use (<i>Guide</i> , p.74)	
•		nergency, Weekend, and Holiday Animal Care:	
	0	care provided by qualified personnel every day (<i>Guide</i> , pp 74, 87)	7: 1
		provision for accessible contact information (<i>Guide</i> , pp 74, 87)	
		emergency response plans in place to address major system failures (<i>Guide</i> , <u>87</u>)	/
	0	veterinary care available after hours, weekends, and holidays (<i>Guide</i> , pp 74, 114)	
	0		
	~ .1	<u>Imust</u>	
	0.00	entification:	
	0	cage/tank cards contain required information (Guide, pp 75, 87)	
	0	genotype information included and standardized nomenclature used when	
		applicable (Guide, pp 75, 87)	
•		cordkeeping:	
	0	water quality parameters and frequency of testing recorded (Guide, p 88)	·/
	0	records kept on feeding, nonexpired food supplies, live cultures (Guide, p 88)	<u> </u>
		orage:	
	0	adequate space for equipment, supplies, food, substrate and refuse (Guide, p	
		141)	
	0	substrate protected from contamination (Guide, p 141)	V
	0	food in vermin-free, temperature and humidity controlled area and protected	
		from contamination (Guide, p 141)	×
au ea	0	refuse storage is separate (Guide, p 141)	/
	0	carcass and animal tissue storage is separate, refrigerated below 7°C and	
		cleanable (Guide, p 141)	·
	Pe	rsonnel:	-/
	0	adequate space for locker rooms, administration and training (Guide, p 135)	V
* A	= acc	reptable	

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NA = not applicable

Cagewash

Date: Location:

Co	onstruction and Operation:		*****	January I.
0	dedicated central area for sanitizing cages and equipment is provided (Guide, \underline{p} 143)	1		
0	cage-washing equipment meets need (Guide, p 143)	/		
0	doors, windows, floors, drainage, walls, ceilings (Guide, pp 136-138)	//		
0	convenient to animal areas/waste disposal (Guide, p 143)			
0_	ease of access (including door size) facilitates use (Guide, p 143)	/		
0	sufficient space for staging and maneuvering (Guide, p 143)	/		
0	safety precautions/clothing/equipment used for waste disposal/prewash/acid wash ((Guide, p 143)	1		
0	traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization (Guide, p. 143)			
0	insulation and/or sound attenuation present as needed (Guide, p 143)	V,		
0	utilities are appropriate (Guide, p. 143)			
0	ventilation meets heat and humidity load (Guide, p 143)			
0	safety features (e.g., SOPs, warning signs, eyewash stations) are in use (<i>Guide</i> , p 143)			
0	functioning safety devices to prevent entrapment in washer/sterilizers (Guide, \underline{p} 143)			
0	cage wash temperatures are monitored and records are available (Guide, p 73)	171		
0	appropriate clean cage storage (Guide, p 141)			

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NA = not applicable

Special Facilities: Aseptic Surgery

Date: Location:

G	eneral Considerations:		Trans.c.	10
0	location minimizes traffic/contamination (Guide, p 144)	V		_^
0	functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (<i>Guide</i> , p 144)			
0	appropriate drug storage, control, expiration date monitoring (<i>Guide</i> , <u>pp 115, 122</u>)			
0	safe sharps disposal system (Guide, <u>p</u> 74)			
0	adequate records of anesthesia and perioperative care (Guide, p 122)		1	000
0	aseptic procedures in use for all survival surgery (Guide, pp 118-119)		E A	
Oj	perating Room:			1
0	effective contamination control procedures (Guide, p 144)	/		
0	effective cleaning procedures/dedicated tools (Guide, p 145)			
0	interior surfaces smooth and impervious to moisture (Guide, p 145)			
0	HVAC system meets Guide requirements (Guide, p_145)			
0	lighting safe and appropriate (Guide, p 145)	1		
0	outlets safe and appropriate (Guide, p 145)	1		
0	scavenging of anesthetic gases implemented (Guide, p 145)	1		
Su	rgical Support:	*		-
0	facility for washing, sterilizing, storing instruments and supplies (Guide, p 145)			
0	autoclave monitoring procedures are implemented (Guide, pp 119, 145)			
0	storage of autoclaved materials maintains sterility (Guide, p 145)	1		
0	cold sterilization procedures are appropriate (Guide, p 119)	1		-
	imal Preparation: contains large sink to facilitate cleaning of animal and erative site (Guide, p 145)			•
Su	rgeon Scrub: outside operating room, non-hand-operated sink (Guide, p 145)	1		-
Po	stoperative Recovery: allows adequate observation, easily cleaned, supports ysiologic functions, minimizes risk of injury (Guide, p 145)	/		

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NA = not applicable

Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries, Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies

Date: Location:

Ge	eneral Considerations:				С	
0	labs used to house animals only when scientifically required and limited to					
O	minimum period necessary (<i>Guide</i> , p 134)					
0	drug storage, control, and expiration dates (<i>Guide</i> , pp 115, 122)	/-	··- ·····			ļ
0	sharps disposal (Guide, p. 74)	1				ļ
0	anesthetic monitoring (<i>Guide</i> , p 120)	1				L !
0	scavenging of anesthetic gases (<i>Guide</i> , <u>p 21</u>)					
0	safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders)	<i>/</i>				-
0	are in place (Guide, p_19)	1				1
0	carcass disposal (<i>Guide</i> , pp. 73-74)				i	 -
	Iditional Concerns for Survival Surgery: (rodent and minor procedures only)			i	L	Į.,
0	rodent survival surgery clean and uncluttered, not used for anything else during		······································			·
O	surgery (Guide, p 144)	y'				i
0	records of peri-operative care (Guide, p 120)					
	aseptic procedures (Guide, pp 118-119)					-
0	autoclave monitoring procedures (<i>Guide</i> , pp 119, 145)					-
0	storage of autoclaved materials (Guide, p 145)				ļ	-
0	cold sterilization procedures are appropriate (<i>Guide</i> , <u>p 119</u>)					L
0		<u>v</u>			L	
	naging/Whole Body Irradiation: NEW					·
0	location of resource limits contamination risk (Guide, p 147)	-V/				
0	appropriate transportation methods are in place (Guide, p 147)					-
0	gas anesthesia provision, scavenging and monitoring are appropriate (<i>Guide</i> , <u>p</u> 147)	/				
0	appropriate sensors and ventilation are provided for cryogen gases (Guide, p	1				
0	imaging console is located away from radiation source (Guide, p 147)	V.				
Ha	nzardous Agent Containment: NEW					
0	facility adheres to APHIS, USDA and CDC Select Agent Regulations and other					
	federal, state and local regulations including security measures (<i>Guide</i> , <u>p 148</u>)	J				
Вє	ehavioral Studies: NEW			ka mana		ler:
0	facility minimizes airborne transmission of noise and ground-borne transmission					Г
	of vibration (Guide, p 149)	/				
0	floor coverings reduce sound transmission (Guide, p 149)	1	o o so make			
0	testing equipment allows for surface disinfection (Guide, p 150)	1	***********	L L		
0	components that cannot be cleaned are not in ready contact with animals and		************		*****	-
_	kept covered when not in use (<i>Guide</i> , p 150)	1				
	housing areas are contiguous with testing areas when appropriate (<i>Guide</i> , <u>p 150</u>)	/	- Charles			-

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NA = not applicable

III. Semiannual Program Review and Facility Inspection Report

Date:

Members in Attendance:

Deficiency Category* √ Location	Deficiency and Plan for Correction	Responsible Party	Correction Schedule and Interim Status	Date Complete
	Viponzers at of doke by calibration			
	Kelenne/Sylvzine Stered on bench top		1 mm r m	paned to a
	Jud him needs tag with fill/mull dates			Company of the control of the contro
	Igrid and Grand dut	A military of displaying the same of the s		
		the state of the s		100

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M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy <u>IV.A.1.a.-i.</u>) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

[√] Check if repeat deficiency

IV. Endnotes

¹ The PHS Policy requires that Assured institutions comply with the regulations (9 CFR, Subchapter A) issued by the U.S. Department of Agriculture (USDA) under the Animal Welfare Act, as applicable. The endnotes below are specific USDA regulatory requirements that differ from or are in addition to the PHS Policy. This list is not intended to be all inclusive. For additional information please refer to 9 CFR Subchapter A - Animal Welfare.

- 2.31(b)(2) "The Committee shall be composed of a Chairman and at least two additional members;... at least one shall not be affiliated in any way with the facility...such person will provide representation for general community interests in the proper care and treatment of animals." [PHS policy requires 5 members]
- iii 2.32(c)(4) "...No facility employee, Committee member, or laboratory personnel shall be discriminated against or be subject to any reprisal for reporting violations of any regulation or standards under the Act." [USDA requirement additional to PHS Policy]
- iv 2.31(d)(5) "...shall conduct continuing reviews of activities...not less than annually." [PHS Policy requires a complete new review every 3 years utilizing all the criteria for initial review]
- v 2.31(d)(1)(x) "...no animal will be used in more than one major operative procedure from which it is allowed to recover unless...(it is) justified for scientific reasons...(or is) required as routine veterinary procedure...or other special circumstances as determined by the Administrator on an individual basis." [this last point is an additional USDA justification for multiple survival surgeries]
- vi 2.36 "...each reporting facility shall submit an annual report to the APHIS, AC sector supervisor for the State where the facility is located on or before December 1 of each calendar year." [The USDA annual report has a list of requirements which differ from PHS annual report]
- vii 2.36(b)(3) "...exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the IACUC. A summary of all such exceptions must be attached to the facility's annual report." [Refers to USDA annual report]
- viii 2.31(c)(3) "...Any failure to adhere to the plan and schedule that results in a significant deficiency remaining uncorrected shall be reported in writing within 15 business days by the IACUC, through the institutional official, to APHIS and any Federal agency funding that activity." [PHS Policy requires prompt reporting to OPRR of serious or continuing noncompliance with the PHS Policy or serious deviations from the provisions of the *Guide*]
- ^{ix} 2.36 "...each reporting facility shall submit an annual report to the APHIS, AC sector supervisor for the State where the facility is located on or before December 1 of each calendar year." [The USDA annual report has a list of requirements which differ from PHS annual report]
- ^x In addition to PHS requirements for IACUC review/application for funding, USDA regulations require:
 - 2.31(d)(1)(ii) "The principal investigator (PI) consider alternatives to procedures that cause more than momentary or slight pain or distress to the animals, and has provided a written narrative description of the methods and sources...used to determine that alternatives were not available."
 - 2.31(d)(1)(iii) "The PI has provided written assurance that the activities do not unnecessarily duplicate previous experiments."
 - 2.31(d)(1)(iv) "Procedures that may cause more than momentary or slight pain or distress to the animals will:
 - involve in their planning, consultation with the attending veterinarian or his or her designee; [PHS Policy does not specify veterinary consultation]
 - not include paralytics without the use of anesthesia;"

[&]quot;Part 2 Subpart C - Research Facilities

- 2.31(d)(1)(x) "No animal will be used in more than one major operative procedure from which it is allowed to recover, unless justified for scientific reasons by the principal investigator, in writing..."
- ^{xi} 2.33(a)(1) "In the case of a part-time attending veterinarian or consultant arrangements, the formal arrangements shall include a written program of veterinary care and regularly scheduled visits to the research facility." [USDA requirement additional]
- xii 2.32(c) "Humane methods of animal maintenance and experimentation, including the basic needs of each species, proper handling and care for the various species of animals used by the facility, proper pre-procedural and post-procedural care of animals, and aseptic surgical methods and procedures."
- xiii 2.32(c) additional specifications include:
- "proper use of anesthetics, analgesics, and tranquilizers for any species of animals used by the facility"
- "methods whereby deficiencies in animal care and treatment are reported, including deficiencies in animal care and treatment reported by any employee of the facility..."
- "utilization of services (e.g., National Agricultural Library, National Library of Medicine) to provide information on appropriate animal care and use, alternatives to the use of live animals in research, that could prevent unintended and unnecessary duplication of research involving animals, and regarding the intent and requirements of the Act." [USDA training specifications are more detailed than PHS Policy].
- xiv 2.31(d)(iv)(C) "Procedures that may cause more than momentary or slight pain or distress to the animals will...not include the use of paralytics without anesthesia."
- xv Part 3 Subpart A 3.8 "...research facilities must develop, document, and follow an appropriate plan to provide dogs with the opportunity for exercise. In addition the plan must be approved by the attending veterinarian. The plan must provide written standard procedures..."
- ^{xvi} Part 3 Subpart D 3.81 "...research facilities must develop, document, and follow an appropriate plan for environment enhancement adequate to promote the psychological well-being of nonhuman primates."
- Part 3 Subpart A 3.6(c)(1) "Each dog housed in a primary enclosure must be provided with a minimum amount of floor space, calculated as follows: (length of dog in inches +6)² /144 = required floor space in square feet)."
- Part 3 Subpart D 3.80 (b) "Primary enclosures [for nonhuman primates] must meet the minimum space requirements provided in this subpart."
- In situations where the USDA regulations and the *Guide* differ with respect to space requirements, the larger of the two must be followed.

Date 16

Investigato	or		
Protocol #		Species	•
Room #		Op 00100	, , , , , , , , , , , , , , , , , , ,
			
Site Visit L	ab Contact		
	_		Ketamef sign
A) Proced	dures Performed		
	Surgical Non-Surgic	al	cothese.
	Survival Non-surviva	Euthanasia	only
	Method of euthanasia Duration of procedure(s)		
	Duration of procedure(s)Surgical area clean & uncluttered		
	 Surgical area clean & uncluttered Surgical area not used for anythin 		•
	Aseptic procedures? Use		
	 Current protocol posted/nearby for 		
	 Surgery and Recovery Record Av 		_
	- Cargery and recovery record 7.0		
B) Are Dr	ugs Used In Procedures?	Yes	No
	If yes, name of drugs(s)	· · · ·	<u> </u>
	If yes, name of drugs(s) Expiration date(s)	Controlled	d drugs used?
	Gas cylinders immobilized?	<u> </u>	
	 Warning signs visible? MS 	SDS forms posted?	
	 Calibration of anesthetic equipme 	nt - yearly for isoflurar	ne
	F-Air weighed/vents open?		
180	 Are cages and housing area clean Do animals have food and water? Is the lab area clean where proced Are surgical instruments/equipment Autoclave monitoring procedure Storage of autoclaved mate Cold sterilization procedure Are sharps containers present? No 	Yes_dures performed? Yes_ent clean? Yes_edureserialses are appropriateo recapping? Yes_	No No No
•	 Hood inspected, if applicable. Insp 		No
•	 Guillotine used? If so, inspection of 	date	
D) Do Aniı	mals Remain in Lab More Than 12 h	iours Yes	No γ
A THE PROPERTY OF THE PARTY OF	If yes, duration of housing		
•	 Who is responsible for caring for the 	ne animals?	
•	 Are carcasses properly disposed of 		Yes√_ No
•	 Any evidence of animal misuse, m 	istreatment or neglect	Yes No
Signature			

Date______

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator_				
Protocol #	Species			
Room #				
Site Visit Lab	Contact			
			a 1-	_
A) Procedu	res Performed		OK	
•	Surgical Non-Surgical			
•	Survival Non-survival Euthar o Method of euthanasia	nasia only	-	
•	Duration of procedure(s)	- " -		
•	——————————————————————————————————————	_		
•	Surgical area not used for anything else during surg			
	Aseptic procedures? Use of sterile surgical		_	
	Current protocol posted/nearby for quick reference			
•	Surgery and Recovery Record Available			
B) Are Drug	s Used In Procedures?	Yes	No	_
•				
	If yes, name of drugs(s)Cont	rolled drugs u	sed?	
	Gas cylinders immobilized?			
	Warning signs visible? MSDS forms posted			
	Calibration of anesthetic equipment – yearly for isof	lurane		
•	F-Air weighed/vents open?			
C) Housing	/Equipment			
•	r are carged annual resources are are are	Yes	N o	
•	Do animals have food and water?	Yes	No	-
•	Is the lab area clean where procedures performed?		No	-
•	Are surgical instruments/equipment clean?	Yes	No	-
	Autoclave monitoring procedures Storage of autoclaved materials			
	Cold sterilization procedures are appropriate	1		
•	Are sharps containers present? No recapping?	Yes	No	
•	Hood inspected, if applicable. Inspect. Date?	Yes	No	•
•	Guillotine used? If so, inspection date.			_
D) Do Anima		Yes	No	
•	If yes, duration of housing	_		
•	Who is responsible for caring for the animals?Are carcasses properly disposed of?	Yes		No
•	Any evidence of animal misuse, mistreatment or neg		_	No
•		J.COL 163	_	NO
Signature				
	-			

Investigato <u>r</u>					
Protocol#	Species				
Room #					
	, and Manager				
Site Visit Lab	Contact				
•	res Performed Surgical Non-Surgical Survival Non-survival Eutha o Method of euthanasia Duration of procedure(s)			Ου - -	
•	0 1 1 0 1 10	gery? _ gloves	?	_	
	s Used In Procedures?	Yes_	_	No_	
•	If yes, name of drugs(s) Con Con Con Con Con Con	d?		 sed?	
C) Housing	/Equipment				
	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date.	Yes	- - -	No No No No No	_
•	If yes, duration of housing	_			
•	Who is responsible for caring for the animals?	···-	Voc		No
•	Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or ne	alect	Yes Yes	_	No No
Signature	Triny Condende of animal misuse, misueaunem of he	Alect	163	_	140

Date 1/6

IACUC Semi-Annual Site Visits: Research Laboratories

Investigato <u>r</u>	
Protocol #	Species
Room #	
Site Visit Lab	Contact
Site Visit Lab	Ontact
A) Procedu	res Performed
•	Surgical Non-Surgical
•	Survival Non-survival Euthanasia only
	o Method of editionalia
•	Duration of procedure(s)
•	
•	ourgiour area not accertor arry riving close during ourgery :
	Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference
	Surgery and Recovery Record Available
•	Surgery and Necovery Necold Available
B) Are Drug	s Used In Procedures? Yes No
	If yes, name of drugs(s)Controlled drugs used?
•	Gas cylinders immobilized?
•	Warning signs visible? MSDS forms posted?
•	Calibration of anesthetic equipment – yearly for isoflurane
•	F-Air weighed/vents open?
C) Housing	/Equipment
	Are cages and housing area clean? Yes No
•	Do animals have food and water? Yes No
•	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No
	Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) Do Anima	lis Remain in Lab More Than 12 hours Yes No
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signotives	
Signature	

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Investigator	Charica		
Protocol#	Species		
Room #_			
Site Visit Lab (Contact		-
A) Procedure			No write in last 6
	Surgical Non-Surgical Survival Non-survival Eutha	nasia only	in last 6
	Method of euthanasia		_
	Duration of procedure(s)		
	Surgical area clean & uncluttered?	raony?	
	Surgical area not used for anything else during sur Aseptic procedures? Use of sterile surgical		
	Current protocol posted/nearby for quick reference		_
•	Surgery and Recovery Record Available		
	Used In Procedures?	Yes	
•	If yes, name of drugs(s)Con	ntrolled drugs u	 used?
•	Gas cylinders immobilized?	monou unugo o	
•	Warning signs visible? MSDS forms poster		
	Calibration of anesthetic equipment – yearly for iso	oflurane	
• !	F-Air weighed/vents open?		
C) Housing/E		Vee	No
	Are cages and housing area clean? Do animals have food and water?	Yes Yes	N o No
	is the lab area clean where procedures performed?		No No
	Are surgical instruments/equipment clean?	Yes	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials Cold sterilization procedures are appropriate	e	
• /	Are sharps containers present? No recapping?	Yes	No
	Hood inspected, if applicable. Inspect. Date?	_Yes	No
• (Guillotine used? If so, inspection date.		
	s Remain in Lab More Than 12 hours	Yes	No
	If yes, duration of housing Who is responsible for caring for the animals?		
	Are carcasses properly disposed of?	Yes_	No
	Any evidence of animal misuse, mistreatment or ne	eglect Yes_	No
Signature			

Date 16

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator				
Protocol #_		Species		
Room #		_		
Site Visit Lab Co	intact	9		
Oile Viole Eab Co	, indoc	· · · · · · · · · · · · · · · · · · ·		
 St Dt St As Ct St B) Are Drugs Use If y Ga 	urgical Nam Co.	red? thing else during surge lse of sterile surgical g y for quick reference _ AvailableContro	ery? loves? Yes N	COZ + HSIVET
 F-A C) Housing/Equ Are Do Is t Are Ho Gu D) Do Animals F Wh Are 	alibration of anesthetic equip Air weighed/vents open? uipment e cages and housing area cle o animals have food and wate the lab area clean where pro- e surgical instruments/equipe Autoclave monitoring proceders of autoclaved in Cold sterilization proceders sharps containers present and inspected, if applicable. It illotine used? If so, inspectively, disposed to its responsible for caring for a carcasses properly disposed to evidence of animal misused.	ean? Y er? Y ocedures performed? Y ment clean? Y rocedures naterials dures are appropriate Y nspect. Date? on date. 2 hours Y or the animals?ed of?	/es N /es N /es N /es N /es N /es N	0 0 0 0 No No
Signature	AMERICAN AND AND AND AND AND AND AND AND AND A			

Date_ 1/6

Investigator				
Protocol #	S	pecies		—
Room #		•	1 m 2 m	- Get
Site Visit Lab	Contact		NY SY (er (
			6 in	13
A) <u>Procedur</u>	Surgical Non-Surgical Survival Non-survival Method of euthanasia	Euthanasia or	- Worsk i	two
	0 · · · · · · · · · · · · · · · · · · ·	e during surgery? _ rile surgical gloves? k reference		
•	If yes, name of drugs(s) © Expiration date(s) Gas cylinders immobilized? Warning signs visible? Calibration of anesthetic equipment – yes	orms posted?	Irugs used?	
•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures Are surgical instruments/equipment clea Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are Are sharps containers present? No recall Hood inspected, if applicable. Inspect. If Guillotine used? If so, inspection date.	an? Yes s appropriate apping? Yes	No No	
•	It yes, duration of housing Who is responsible for caring for the and Are carcasses properly disposed of? Any evidence of animal misuse, mistrea	mals?	Yes No Yes No	_ - -
Signature_	**			

Date //

Investiget			
Investigat			
Protocol #	\$ Species		
Room #			
Site Visit I	Lab Contact		
			V Softmul D)
A) Proce	dures Performed		d So (Court
-	Surgical Non-Surgical		11.
	Survival Non-survival Eutl	nanasia only	V & Michally
	 Method of euthanasia 		•
	Duration of procedure(s)		
	Surgical area clean & uncluttered?		
	 Surgical area not used for anything else during s 		
	Aseptic procedures? Use of sterile surgice.		·
	Current protocol posted/nearby for quick reference		
	Surgery and Recovery Record Available	_	
R) Are Di	rugs Used In Procedures?	Yes	No
1	If yes, name of drugs(s)	103	110
	Expiration date(s)	ontrolled drug	s used?
	Gas cylinders immobilized?	J	
	Warning signs visible? MSDS forms pos	ted?	
	• Calibration of anesthetic equipment – yearly for i	soflurane	_
	F-Air weighed/vents open?		
C) Housi	ing/Equipment		
11003	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
	Is the lab area clean where procedures performe		No
	Are surgical instruments/equipment clean?	Yes	No_
	Autoclave monitoring procedures	_	
	Storage of autoclaved materials		
	Cold sterilization procedures are appropri		
	 Are sharps containers present? No recapping? 	Yes	No
	Hood inspected, if applicable. Inspect. Date?	Yes	No
	Guillotine used? If so, inspection date.		/
)\ Do 4n	imals Remain in Lab More Than 12 hours	Yes	No.
DO AN	If yes, duration of housing	169	No
	 Who is responsible for caring for the animals? 		į
	Are carcasses properly disposed of?	Ye	s No
	Any evidence of animal misuse, mistreatment or its contraction in the street of t		
	y		
Signature			

	IACUC Semi-Annual Site Visits: Research (Please fill out entirely and sign. If not applicate		
loventinator			Doing excern
Investigator		1	n DIEY
Protocol #	Species		
Room #			
Site Visit Lab	Contact		_
A) Procedu	res Performed		
•	Surgical Non-Surgical		
•	Survival Non-survival Eutha o Method of euthanasia	anasia only	_
•	Duration of procedure(s)		
•			
•		rgery?	
•	Aseptic procedures? Use of sterile surgica	l gloves?	
	Current protocol posted/nearby for quick reference		
•	Surgery and Recovery Record Available		
B) Are Drug	s Used In Procedures?	Yes	No
•			_
46 B	If yes, name of drugs(s)Cor	ntrolled drugs u	sed?
	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms poste		
	Calibration of anesthetic equipment – yearly for iso	offurane	
•	F-Air weighed/vents open?		
O) Hamaina	15		
C) Housing	Are cages and housing area clean?	Voo	No
	Do animals have food and water?	Yes Yes	No No
•	Is the lab area clean where procedures performed		No
•	Are surgical instruments/equipment clean?	Yes	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriate		
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No
•	Guillotine used? If so, inspection date.	21.803	
D) <u>Do Anima</u>	ils Remain in Lab More Than 12 hours	Yes	No
•	If yes, duration of housing		
•	Who is responsible for caring for the animals?		
•	Are carcasses properly disposed of?	Yes	_ No
•	Any evidence of animal misuse, mistreatment or ne	eglect Yes	No
Signature			

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator			
Protocol #		Srecies	
Room #			
15000	Operators		
Site Visit Lab	Contact		_
•	Surgical Non-Surgice Non-survivation Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered Surgical area not used for anythin Aseptic procedures? Use Current protocol posted/nearby fo Surgery and Recovery Record Av	Euthanasia only?	
•	If yes, name of drugs(s) o Expiration date(s) Gas cylinders immobilized? Warning signs visible? Calibration of anesthetic equipment F-Air weighed/vents open?	 SDS forms posted?	No used?
•	Equipment Are cages and housing area clean Do animals have food and water? Is the lab area clean where proced Are surgical instruments/equipmen Autoclave monitoring proced Storage of autoclaved mate Cold sterilization procedure Are sharps containers present? No Hood inspected, if applicable. Insp Guillotine used? If so, inspection of	Yes dures performed? Yes ent clean? Yes edures erials es are appropriate o recapping? Yes eect. Date?Yes	No No No No
•	Is Remain in Lab More Than 12 h If yes, duration of housing Who is responsible for caring for th Are carcasses properly disposed of Any evidence of animal misuse, m	ne animals?f? Yes_	No No No No No No No No No No No No No N

Date 14

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator_			
Protocol #	Species		*******
Room #			
Site Visit Lah	Contact		11/2 1,50/6
Offic violi Lab			No work
A) Procedu	res Performed		in lak
•	Surgical Non-Surgical		
•	Survival Non-survival Euthar	nasia only	
	o Method of euthanasia		
•	Duration of procedure(s)		_
•	Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during surg		
•	Aseptic procedures? Use of sterile surgical Current protocol posted/nearby for quick reference		-
•	Surgery and Recovery Record Available		
· ·	Odigery and Necovery Necord Available		
B) Are Drug	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)Cont		_
	Expiration date(s)Conf	rolled drugs us	ed?
•	Gas cylinders immobilized? MSDS forms posted	10	
	Calibration of anesthetic equipment – yearly for isof F-Air weighed/vents open?	iurane	
•	F-All Weighed/Vehis open:		
C) Housing			
•	Are cages and housing area clean?	Yes	No
•			No
•	Is the lab area clean where procedures performed?		No
•	Are surgical instruments/equipment clean? Autoclave monitoring procedures	Yes	No
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriate	.	
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	Yes	No
•	Guillotine used? If so, inspection date.		 /
D) Do Anima	de Romain in Lah Mara Than 12 hours	Yes	No
D) DO Allilla	Ils Remain in Lab More Than 12 hours If yes, duration of housing	162	No
•	Who is responsible for caring for the animals?		
•	Are carcasses properly disposed of?	Yes	No
•	Any evidence of animal misuse, mistreatment or neg		No
_	*		
a:			
Signature			

Date //

Investigator	or	
Protocol #	Species	
Room #		
Site Visit Lal	ah Contact	
ONC VION LON		
A) Procedu	• Surgical Non-Surgical Euthanasia only Method of euthanasia	
•	Surgical Non-Surgical 1	1,
•	Survival Non-survival Euthanasia only / Struct	Videza
	o thethes of estimated	
•	 Duration of procedure(s) Surgical area clean & uncluttered? 	
	Surgical area not used for anything else during surgery?	
•	Aseptic procedures? Use of sterile surgical gloves?	
•	Current protocol posted/nearby for quick reference	
•	Surgery and Recovery Record Available	
B) Are Drug	ugs Used In Procedures? Yes No	
•		
•	<u> </u>	
	 Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane 	
•	F-Air weighed/vents open?	
_	7 / / Weighted verific open:	
	ng/Equipment	
	 Are cages and housing area clean? Do animals have food and water? Yes No 	
•		
•		
	Autoclave monitoring procedures	
	Storage of autoclaved materials	
	Cold sterilization procedures are appropriate	
•	 Are sharps containers present? No recapping? Yes No Hood inspected, if applicable. Inspect. Date? Yes No / 	
•	Guillotine used? If so, inspection date.	
_	- Commontino decar. Il co, inoposition date.	
D) Do Anim	mals Remain in Lab More Than 12 hours Yes No_V	
•	you, and another the above the second of	
•	• Who is responsible for caring for the animals?	
•	 Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or neglect No 	
•	- 7 ary Struction of animal misuse, misureautient of neglect 140	
Signature	All and the second seco	

Date____

Investigator	·				
Protocol #	Species _				
Room #					
Site Visit La	b Contact				
Oile Visit La	D 0011001				
•	Survival Non-survival Euthana o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surge	ery?	trestin esthing		
•	Current protocol posted/nearby for quick reference				
	Surgery and Recovery Record Available				
B) Are Drug		res No)		
•	If yes, name of drugs(s)Contro				
	o Expiration date(s)Contro	olled drugs used?	?		
	Gas cylinders immobilized? MSDS forms posted?				
	Calibration of anesthetic equipment – yearly for isoflu				
	F-Air weighed/vents open?				
C) Housing/Equipment					
The second secon		es No	<u> </u>		
	Is the lab area clean where procedures performed? Y				
•	Are surgical instruments/equipment clean? You Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate				
•		es No			
•	• • • • • • • • • • • • • • • • • • • •	res No			
•	Guillotine used? If so, inspection date.				
D) <u>Do Anim</u>		es <u>No</u>	$\sqrt{}$		
•	If yes, duration of housing	. ,			
•	Are carcasses properly disposed of?	Yes V	No No		
•	Any evidence of animal misuse, mistreatment or negle		No		
Signature					

Date____

Investigator				
Protocol #	Species		,	
Room #		ı		
Site Visit Lab	Contact			
Sile visit Lab	OUTRACE	· · · · · · · · · · · · · · · · · · ·	–	- 1 5
A) Procedu	res Performed		Ahri	in (cst
• ITOCCULI	Surgical Non-Surgical		100	and
•	Survival Non-survival Euth	nanasia only _		
	 Method of euthanasia 			
•	Duration of procedure(s)	 		
•	Surgical area clean & uncluttered?	uraen.2		
•	Surgical area not used for anything else during s Aseptic procedures? Use of sterile surgic			
	Current protocol posted/nearby for quick reference			
	Surgery and Recovery Record Available			
		_		
B) Are Drug	s Used In Procedures?	Yes	No	
•	If yes, name of drugs(s)Co	antrolled drives	d2	
	Gas cylinders immobilized?	ontrolled arugs	used?	
	Warning signs visible? MSDS forms post	red?		
	Calibration of anesthetic equipment – yearly for is			
•	F-Air weighed/vents open?		,	
	· —			
O) !!!	1F			
	/Equipment	Voo	No	
	Are cages and housing area clean? Do animals have food and water?	Yes Yes	No No	
	Is the lab area clean where procedures performed		No	
	Are surgical instruments/equipment clean?	Yes	No	
	Autoclave monitoring procedures			
	Storage of autoclaved materials			
	Cold sterilization procedures are appropria			
•	Are sharps containers present? No recapping?	Yes	No	
•	Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date.	Yes	No	
•	Guillottile used? If so, inspection date.	-		
D) Do Anima	ils Remain in Lab More Than 12 hours	Yes	No	
•	If yes, duration of housing			
•	Who is responsible for caring for the animals?			
•	Are carcasses properly disposed of?	Yes		No
•	Any evidence of animal misuse, mistreatment or r	neglect Yes_	'	No
Signature				

Date_16___

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator				
Protocol #		Species		
Room #				
Site Visit Lab	Contact	_		
One vion Lab				
A) Procedur	Surgical Non-Surgical Non-survival Non-survi	Euthanasia only else during surgery? sterile surgical gloves? uick reference		workup In lab
•	s Used In Procedures? If yes, name of drugs(s) o Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSD Calibration of anesthetic equipment F-Air weighed/vents open?	S forms posted?		_
a.				
C) Housing • • •	Are cages and housing area clean?	clean? Yes ures als are appropriate	No No No No	
•	Hood inspected, if applicable. Inspection data		No	
D) Do Anima • • •	If yes, duration of housing Who is responsible for caring for the Are carcasses properly disposed of? Any evidence of animal misuse, mist	animals?Yes_		o o
Signature				

Date_//6___

Surgical Non-Surgical Non-Surgical Non-survival Non-survi	Eutha	nasia only gery? gloves?		
Surgical Non-Surgical Survival Non-survival o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elements are surgical area not used for anything elements are surgical area not used for anything elements area not used for anything elements area not used for anything elements area not used for anything elements area not used for anything elements are surgical area not used for anything elements are surgical area not used for anything elements are surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area not used for anything elements are surgical area clean & unclustered? Use of surgical area not used for anything elements are surgical area not used	Eutha	nasia only gery? gloves?		ý lust 6
Surgical Non-Surgical Survival Non-survival o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elements are surgical area not used for anything elements are surgical area not used for anything elements area not used for anything elements area not used for anything elements area not used for anything elements area not used for anything elements are surgical area not used for anything elements are surgical area not used for anything elements are surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area clean & unclustered? Use of surgical area not used for anything elements are surgical area clean & unclustered? Use of surgical area not used for anything elements are surgical area not used	Eutha	nasia only gery? gloves?		in last 6
Surgical Non-Surgical Survival Non-survival o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elaseptic procedures? Use of surrent protocol posted/nearby for quesurgery and Recovery Record Availa	Eutha	nasia only gery? gloves?		y last 6
Surgical Non-Surgical Survival Non-survival o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elaseptic procedures? Use of surrent protocol posted/nearby for quesurgery and Recovery Record Availa	Eutha	nasia only gery? gloves?		ı ·
Surgical Non-Surgical Survival Non-survival o Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elaseptic procedures? Use of surrent protocol posted/nearby for quesurgery and Recovery Record Availa	Eutha	gery?		
Survival Non-survival Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything election of section of	Eutha	gery?		
 Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elements Aseptic procedures? Use of surrent protocol posted/nearby for quesurgery and Recovery Record Availa 	lse during sur terile surgical uick reference	gery?		
Surgical area clean & uncluttered? Surgical area not used for anything el Aseptic procedures? Use of s Current protocol posted/nearby for qu Surgery and Recovery Record Availa	lse during sur terile surgical uick reference	gery?		
Surgical area not used for anything el Aseptic procedures? Use of s Current protocol posted/nearby for qu Surgery and Recovery Record Availa	lse during sui terile surgical uick reference	gloves? _		
Aseptic procedures? Use of s Current protocol posted/nearby for qu Surgery and Recovery Record Availa	terile surgical uick reference	gloves? _		
Current protocol posted/nearby for que Surgery and Recovery Record Availa	uick reference	_		
Surgery and Recovery Record Availa		·		
	bie			
Used in Procedures?		Yes	No	
				-
o Expiration date(s)	Con	trolled drug	gs used?	
Gas cylinders immobilized?		•		
Narning signs visible? MSDS	forms posted	d?		
Calibration of anesthetic equipment –	yearly for iso	flurane		
-Air weighed/vents open?				
quipment				
		Yes	No	
		_		
s the lab area clean where procedure	es performed?			
•	•	Yes		-
Autoclave monitoring procedur	res			•
<u> </u>				
-				
·	• • •		No	
		_Yes	No	
Buillotine used? If so, inspection date) .	-		 -
Remain in Lab More Than 12 hour	rs	Yes	No	
	_			
• • • • • • • • • • • • • • • • • • • •	nimals?			
•		Ye	s	No
ny evidence of animal misuse, mistre	eatment or ne	glect Ye		No
	Calibration date(s) Marning signs visible? Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning signs visible. Marning s	f yes, name of drugs(s)Con Gas cylinders immobilized?MSDS forms poster Calibration of anesthetic equipment – yearly for iso Gaicher weighed/vents open? Guipment Are cages and housing area clean? On animals have food and water? In the lab area clean where procedures performed? Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date. Remain in Lab More Than 12 hours Tyes, duration of housing Who is responsible for caring for the animals? are carcasses properly disposed of?	f yes, name of drugs(s) Description date(s) Expiration date(s) MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open? Guipment Are cages and housing area clean? Co animals have food and water? So the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date? Yes Guillotine used? If so, inspection date. Remain in Lab More Than 12 hours Yes Fyes, duration of housing Who is responsible for caring for the animals? Yes Yes Yes Yes Yes Yes Yes Y	f yes, name of drugs(s) Expiration date(s)

Date //6

IACUC Semi-Annual Site Visits: Research Laboratories

Inv	estig ator_			
Pro	tocol #	Species		
	•			
		. 9		
Site	e Visit Lab	Contact		
			F1	entre
A)	<u>Procedur</u>	es Performed		ource
	•	Surgical Non-Surgical	~	
	•	Survival Non-survival Euthar	nasia only	-
	_	Method of euthanasia Duration of procedure(s)		
	•	Duration of procedure(s) Surgical area clean & uncluttered?		_
	•		neru?	
	•		301 A	
	•	Current protocol posted/nearby for quick reference		_
	•	Surgery and Recovery Record Available		
	_	ourgery and recovery record revailable		
B)	Are Drugs	s Used in Procedures?	Yes	No
•	•	ALTERNATION AND ADDRESS OF THE PROPERTY OF THE		
		If yes, name of drugs(s)Cont	rolled drugs u	sed?
		Gas cylinders immobilized?		
		Warning signs visible? MSDS forms posted		
		Calibration of anesthetic equipment – yearly for isof	lurane	
	•	F-Air weighed/vents open?		
CI	Housing	/Equipment		
C)		Are cages and housing area clean?	Yes	No
		Do animals have food and water?	Yes	No
		Is the lab area clean where procedures performed?		No.
		Are surgical instruments/equipment clean?	Yes	No
		Autoclave monitoring procedures		
		Storage of autoclaved materials		
		Cold sterilization procedures are appropriate	<u></u>	
	•	Are sharps containers present? No recapping?	Yes	No
	•	Hood inspected, if applicable. Inspect. Date?	_Yes	No
	•	Guillotine used? If so, inspection date.		
D)	Do Anima		Yes	No √
	•	If yes, duration of housing	<u> </u>	
	•	Who is responsible for caring for the animals?		Al-
	•	Are carcasses properly disposed of?	Yes	No
	•	Any evidence of animal misuse, mistreatment or neg	glect Yes	_ No
Sign	nature			

Date / /

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigat Protocol # Species Room # Site Visit Lab Contact A) Procedures Performed (O) vertise Non-Surgical_ Surgical Euthanasia only Survival Non-survival Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? __ Aseptic procedures? ____ Use of sterile surgical gloves? ___ Current protocol posted/nearby for quick reference _____ Surgery and Recovery Record Available _____ Yes B) Are Drugs Used in Procedures? If yes, name of drugs(s) Controlled drugs used? Expiration date(s) Gas cylinders immobilized? Warning signs visible? ____ MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open? C) Housing/Equipment Are cages and housing area clean? Yes No____ Do animals have food and water? Yes No Is the lab area clean where procedures performed? Yes • Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? No Yes Hood inspected, if applicable. Inspect. Date?____ Yes Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours Yes If yes, duration of housing • Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes No Any evidence of animal misuse, mistreatment or neglect Yes No

Signature

Date //

IACUC Semi-Annual Site Visits: Research Laboratories

Inv	estigator_			
Pro	otocol #		Species _	
	om #		5.1 C C C C C	7
		Contact		
Site	e visit Lad	Contact		
A)	Procedur • •	Surgical Non-Surgica Survival Non-survival	ll \ <o{ ∪raদ ∑ Euthanasia only</o{ ∪raদ 	Dealitation 100
		o Method of euthanasia Duration of procedure(s)		
	•	Surgical area clean & uncluttered?		
	•	Surgical area not used for anything Aseptic procedures? Use of Current protocol posted/nearby for Surgery and Recovery Record Ava	else during surgery? f sterile surgical gloves? quick reference	
B)	Are Drug	s Used In Procedures?	Yes	
ŕ	•	o Expiration date(s) Gas cylinders immobilized?	Controlled dru	ugs used?
		Warning signs visible? MS	DS forms posted?	
	•	Calibration of anesthetic equipment		
~ \		F-Air weighed/vents open?		
C)	Housing	Equipment Are cages and housing area clean?	? Yes	No
	•	Do animals have food and water?	Yes	No
	•	Is the lab area clean where procedu		No
	•	Are surgical instruments/equipment Autoclave monitoring proced Storage of autoclaved mate Cold sterilization procedures	t clean? Yes dures rials	No
	•	Are sharps containers present? No		N o
	•	Hood inspected, if applicable. Inspection definition used? If so, inspection definition definition and inspection definition and inspection definition.	ect. Date?Yes	No
D)	Do Anima • •	Is Remain in Lab More Than 12 ho If yes, duration of housing Who is responsible for caring for the		No
	•	Are carcasses properly disposed of Any evidence of animal misuse, mis	? Y	res No No No
Sign	nature_			<u> </u>

Date_______

Protocol :	Species	
Room #	, .	
Site Visit Lab Contact		
A) Procedures Performed Surgical Non-Surgical Survival Non-survival Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything elements of the surgical area not used for anything elements of the surgical area not used for anything elements of the surgical area not used for anything elements of the surgical area not used for anything elements of the surgical area not used for anything elements of the surgical Use of statements of the surgical	Euthanasia on Lise during surgery? terile surgical gloves? Lick reference Lick r	2,02.j
If yes, name of drugs(s)		·
	Controlled dr	rugs used?
Gas cylinders immobilized?Warning signs visible? MSDS	S forms posted?	
Calibration of anesthetic equipment —		
F-Air weighed/vents open?		
C) Housing/Equipment		
 Are cages and housing area clean? 	Yes	No
Do animals have food and water?	Yes	No
 Is the lab area clean where procedure Are surgical instruments/equipment clean 	· —	No No
Autoclave monitoring procedur		
Storage of autoclaved material		
Cold sterilization procedures a		No
 Are sharps containers present? No red Hood inspected, if applicable. Inspect. 	· · · · —	No No
Guillotine used? If so, inspection date		
	rs Yes	1
D) Do Animals Remain in Lab More Than 12 hour	13 165	No. V
D) Do Animals Remain in Lab More Than 12 hour • If yes, duration of housing		No <u>×</u>
If yes, duration of housingWho is responsible for caring for the a	animals?	
If yes, duration of housing	animals?	No <u></u> Yes No Yes No_

Date //4____

IACUC Semi-Annual Site Visits: Research Laboratories

Investigato	r		
Protocol #_		cies	
Room#	WW.		
Site Visit La	ab Contact		
			<u> </u>
	ures Performed	,	soflware 121
	 Surgical Non-Surgical Survival Non-survival_X_ Method of euthanasia 	Euthanasia only	(software, 121 09/23
	Duration of procedure(s)Surgical area clean & uncluttered?		
	Surgical area not used for anything else dAseptic procedures? Use of sterile		
	 Aseptic procedures? Use of sterile Current protocol posted/nearby for quick re 	-	
	 Surgery and Recovery Record Available		
B) Are Dru	igs Used In Procedures?	Yes	
	If yes, name of drugs(s)		
	o Expiration date(s)	Controlled drug	s used?
	Gas cylinders immobilized?	t-d0	
	Warning signs visible? MSDS form		
	Calibration of anesthetic equipment yearF-Air weighed/vents open?	ly for isoliurarie	⊸ .
	The Weighted Verille open		
***	g/Eguipment		
•	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
	Is the lab area clean where procedures pe		No
•	 Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials 		No
	Cold sterilization procedures are ap	onropriate	
	• Are sharps containers present? No recapp		No
	Hood inspected, if applicable. Inspect. Date	_	No
•	Guillotine used? If so, inspection date.		
D) <u>Do Anir</u>	nals Remain in Lab More Than 12 hours	Yes	No <u>×</u>
	ii yoo, aaraasii oi iioasii g		
•	Who is responsible for caring for the anima		
•	Are carcasses properly disposed of?	<u>Yes</u>	
	Any evidence of animal misuse, mistreatment	ent or neglect Yes	No
Signature			

Date 16

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator			
Protocol #	Species		
Room #			
	•		
Site visit Lab	Contact		
A) Procedu	res Performed		/ 6.1
•	Surgical Non-Surgical Survival Non-survival Euthan	,	10-2
•	Survival Non-survival Euthar	nasia only $\stackrel{ extstyle \sim}{}$	- 0.1/16.00
	 Method of euthanasia 		En and
•	Duration of procedure(s)		
	Surgical area clean & uncluttered?	~~~?	
•	Surgical area not used for anything else during surgestated Aseptic procedures? Use of sterile surgical		
•	Current protocol posted/nearby for quick reference		
	Surgery and Recovery Record Available		
•	Cargory and recovery record revailable		
B) Are Drug	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)		
	If yes, name of drugs(s) o Expiration date(s) Cont	trolied drugs us	sed?
•	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms posted		
	Calibration of anesthetic equipment – yearly for iso	flurane	
•	F-Air weighed/vents open?		
C) Housing			
	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
•	Is the lab area clean where procedures performed?		No
•	Are surgical instruments/equipment clean? Autoclave monitoring procedures	Yes	No
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriate	9	
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No/
•	Guillotine used? If so, inspection date.	-	
D) De Anime	de Demain in Lab Mara Than 42 hours	Van	Na
No. of the last of	If you duration of bousing	Yes	No ✓
•	If yes, duration of housing		
	Are carcasses properly disposed of?	Yes V	No
•	Any evidence of animal misuse, mistreatment or ne		No
_			
Signature			

Date	
------	--

Investigato			
Protocol #			New York Court of Treese
7	Opedes		**************************************
Room #			
Site Visit La	ab Contact		
,	ures Performed Surgical Non-Surgical Survival_ Non-survival Eutha Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered?		10 600
	 Surgical area clean & uncluttered? Surgical area not used for anything else during sur 	raery?	
	Aseptic procedures? Use of sterile surgical		_
	 Current protocol posted/nearby for quick reference 		
	Surgery and Recovery Record Available		
R) Are Dru	gs Used in Procedures?	Yes	No
	o Expiration date(s)Con	ntrolled drugs u	sed?
	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms poster		
•	Calibration of anesthetic equipment – yearly for isc	offurane	
•	F-Air weighed/vents open?		
7.77	g/Equipment	Voc	Na
	Are cages and housing area clean?Do animals have food and water?	Yes	No
,		Yes	No No
,	A series and the Assessment allowed	Yes	No
	Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriat		NO
•	Are sharps containers present? No recapping?	Yes	No
•	, , , , , , , , , , , , , , , , , , ,	Yes	No
•	Guillotine used? If so, inspection date.	-	* (00000):= - y-(0) :
D) Do Anir	nals Remain in Lab More Than 12 hours	Yes	No
,	If yes, duration of housing	_	
•	Who is responsible for caring for the animals?	_	
	Are carcasses properly disposed of?	Yes	No
•	Any evidence of animal misuse, mistreatment or ne	eglect Yes_	No
Signature			

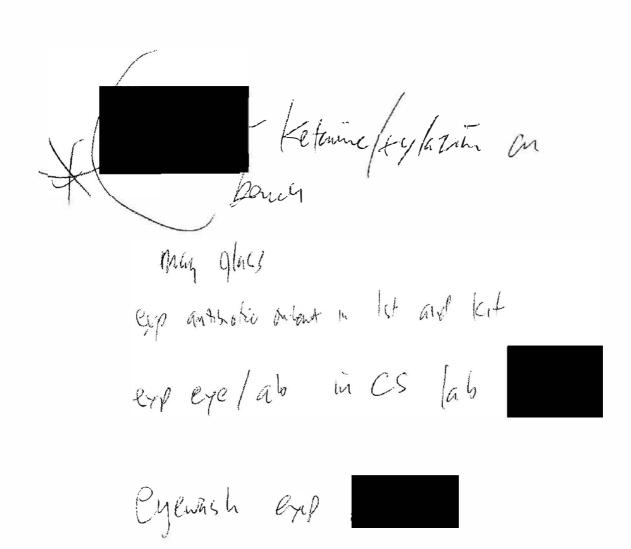
Site Visit Lab			
A) Procedu	res Performed /		all does
•	Surgical Non-Surgical Eutha	anagia anlu	aldrys — Jety
•	Survival Non-survival Eutha o Method of euthanasia	ariasia oriiy	— J.+
•	Duration of procedure(s)		
•	Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during su	rgery?	
	Aseptic procedures? Use of sterile surgica		
	Current protocol posted/nearby for quick reference	_	
•	Surgery and Recovery Record Available		
B) Are Drug	s Used in Procedures?	Yes	No
	If yes, name of drugs(s)Cor		
	 Expiration date(s)Cor 	ntrolled drug	s used?
	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms poste		
	Calibration of anesthetic equipment – yearly for iso	oflurane	_
•	F-Air weighed/vents open?		
C) <u>Housing</u>			
•	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
•			
•	Is the lab area clean where procedures performed	? Yes	No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean?		
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures	? Yes	No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials	? Yes Yes	No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate	? Yes Yes	No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping?	? Yes Yes te	No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate	? Yes Yes	No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriated Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date.	? Yes Yes te Yes Yes	No No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriated Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date.	? Yes Yes te	No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriated Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date. Its Remain in Lab More Than 12 hours If yes, duration of housing	? Yes Yes te Yes Yes	No No No
•	Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriated Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date.	? Yes Yes te Yes Yes	No No No No

Date			

Investigator			
Protocol #		Species	
Room #			
3	Contact		
B) Are Drug	Surgical Non-Surgical Survival Non-survival O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything Aseptic procedures? Use of Current protocol posted/nearby for of Surgery and Recovery Record Avail S Used In Procedures? If yes, name of drugs(s) O Expiration date(s) Gas cylinders immobilized?	else during surgery? sterile surgical gloves? quick reference lable Yes Controlled drug	
C) Housing	Warning signs visible? MSE Calibration of anesthetic equipment F-Air weighed/vents open?	Yes Yes Yes res performed? Yes clean? Yes ures ials	No No No No
•	Are sharps containers present? No a Hood inspected, if applicable. Inspection day.	recapping? Yes ct. Date?Yes	No No
•	If yes, duration of housing	animals?Ye	No es No es No
Signature			

Date 1/8

Drote and W	Crasica
Protocol #	Species
Room #	
Site Visit Lab	Contact
	Carbyas c
A) Procedu	res Performed
•	Non-Constant
•	Survival Non-survival Euthanasia only
	o Method of euthanasia
•	
•	
•	Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves?
	Current protocol posted/nearby for quick reference
	Surgery and Recovery Record Available
	Cangoly and receivery receive remarks
B) Are Drug	s Used In Procedures? Yes No
•	If yes, name of drugs(s)Controlled drugs used?
	o Expiration date(s)Controlled drugs used?
	Gas cylinders immobilized?
	Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane
	F-Air weighed/vents open?
_	Tur voignouvonto oport.
C) <u>Housing</u>	
	Are cages and housing area clean? Yes No
	Do animals have food and water? Yes No
	Is the lab area clean where procedures performed? Yes No Are surgical instruments/equipment clean? Yes No
•	Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) Do Anim	als Remain in Lab More Than 12 hours Yes No
DO AIIIII	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? YesNo
•	Any evidence of animal misuse, mistreatment or neglect Yes No



Date 1

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

	estigator			Harris Samuel - Lands
Pro	otocol #	Species		
Ro	om#			
Sit	e Visit Lab	Contact		
A)	Procedur	es Performed⊿		
-	•	Surgical Non-Surgical		
	•		nasia only	
		o Method of euthanasia		
	•	Duration of procedure(s)		
	•	Surgical area clean & uncluttered?	20213	
	•	Surgical area not used for anything else during surgical Aseptic procedures? Use of sterile surgical		
	•	Current protocol posted/nearby for quick reference		
	•	Surgery and Recovery Record Available		
B)	Are Druge	s Used In Procedures?	Yes <u>X</u>	No
	•	If yes, name of drugs(s)		—, , , , , , , , , , , , , , , , , , ,
			trolled drugs us	sed?
	•	Gas cylinders immobilized?	10	
	•	Warning signs visible? MSDS forms posted Calibration of anesthetic equipment – yearly for iso		
	•	F-Air weighed/vents open?	iluiane	
	-	1 7 in the ignical vertex open.		
C)	Housing	Equipment	Vaa	Na
	•	Are cages and housing area clean? Do animals have food and water?	Yes Yes	No No
	•	Is the lab area clean where procedures performed?	//	No
	•	Are surgical instruments/equipment clean?	Yes 4	No
	•	Autoclave monitoring procedures	103	
		Storage of autoclaved materials		
		Cold sterilization procedures are appropriate		
	•	Are sharps containers present? No recapping?	Yes	No
	•	Hood inspected, if applicable. Inspect. Date? 42	yes ✓	No
	•	Guillotine used? If so, inspection date.		
וח	Do Anima	Is Remain in Lab More Than 12 hours	Yes	No/
U)	DU AIIIIIa	If yes, duration of housing	163	1102
	•	Who is responsible for caring for the animals?	_	
	•	Are carcasses properly disposed of?	Yes	No
	•	Any evidence of animal misuse, mistreatment or ne		No
			_	_

Signature

Clem side with hove alc - special light diet - weighing the conflored box no eye wash test keed - no could an feed untin in Il all Smeared

Investigato			N. C.
Protocol #	Species I		
Room #		ľ	
Site Visit Lab Contact			
			de
A) <u>Procedures Performed</u>		/	- veeds /
Surgical Survival		uthanasia arbu	
	Non-survival El of euthanasia	uthanasia only	- pices
	cedure(s)		Cold is
	ean & uncluttered?		- (15)77
	ot used for anything else during		
• •	ures? Use of sterile surg		
•	l posted/nearby for quick refere covery Record Available	· · · · · · · · · · · · · · · · · · ·	
o Gargery and No		_	
B) Are Drugs Used In Proce		Yes	No
If yes, name of a Expiration	drugs(s) on date(s)	Controlled drugs i	
Gas cylinders in	nmobilized?	Controlled drugs t	18eu ?
	visible? MSDS forms po	osted?	
	nesthetic equipment – yearly fo		
 F-Air weighed/v 	ents open?		
C) Housing/Equipment			
 Are cages and I 	nousing area clean?	Yes	N o
	e food and water?	Yes	No
	clean where procedures perform		No
	truments/equipment clean? /e monitoring procedures	Yes	No
	of autoclaved materials		
	rilization procedures are approp		
•	ainers present? No recapping?		No
•	, if applicable. Inspect. Date? If so, inspection date.	Yes	No
• Guillottile used?	ii so, iiispection date.		
D) Do Animals Remain in La	b More Than 12 hours	Yes	No i
 If yes, duration of 	<u> </u>		
	ible for caring for the animals?_	Vaa	No.
•	properly disposed of? fanimal misuse, mistreatment o	Yes_ or nealect Yes	No No
————	amma misuse, misucatificit t	n neglect 103_	
Signature			

Date 16

IACUC Semi-Annual Site Visits: Research Laboratories

Investigate			1487870 - 487	
Protocol #	[0]	Species		
Room#				
Site Visit Lab	Contact			
A) Procedu	res Performed			,
•		Surgical		107.0
•	Surgical Non-s	survival Euthar	nasia on i y 上	
	o Method of euthanas	ia		
•	Duration of procedure(s) Surgical area clean & unclu			
•	Surgical area not used for a		nerv?	
•	Aseptic procedures?			
•	Current protocol posted/nea			
•	Surgery and Recovery Reco	ord Available		
B) Are Drug	s Used in Procedures?		Yes	No
•	If yes, name of drugs(s) o Expiration date(s)	Cont		
	Gas cylinders immobilized?	Cont	rollea arugs us	sea ?
	Warning signs visible?		?	
	Calibration of anesthetic equ	-		
	F-Air weighed/vents open?			
a > .1				
C) Housing	Are cages and housing area	clean?	Yes	No
	Do animals have food and w		Yes	No
•	Is the lab area clean where	procedures performed?	Yes	No No
•	Are surgical instruments/equ	ipment clean?	Yes	No
	Autoclave monitoring	-		
	Storage of autoclave	d materials cedures are appropriate		
•	Are sharps containers prese	• • • •	Yes	No
•	Hood inspected, if applicable		Yes	No
•	Guillotine used? If so, inspe			
D) Do Anima	ils Remain in Lab More Tha	n 12 hours	Yes	No V
•	If yes, duration of housing_	11 12 110410		110_0
•	Who is responsible for caring	g for the animals?		
	Are carcasses properly dispose		Yes_	No
•	Any evidence of animal misu	use, mistreatment or neg	glect Yes	No
Signature				

Date_______

Investigator	
Protocol#	Species
Room #	1 / 2/2
Site Visit Lab	Contact (2/21 9/26 Deshire)
	124
A) Procedu	res Performed Kithin Kilay
•	Surgical Non-Surgical /
•	Survival Non-survival Euthanasia only o Method of euthanasia
•	Duration of procedure(s) f how regthers
•	Surgical area clean & uncluttered?
•	Surgical area not used for anything else during surgery?
	Aseptic procedures? Use of sterile surgical gloves? 9/28 ##
	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
	s Used In Procedures? Yes No
•	If yes, name of drugs(s)Controlled drugs used?
	o Expiration date(s)Controlled drugs used?
	Gas cylinders immobilized? MSDS forms posted?
	Calibration of anesthetic equipment – yearly for isoflurane
	F-Air weighed/vents open?
C) Housing	/Equipment
	Are cages and housing area clean? Yes No
	Do animals have food and water? Yes No
	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) Do Anima	als Remain in Lab More Than 12 hours Yes No\
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	

Date 16

Investigator_			
Protocol #_	Species		
Room #			
Site Visit Lab	Contact		
		• -	in le
A) Procedur	res Performed	1/4	seconday nellod Kann
•	Surgical Non-Surgical		mellod
•	Survival Non-survival Euthan	nasia only	- 4
	 Method of euthanasia 		King
•	Duration of procedure(s)		
•	Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during surg		
•	Aseptic procedures? Use of sterile surgical of the surgic	-	_
•	Current protocol posted/nearby for quick reference Surgery and Recovery Record Available		
•	Surgery and Necovery Necord Available		
B) Are Drug	s Used in Procedures?	Yes	No
•	If ves, name of drugs(s)		_
	 Expiration date(s)Cont 	rolled drugs us	sed?
•	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms posted		
•	Calibration of anesthetic equipment – yearly for isof	lurane	
•	F-Air weighed/vents open?		
C) Housing	/Equipment		
•		Yes	No
•		Yes	No
•	Is the lab area clean where procedures performed?		No
•	· · · · · · · · · · · · · · · · · · ·	Yes	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriate		
•	, , , , , , , , , , , , , , , , , , , ,	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No
•	Guillotine used? If so, inspection date.		
D) Do Anima	als Remain in Lab More Than 12 hours	Yes	No
•	If yes, duration of housing		No
•	Who is responsible for caring for the animals?	_	/
•	Are carcasses properly disposed of?	Yes V	No
•	Any evidence of animal misuse, mistreatment or neg	glect Yes	No
		-	-2
a: .			
Signature			

Date 6

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Not the 2

ln	estigato.			
		Opposite		
		Species		
Ro	om #			
Sit	e Visit Lab	Contact		
A)	Procedu	res Performed Surgical Non Surgical		
	•	Surgical Non-Surgical Survival Non-survival Euthar		(O2 5)
	•	Duration of procedure(s)		
	•	Surgical area clean & uncluttered?		
	•	Surgical area not used for anything else during surg Aseptic procedures? Use of sterile surgical		
		Current protocol posted/nearby for quick reference		
	•	Surgery and Recovery Record Available		
	-	Cargory and recovery recover realiable		
B)	Are Drug	s Used In Procedures?	Yes	No
•	•	If ves. name of drugs(s)	(I I	
	_	o Expiration date(s) Cont	rollea arugs u	sed?
		Gas cylinders immobilized? MSDS forms posted	10	
		Calibration of anesthetic equipment – yearly for isof		
		F-Air weighed/vents open?	ilularie	
	-	r in veigned/vente open.		
C)	Housing	/Equipment		
		Are cages and housing area clean?	Yes	No
	•	Do animals have food and water?	Yes	No
		Is the lab area clean where procedures performed?	Yes	No
	•	Are surgical instruments/equipment clean?	Yes	No
		Autoclave monitoring procedures		
		Storage of autoclaved materials Cold sterilization procedures are appropriate		
	•	Are sharps containers present? No recapping?	Yes	No
	•	Hood inspected, if applicable. Inspect. Date?	Yes	No
	•	Guillotine used? If so, inspection date.		
D)	Do Anima		Yes	No
	•	If yes, duration of housing	-	
	•	Who is responsible for caring for the animals?		/
	•	Are carcasses properly disposed of?	Yes	No
	•	Any evidence of animal misuse, mistreatment or neg	glect Yes	_ No
		2		

Signature

Date 116___

Protocol # Room # Site Visit Lab Contact Surgical Non-Surgical Euthanasia only 2 O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available B) Are Drugs Used In Procedures? Fundamental Species Species Surgical Formation Euthanasia only 2 Euthanasia only 2 Euthanasia only 3 Euthanasia only 4 Fundamental Species Euthanasia only 4 Fundamental Species Euthanasia only 4 Species Euthanasia only 4 Euthanasia only 5 Euthanasia only 4 Fundamental Species Euthanasia only 4 Euthanasia only 5 Euthanasia only 5 Euthanasia only 6 Euthanasia only 5 Euthanasia only 6 Euthanasia only 7 Euthanasia only 5 Euthanasia only 6 Euthanasia only 7 Euthanasia only 7 Euthanasia only 8 Euthanasia only 9	
Site Visit Lab Contact A) Procedures Performed Surgical Non-Surgical Euthanasia only 2 Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available B) Are Drugs Used In Procedures? If yes, name of drugs(s) Expiration date(s) Controlled drugs used? Warning signs visible? MSDS forms posted?	
A) Procedures Performed Surgical Non-Surgical Euthanasia only 2 Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available B) Are Drugs Used In Procedures? If yes, name of drugs(s) Expiration date(s) Controlled drugs used? Warning signs visible? MSDS forms posted?	
A) Procedures Performed Surgical Non-Surgical Euthanasia only 2 Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available B) Are Drugs Used In Procedures? If yes, name of drugs(s) Euthanasia only 2 Euthanasia only 3 Euthanasia only 4 Post of sterile surgical gloves? Ves No 2 The procedure of the	
Survival Non-survival Euthanasia only ✓ Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available B) Are Drugs Used In Procedures? Yes No If yes, name of drugs(s) Controlled drugs used? Gas cylinders immobilized? Warning signs visible? MSDS forms posted?	
 If yes, name of drugs(s) Controlled drugs used? Gas cylinders immobilized? Warning signs visible? MSDS forms posted? 	24
 If yes, name of drugs(s) Controlled drugs used? Gas cylinders immobilized? Warning signs visible? MSDS forms posted? 	
F-Air weighed/vents open?	
C) Housing/Equipment	
Are cages and housing area clean? Yes No	
Do animals have food and water? Yes No	
is the lab area clean where procedures performed? Yes No	
Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate	
Are sharps containers present? No recapping? Yes No	
Hood inspected, if applicable, Inspect. Date?Yes No	
Guillotine used? If so, inspection date	
Do Animals Remain in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the animals?	
Are carcasses properly disposed of? Yes \(\frac{1}{2} \) No	_
Any evidence of animal misuse, mistreatment or neglect Yes No_ Signature	_

Date 1/6

Inv	estigator			
		Species		
		Species	1	
Ro	om #)	a	
Site	e Visit Lab	Contact		Reof
		1000 The) / Oxus	1 - 1 - 1
A)	Procedur	es Performed	Y	OSCOF
	•	Surgical Non-Surgical		
	•	Survival Non-survival Euthan	asia only	•
	•	Method of euthanasia Duration of procedure(s)		
	•	Surgical area clean & uncluttered?		_
	•	Surgical area not used for anything else during surg	ierv?	
	•	Aseptic procedures? Use of sterile surgical		
	•	Current protocol posted/nearby for quick reference		_
	•	Surgery and Recovery Record Available		
B)	Are Drug		Yes	No
	•	If yes, name of drugs(s)	rolled drugs us	
	_		rollea arugs us	sed?
		Gas cylinders immobilized? MSDS forms posted	2	
	•			
		F-Air weighed/vents open?		
- \		an - ,		
C)		Equipment	Vaa	No
	•	<u> </u>	Yes Yes	No No
	•	Is the lab area clean where procedures performed?		No
	•	•	Yes	No No
		Autoclave monitoring procedures		
		Storage of autoclaved materials		
		Cold sterilization procedures are appropriate		
	•		Yes	No
	•	Hood inspected, if applicable. Inspect. Date?	Yes	No
	•	Guillotine used? If so, inspection date.		
D)	Do Anima	Is Remain in Lab More Than 12 hours	Yes	No
,		If yes, duration of housing		
	•	Who is responsible for caring for the animals?		
	•	Are carcasses properly disposed of?	Yes	_ No
	•	Any evidence of animal misuse, mistreatment or neg	glect Yes	No
Sim	nature			
O18	E			

Date /

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investig	ator		
Protoco		The second secon	
Room #		•	
Site Vis	it Lab Contact		_
			•
A) Pro	cedures Performed		/ isthur
	 Surgical Non-Surgical 		1 / 1 your
	Survival Non-survival Eu Method of euthanasia	ıthanasia only _	<u>V</u>
	Duration of procedure(s)		
	Surgical area clean & uncluttered?		~~~~
	 Surgical area not used for anything else during 	surgery?	
	Aseptic procedures? Use of sterile surg	ical gloves?	
	 Current protocol posted/nearby for quick refere 	nce	
	Surgery and Recovery Record Available		
B) Are	Drugs Used In Procedures?	Yes	No

	If yes, name of drugs(s) Expiration date(s)	Controlled drugs	used?
	 Gas cylinders immobilized? 		
	 Warning signs visible? MSDS forms po 		
	 Calibration of anesthetic equipment – yearly for 	isoflurane	-
	F-Air weighed/vents open?		
C) Hai	using/Equipment		
0/ <u>1100</u>	Are cages and housing area clean?	Yes	No
	 Do animals have food and water? 	Yes	No
	 Is the lab area clean where procedures perform 		No
	 Are surgical instruments/equipment clean? 	Yes	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials	_	
	Cold sterilization procedures are approp	riate	
	 Are sharps containers present? No recapping? 	Yes	No
	Hood inspected, if applicable. Inspect. Date?	Yes	No
	 Guillotine used? If so, inspection date. 		Euro
D) <u>Do A</u>	Animals Remain in Lab More Than 12 hours	Yes_√	No
	If yes, duration of housing		1
	 Who is responsible for caring for the animals? 	<u> </u>	
	 Are carcasses properly disposed of? 	Yes	<u> </u>
	 Any evidence of animal misuse, mistreatment of 	r neglect Yes_	No

Signature_

	01.0	
Investigator		
Protocol # Specie		
Room#_		
Site Visit Lab Contact		
Site visit Lab Contact		_
A) Procedures Performed		
Surgical Non-Surgical		
 Survival Non-survival Eu 	ıthanasia only _	_
o Method of euthanasia		
Duration of procedure(s)Surgical area clean & uncluttered?		
Surgical area not used for anything else during	surgery?	
Aseptic procedures? Use of sterile surg		
 Current protocol posted/nearby for quick refere 		
Surgery and Recovery Record Available		
B) Are Drugs Used In Procedures?	Yes	No
If yes, name of drugs(s)		
If yes, name of drugs(s) Expiration date(s)	Controlled drugs	used?
Gas cylinders immobilized?		
 Warning signs visible? MSDS forms po Calibration of anesthetic equipment – yearly for 		
F-Air weighed/vents open?	isonurarie	-
This weighted vents open:		
C) Housing/Equipment	Voc	No
Are cages and housing area clean?Do animals have food and water?	Yes Yes	No No
 Is the lab area clean where procedures perform 		No
Are surgical instruments/equipment clean?	Yes	No
Autoclave monitoring procedures		
Storage of autoclaved materials	_	
Cold sterilization procedures are approp		
Are sharps containers present? No recapping? I lead increased if applicable frames. Date?	Yes	No
 Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date. 	Yes	No
• Cumotine used: It so, inspection date.	(. 04.000)	
D) Do Animals Remain in Lab More Than 12 hours	Yes	No
If yes, duration of housing		
Who is responsible for caring for the animals?		Nia
 Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or 	Yes	
Any evidence of animal misuse, misueatment of	r neglect Yes	No
Signature		

Date____

Investigator_	
Protocol #	Species
Room #	
Site Visit Lab	Contact
A) <u>Procedur</u>	res Performed
•	Surgical Non-Surgical Non-Surgical
•	Survival Non-survival Euthanasia only o Method of euthanasia
•	Duration of procedure(s)
•	Surgical area clean & uncluttered?
•	Surgical area not used for anything else during surgery?
•	Aseptic procedures? Use of sterile surgical gloves?
•	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
B) Are Drug	s Used In Procedures? Yes X No
-	If yes, name of drugs(s) Vetova ac
	Expiration date(s) 1/21 Controlled drugs used? and 09/22
1	Gas cylinders immobilized? MSDS forms posted?
() () () ()	Calibration of anesthetic equipment – yearly for isoflurane > 2011
West was	F-Air/weighed/vents open?
to die.	
C) Housing	/Equipment
	Are cages and housing area clean? Yes X No
•	Do animals have food and water? Yes No
•	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) Do Anima	lls Remain in Lab More Than 12 hours Arthur Yes X No X
•	If yes, duration of housing over many
•	Who is responsible for caring for the animals? No. 2007-2008-2008-2008-2008-2008-2008-2008-
•	Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or neglect Yes No No No
	7 any oracinos of animal finedoo, finedoaction of floglost
0.	
Signature	

Date_____

Investigator	
Protocol #	Species
Room #	
	b Contact
ORO VIOR LUI	y contact
A) <u>Procedu</u>	<u>ires Performed</u>
•	Surgical Non-Surgical Euthanasia only O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery?
•	Survival Non-survival Euthanasia only V
•	Duration of procedure(s)
•	Surgical area clean & uncluttered?
•	Surgical area not used for anything else during surgery?
•	Aseptic procedures? Use of sterile surgical gloves?
	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
B) Are Drug	gs Used In Procedures? Yes No
•	If yes, name of drugs(s)Controlled drugs used?
	 Expiration date(s)Controlled drugs used?
	Gas cylinders immobilized?
•	Warning signs visible? MSDS forms posted?
•	Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?
	g/Equipment
•	
•	Do animals have food and water? Yes No
•	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No
	Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No Guillotine used? If so, inspection date.
•	Guillotine used: Il su, illispection date.
D) Do Anim	als Remain in Lab More Than 12 hours Yes No
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	
210111110	

Date_____

IACUC Semi-Annual Site Visits: Research Laboratories

(Please fill out entirely and sign. If not applicable, enter N/A) Investigator Species Protocol # Room # Site Visit Lab Contact A) Procedures Performed Surgical Non-Surgical____ Euthanasia only Non-survival____ Survival Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? ___ Use of sterile surgical gloves? Current protocol posted/nearby for quick reference _____ Surgery and Recovery Record Available ___ B) Are Drugs Used In Procedures? Yes If yes, name of drugs(s) Controlled drugs used? Expiration date(s) Gas cylinders immobilized? ___ Warning signs visible? ____ MSDS forms posted? ____ Calibration of anesthetic equipment -- yearly for isoflurane F-Air weighed/vents open? C) Housing/Equipment Are cages and housing area clean? Yes No Do animals have food and water? Yes Is the lab area clean where procedures performed? Yes • Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures ____ Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date? Yes • Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours Yes If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes No

Any evidence of animal misuse, mistreatment or neglect

Signature

Yes

No

Investigato	
Protocol#	Species
Room #	
Site Visit Lab	o Contact
	res Performed Surgical Non-Surgical
•	Survival Non-survival Euthanasia only • Method of euthanasia Duration of procedure(s)
•	Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves?
•	Current protocol posted/nearby for quick reference Surgery and Recovery Record Available
B) Are Drug	If yes, name of drugs(s) Expiration date(s) Output Description: Description: Output
•	Gas cylinders immobilized?
•	Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?
C) Housing	/Equipment
•	Are cages and housing area clean? Yes No Do animals have food and water? Yes No Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No Hood inspected, if applicable. Inspect. Date? Yes No Guillotine used? If so, inspection date.
D) Do Anima •	If yes, duration of housing
•	Are carcasses properly disposed of? Yes No Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	

Date //8____

IACUC Semi-Annual Site Visits: Research Laboratories

(Please fill out entirely and sign. If not applicable, enter N/A) Investigato Species Protocol # Room # Site Visit Lab Contact___ No work in A) <u>Procedures Performed</u> Surgical Non-Surgical Survival Non-survival Euthanasia only Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? _____ Aseptic procedures? ____ Use of sterile surgical gloves? ____ Current protocol posted/nearby for quick reference Surgery and Recovery Record Available _______ Yes B) Are Drugs Used In Procedures? If yes, name of drugs(s) Controlled drugs used?____ Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSDS forms posted? _____ Calibration of anesthetic equipment — yearly for isoflurane F-Air weighed/vents open?____ C) Housing/Equipment Are cages and housing area clean? Yes Do animals have food and water? No Yes Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate _____ Are sharps containers present? No recapping? Yes No Hood inspected, if applicable. Inspect. Date? Yes • Guillotine used? If so, inspection date. D) <u>Do Animals Remain in Lab More Than 12 hours</u> Yes If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes No Any evidence of animal misuse, mistreatment or neglect No

Signature

Date______

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigato			
Protocol#	Species		
Room # _			
Site Visit Lab	Contact		
			1.4 j ~
A) <u>Procedu</u>	res Performed Surgical Non-Surgical Survival Non-survival Euth		Machine
•	Surgical Non-Surgical Survival Non-survival Euth	nanasia only	1
•	Method of euthanasia	ianasia only	- Mour
•	Duration of procedure(s)		- (,
•	Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during s	urgery?	
•	Aseptic procedures? Use of sterile surgic	_	
•	Current protocol posted/nearby for quick reference		
•	Surgery and Recovery Record Available	_	
	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)C		
_	O Expiration date(s)C	ontrollea arug	js usea?
•	Gas cylinders immobilized? MSDS forms post	ted?	
	Calibration of anesthetic equipment – yearly for is		
•	F-Air weighed/vents open?	Solidiane	
C) <u>Housing</u>	/Equipment		
•	Are cages and housing area clean?	Yes	No
•	Do animals have food and water?	Yes	No
•	is the lab area clean where procedures performe		No
•	Are surgical instruments/equipment clean?	Yes	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials Cold sterilization procedures are appropri	oto	
	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	Yes	No
•	Guillotine used? If so, inspection date.		
Do Anima	Ils Remain in Lab More Than 12 hours	Yes	No
•	If yes, duration of housing		
•	Are carcasses properly disposed of?	Ye:	s No
•	Any evidence of animal misuse, mistreatment or i		
_	The control of arminar findado, findadament of t		

Signature_

Date // [

Investigato			
Protocol #_	Species		
Room #			
Site Visit Lab	Contact	,	
0,10 7,010 2010			
A) Procedu	Surgical Non-Surgical Eutha O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during sur	,	Michie down
•	Aseptic procedures? Use of sterile surgical Current protocol posted/nearby for quick reference Surgery and Recovery Record Available	gloves?	_
•	If yes, name of drugs(s) © Expiration date(s) Gas cylinders immobilized? Warning signs visible? Calibration of anesthetic equipment – yearly for iso F-Air weighed/vents open?	d?	No ised?
•		Yes e Yes _Yes	No No No No No
D) Do Anima • • • • • Signature	If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or ne	Yes Yes_ glect Yes_	No No No

Date 1/8

Investigate	or		
Protocol #		Species	
Room # _		,	,
Site Visit L	ab Contact		- Downtie
A) <u>Procee</u>	 dures Performed Surgical Non-Surgical Survival Non-survival 	 Euthanasia d	last 6 mos
	Method of euthanasia Duration of procedure(s)		-
	 Surgical area clean & uncluttered? 		
	• Surgical area not used for anything	else during surgery?	
	Aseptic procedures? Use of		
	Current protocol posted/nearby for of Surgery and Recovery Record Avairable		•
	Surgery and Necovery Necord Avai		
B) Are Dr	ugs Used In Procedures?	Yes_	No
	If yes, name of drugs(s)Expiration date(s)	O a matricular di	
	Gas cylinders immobilized?	Controlled	arugs usea?
	Warning signs visible? MSI	S forms posted?	
	Calibration of anesthetic equipment	•	
	F-Air weighed/vents open?		
C) Housi	ng/Equipment		
lies.	 Are cages and housing area clean? 	Yes_	No
	Do animals have food and water?	Yes_	No
	 Is the lab area clean where procedu 		
	 Are surgical instruments/equipment Autoclave monitoring proced Storage of autoclaved mater 	ures	No
	Cold sterilization procedures	are appropriate	_
	 Are sharps containers present? No 		No
	Hood inspected, if applicable. Inspected.		No
	 Guillotine used? If so, inspection da 	ite	
D) Do Ani	mals Remain in Lab More Than 12 ho	u rs Yes_	No
	If yes, duration of housing		
	 Who is responsible for caring for the 		
	 Are carcasses properly disposed of? 		Yes No
	Any evidence of animal misuse, mis	reatment or neglect	Yes No
Signature			

Date //8

IACUC Semi-Annual Site Visits: Research Laboratories

Invest	igato <u>r_</u>				
Protoc	•	Species			
Room					
	/3	Contact			
OILC V	isit Lab	Contact			
A) <u>Pr</u>	ocedur • •	Surgical Non-Surgical Survival Non-survival Euthanas o Method of euthanasia Duration of procedure(s)	sia only 🏒	1 coz + ca	<i>ب</i>
	•	Duration of procedure(s)		_ Clistozata	
	•	Surgical area clean & uncluttered? Surgical area not used for anything else during surger Aseptic procedures? Use of sterile surgical glo Current protocol posted/nearby for quick reference	ry? oves?		
B) Ar	e Drug		es		
	•		lled drugs us	sed?	
C) H	ueina	/Equipment			
C) <u>_n</u>	•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Ye Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials	es es es	No No No No	
	•	, , , , , , , , , , , , , , , , , , , ,	es es	No No	
D) <u>Do</u>	Anima • • •	Is Remain in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or negle	Yesect Yes	No No _ No	
Signatı	ıre	·			

Date__/\subseteq

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator_			
Protocol#	Species		
	Species		
Room #	1 0 (/	i	
Site Visit Lab	Contact		\
A) Procedur	Surgical Non-Surgical Survival Non-survival Euthanasi O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery Aseptic procedures? Use of sterile surgical glow Current protocol posted/nearby for quick reference Surgery and Recovery Record Available	y? ves?	Latanie) / Superny her) d.
B) Are Drug	s Used In Procedures?	es !	No
•	If yes, name of drugs(s)Controll		
	o Expiration date(s) Controlle	ed drugs use	ed?
•	Gas cylinders immobilized? MSDS forms posted? MSDS forms posted?		
•	Calibration of anesthetic equipment – yearly for isoflura		
•	F-Air weighed/vents open?		
	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes	es	No No No No
D) Do Anima • • • Signature	If yes, duration of housing	Yes	No No

Date_____

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator_	
Protocol#	Chaoine
	Species
Room a	<u> </u>
Site Visit Lab	Contact
A) Procedur	Surgical Non-Surgical Survival_ Non-survival_ Euthanasia only \(\lambda \) \(\lambda \
•	Surgical Non-Surgical
•	Survival Non-survival Euthanasia only (45/ 6 1405
	o Method of euthanasia
•	Duration of procedure(s)
•	Surgical area clean & uncluttered?
•	odigical area flot used for anything else during surgery:
•	Aseptic procedures? Use of sterile surgical gloves?
	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
B) Are Drug	s Used in Procedures? Yes No
	If yes, name of drugs(s) Controlled drugs used?
•	Gas cylinders immobilized?
	Warning signs visible? MSDS forms posted?
	Calibration of anesthetic equipment – yearly for isoflurane
•	F-Air weighed/vents open?
C) Housing	/Equipment
2.00	Are cages and housing area clean? Yes No
	Do animals have food and water? Yes No
•	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No
	Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?YesNo
•	Guillotine used? If so, inspection date.
D) Do Anima	Ils Remain in Lab More Than 12 hours Yes No
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Cianal	
Signature	

Investigato				
Protocol #	Species			
Room#_				
Site Visit L	ab Contact		_	
			.7	16
A) Proced	 Surgical Non-Surgical Euth Survival Euth Method of euthanasia 		Sven	feely
	Surgical Non-Surgical Surgical Non-surgical	amania amb	1	
	 Survival	anasia oniy	_ 70	(histile
	Duration of procedure(s)			
	Surgical area clean & uncluttered?			
	Surgical area not used for anything else during su	ırgery?		
	Aseptic procedures? Use of sterile surgical			
	 Current protocol posted/nearby for quick reference 			
	Surgery and Recovery Record Available	-		
B) Are Dru	ugs Used In Procedures?	Yes	No	
	If yes, name of drugs(s)			
		ntrolled drugs	used?	
	Gas cylinders immobilized?			
	Warning signs visible? MSDS forms poster			
	 Calibration of anesthetic equipment – yearly for is 	oflurane		
,	F-Air weighed/vents open?			
C) Housi	ng/Equipment			
	 Are cages and housing area clean? 	Yes	No	
	 Do animals have food and water? 	Yes	No	
	 Is the lab area clean where procedures performed 		No	
	 Are surgical instruments/equipment clean? 	Yes	No	
	Autoclave monitoring procedures	_		
	Storage of autoclaved materials			
	Cold sterilization procedures are appropria			
•	 Are sharps containers present? No recapping? 	Yes	No	
•	Hood inspected, if applicable. Inspect. Date?	Yes	No	*,
•	Guillotine used? If so, inspection date.			
D) Do Anir	mals Remain in Lab More Than 12 hours	Yes	No V	
/	If yes, duration of housing		1.00	
•	• Who is responsible for caring for the animals?			
•	 Are carcasses properly disposed of? 	Yes_	No_	
•	 Any evidence of animal misuse, mistreatment or n 	eglect Yes_	No_	
Signature				

Date 1/7/1900

IACUC Semi-Annual Site Visits: Research Laboratories

Protocol # Room # Site Visit Lab Contact Non-Surgical	Investigat <u>or</u>	
Room # Site Visit Lab Contact		Species
Site Visit Lab Contact A) Procedures Performed		Species
A) Procedures Performed Surgical Non-Surgical Euthanasia only		<i>₽</i> * #
O Method of euthanasia		
F-Air weighed/vents open? Housing/Equipment Are cages and housing area clean? Yes No Do animals have food and water? Yes No Is the lab area clean where procedures performed? Yes No Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes No Hood inspected, if applicable. Inspect. Date? Yes No Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours Yes No If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes No	B) <u>Are Drug</u> s	O Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available Surgery and Recovery Record Available Surgery and Grugs(s) O Expiration date(s) O Expiration date(s) MSDS forms posted? Use dirianiasia only Lutraniasia only Lutra
Signature	C) Housing/	Are cages and housing area clean? Yes No

Investigator				
Protocol #		Species		
Room #				
Site Visit La	b Contact			
				_
A) <u>Procedi</u>	Surgical No Method of eutha	lon-survival E nasia		<u> </u>
•	Duration of procedure(s Surgical area clean & u Surgical area not used a Aseptic procedures? Current protocol posted Surgery and Recovery I	ncluttered? for anything else during Use of sterile surg /nearby for quick refere	g surgery? gical gloves? ence	- 2019 service
B) Are Dru	gs Used in Procedures?	150	Yes	No
•	If yes, name of drugs(s) Expiration date(s) Gas cylinders immobiliz Warning signs visible? Calibration of anesthetic F-Air weighed/vents open	ed? MSDS forms po c equipment – yearly fo	osted?	used?
O) Hawain				
•	Storage of autoc	nd water? ere procedures perform lequipment clean? oring procedures laved materials	Yes	No No No No
•	Cold sterilization Are sharps containers p Hood inspected, if applic Guillotine used? If so, ir	cable. Inspect. Date?	Yes	No No
D) <u>Do Anim</u>	als Remain in Lab More	Than 12 hours	Yes	No
•	If yes, duration of housing Who is responsible for contracting the second secon	ng aring for the animals?_		
•	Are carcasses properly of Any evidence of animal		Yes or neglect Yes	
Signature				

Investigator_			
Protocol #	S	Species	****
Room #			-
	- Contact		
Site Visit Lab	o Contact		-
A) <u>Procedu</u> •	res Performed Surgical Non-Surgical Survival Non-survival		
	Method of euthanasia		W ₂
•			
•	Surgical area clean & uncluttered? Surgical area not used for anything els		
•	Aseptic procedures? Use of ste		
•	Current protocol posted/nearby for qui		_
•	Surgery and Recovery Record Availab		
B) Are Drug	s Used In Procedures?	Yes	No
•	o Expiration date(s)	Controlled drugs u	sed?
•	Gas cylinders immobilized? MSDS	forms nosted?	
	Calibration of anesthetic equipment – y		
	F-Air weighed/vents open?		
C) Havein-	. (E		
C) Housing	<u>a/Equipment</u> Are cages and housing area clean?	Yes	No
•	Do animals have food and water?	Yes	No
•	Is the lab area clean where procedures	· 	No
•	Are surgical instruments/equipment cle Autoclave monitoring procedure Storage of autoclaved materials	es	No
•	Cold sterilization procedures are Are sharps containers present? No rec	· · · · — · —	No
•	Hood inspected, if applicable. Inspect. Guillotine used? If so, inspection date.	Date?Yes	No
D) <u>Do Anima</u>	als Remain in Lab More Than 12 hours If yes, duration of housing	Yes	No >
•	Who is responsible for caring for the ar	nimals?	
•	Are carcasses properly disposed of?	Yes	No
•	Any evidence of animal misuse, mistrea	atment or neglect Yes_	No
Signature			

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A) Investigato Protocol# **Species** Room # Site Visit Lab Contact A) Procedures Performed Surgical____ Non-Surgical Non-survival___ Euthanasia only \(\sqrt{\chi_2} \) Survival Method of euthanasia Duration of procedure(s) _ Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? _____ Aseptic procedures? ____ Use of sterile surgical gloves? Current protocol posted/nearby for quick reference _____ Surgery and Recovery Record Available B) Are Drugs Used In Procedures? Yes If yes, name of drugs(s) Controlled drugs used?____ Expiration date(s)___ Gas cylinders immobilized? Warning signs visible? _____ MSDS forms posted? _____ Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?____ C) Housing/Equipment Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Yes \(\sqrt{} \) Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes: No Hood inspected, if applicable. Inspect. Date?____ Yes • Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes No Any evidence of animal misuse, mistreatment or neglect

Yes____ No

Date 1/7___

Investigato			
Protocol #	Sp	pecies	· •
Room #			
0.00	,	,	
Site Visit Lab	Contact		-
•	Surgical Non-Surgical Non-survival Non-survi	Euthanasia only e during surgery? rile surgical gloves? k reference	
B) Are Drug	s Used In Procedures? If yes, name of drugs(s) © Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSDS for Calibration of anesthetic equipment — yes F-Air weighed/vents open?	Yes Controlled drugs u	No used?
•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures Are surgical instruments/equipment clea Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are Are sharps containers present? No reca Hood inspected, if applicable. Inspect. D Guillotine used? If so, inspection date.	an? Yes s appropriate apping? Yes	No No No No No
D) <u>Do Anima</u> • • • • • Signature	If yes, duration of housing Who is responsible for caring for the ani Are carcasses properly disposed of? Any evidence of animal misuse, mistrear	mals?Yes_	No No No

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigator_			
Protocol#	Species		
Room #			
Site Visit Lab	Contact		
A) <u>Procedur</u>	res Performed Surgical Non-Surgical Survival Non-survival Euthana o Method of euthanasia		Kelvalar
•	Survival Non-survival Euthana o Method of euthanasia	asia only	tapeny YE
•	Duration of procedure(s) Surgical area clean & uncluttered?		
•	Surgical area clean & uncluttered?	on/2	
	Surgical area not used for anything else during surge Aseptic procedures? Use of sterile surgical g		
•	Current protocol posted/nearby for quick reference _		-
	Surgery and Recovery Record Available		
•	Ourgery and Necovery Necord Available		
B) Are Drugs	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)Control		<u> </u>
	 Expiration date(s)Control 	olled drugs us	ed?
	Gas cylinders immobilized?		
	Warning signs visible? MSDS forms posted?		
	Calibration of anesthetic equipment – yearly for isoflu	urane	
•	F-Air weighed/vents open?		
C) Housing/	<u>/Equipment</u>		
		/es	No
			No
	Is the lab area clean where procedures performed?		No
•	• • •	/es	No
	Autoclave monitoring procedures		
	Storage of autoclaved materials Cold sterilization procedures are appropriate		
	, , , , , , , , , , , , , , , , , , , ,	 /es	No
•	· · · · · · · · · · · · · · · · · · ·	Yes	No
•	Guillotine used? If so, inspection date.	163	NO
· ·	Cumotine used: 11 so, inspection date.	***************************************	
D) Do Anima	als Remain in Lab More Than 12 hours	/es	No V
•	If yes, duration of housing	_	:
•	Who is responsible for caring for the animals?		<u>/</u>
•	Are carcasses properly disposed of?	Yes ₁ /	No
•	Any evidence of animal misuse, mistreatment or negl	lect Yes <u>"</u>	No

Date // 7

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigator_		
Protocol #	Species	
Room #		
-	Combook	
Site Visit Lab	Contact	
. /	res Performed Surgical Non-Surgical Survival Non-survival Euthanasia only o Method of euthanasia Duration of procedure(s)	WHY way
•	Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference	_
•	If yes, name of drugs(s) Controlled drugs us Gas cylinders immobilized? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?	No ed?
•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Yes Yes	No No No No No
•	Guillotine used? If so, inspection date. Als Remain in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the animals?	No
•	Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or neglect Yes	No No

Date 1 7 2

Investigator			
Protocol #	Spe	cies	
Room #			
Site Visit Lab	Contact		2
A) Procedu	Surgical Non-Surgical	Euthanasia only	60010n
•	Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else of	<u> </u>	_
	Aseptic procedures? Use of sterile Current protocol posted/nearby for quick surgery and Recovery Record Available _	e surgical gloves? reference	-
•	If yes, name of drugs(s) © Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSDS for Calibration of anesthetic equipment – year F-Air weighed/vents open?	ms posted?	
•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures per Are surgical instruments/equipment clean Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are a Are sharps containers present? No recapt Hood inspected, if applicable. Inspect. Da Guillotine used? If so, inspection date.	Yes erformed? Yes ? Yes ppropriate ping? Yes	No No No No No
•	If yes, duration of housing Who is responsible for caring for the anim Are carcasses properly disposed of? Any evidence of animal misuse, mistreatm	als?Yes	No No No
Signature			

	1/-	
Date	_{///	

IACUC Semi-Annual Site Visits: Research Laboratories

(Please fill out entirely and sign. If not applicable, enter N/A)

Investigator	
Protocol #	Species
	Species
Room #	
Site Visit Lab	o Contact
A) Procedu	res Performed
A) Flocedu	res Performed Surgical Non-Surgical Survival Non-survival Euthanasia only 🔀 1
•	Survival Non-survival Euthanasia only
	Method of euthanasia
•	Duration of procedure(s)
•	Surgical area clean & uncluttered? Surgical area not used for anything else during surgery?
•	Aseptic procedures? Use of sterile surgical gloves?
•	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
R) Are Drug	s Used In Procedures? Yes No
	If ves. name of drugs(s)
	If yes, name of drugs(s)Controlled drugs used?
•	Gas cylinders immobilized?
	Warning signs visible? MSDS forms posted?
•	Calibration of anesthetic equipment – yearly for isoflurane
•	F-Air weighed/vents open?
C) Housing	
•	, 10
	Do animals have food and water? Yes No Is the lab area clean where procedures performed? Yes No
	Are surgical instruments/equipment clean? Yes No
•	Autoclave monitoring procedures
>	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) Do Anima	als Remain in Lab More Than 12 hours Yes No
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No

Date 2 1/7

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator			
Protocol #_	Species		
Room #		_	,
Site Visit Lab	Contact		
One viole cas			
A) Procedu	res Performed /		
•	Surgical Non-Surgical		
•	Survival Non-survival Eutha	nasia only	_
	o Method of euthanasia	17 182	
•	Duration of procedure(s)		
•	Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during sur Aseptic procedures? Use of sterile surgical		
•	Current protocol posted/nearby for quick reference		_
•	Surgery and Recovery Record Available		
·	Surgery and Resortery Resorter Available	- (
B) Are Drug	s Used In Procedures? If yes, name of drugs(s)	Yes	No
•		カデ	_ //
	7	trolled drugs u	sed?
•	Gas cylinders immobilized?		
•	Warning signs visible? MSDS forms posted		
•	Calibration of anesthetic equipment – yearly for iso	riurane <u>~ ~</u>	+
•	F-Air weighed/vents open?		
		/	
C) Housing	/Equipment		
•	Are cages and housing area clean?	Yes	No
•		Yes	No
•	is the lab area clean where procedures performed?	· · ·	No
•	Are surgical instruments/equipment clean?	Yes	No
	Autoclave monitoring procedures Storage of autoclaved materials		
	Cold sterilization procedures are appropriate	_ /	
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	Yes /	No No
•	Guillotine used? If so, inspection date.		
			\
D) Do Anima	Ils Remain in Lab More Than 12 hours	Yes	No <u>X</u>
•	If yes, duration of housing	_	<u></u>
•	Who is responsible for caring for the animals?	Voc 17	/No
•	Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or ne	Yes_ glect Yes	- NO No
•	The state of animal misuse, misucaunent of he	giect res	_ 140
Signature			

Investigator_				
Protocol #	Species	_		
Room #				
Site Visit Lab	Contact		-	
			A)	,
A) Procedu	res Performed		No works _ Comos	Į
•	Surgical Non-Surgical Survival Non-survival Eutha	nasia only	l'a mos	
•	Method of euthanasia	ilasia Olliy	_ (2 -	
•	Duration of procedure(s)	· · · · · · · · · · · · · · · · · · ·		
•	Surgical area clean & uncluttered?			
•	Surgical area not used for anything else during sur	gery?		
	Aseptic procedures? Use of sterile surgical Current protocol posted/nearby for quick reference			
•	Surgery and Recovery Record Available			
	Cargory and receivery receive retainable			
B) Are Drug	s Used In Procedures?	Yes	No	
•	If yes, name of drugs(s)Con	4	10	
•	Gas cylinders immobilized?Con	trollea arugs u	isea?	
•	Warning signs visible? MSDS forms posted	17		
	Calibration of anesthetic equipment – yearly for iso			
	F-Air weighed/vents open?			
C) Housing	Fauinment			
	Are cages and housing area clean?	Yes	No	
	Do animals have food and water?	Yes	No	
•	is the lab area clean where procedures performed?		No	
•	Are surgical instruments/equipment clean?	Yes	No	
	Autoclave monitoring procedures Storage of autoclaved materials			
	Cold sterilization procedures are appropriate	a		
•	Are sharps containers present? No recapping?	Yes	No	
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No	
•	Guillotine used? If so, inspection date.	9		
D) Do Anime	de Bemein in Leh Mere Then 42 heurs	Voc	No	
DO Anima	Ils Remain in Lab More Than 12 hours If yes, duration of housing	Yes	No	
•	Who is responsible for caring for the animals?	_		
•	Are carcasses properly disposed of?	Yes_	No	
•	Any evidence of animal misuse, mistreatment or ne	glect Yes_	No	
Signature				

Date________

łn۱	estigator_				
	otocol #	Ů,	Species		
	20		opeoico _)	
	om #]		, ,		
Sit	e Visit Lal	b Contact			
A)	Procedu	o Method of euthanasia	Euthanasia	. ——	Sprane 2/21
	•	Surgical area not used for anything of Aseptic procedures? Use of Current protocol posted/nearby for a Surgery and Recovery Record Available.	else during surgery? sterile surgical glove uick reference	? es?	
B)	Are Drug	<u>qs Used in Procedures?</u>	Yes	No_	
	•	If yes, name of drugs(s) o Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSD Calibration of anesthetic equipment F-Air weighed/vents open?	S forms posted?		
~ \		-1F			
C)	•	A/Equipment Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedure Are surgical instruments/equipment of Autoclave monitoring procedured Storage of autoclaved matericals.	clean? Yes_ ures als	No_ No_	_ _
	•	Cold sterilization procedures Are sharps containers present? No re Hood inspected, if applicable. Inspection date Guillotine used? If so, inspection date	ecapping? Yes_ tt. Date?Yes_		_
D/	Do Anim	als Remain in Lab More Than 12 hou	u rs Yes_	No	
D)	•	If yes, duration of housing	animals?	Yes L	Mo -
Sin	nature	Any evidence of animal misuse, mist	reatment or neglect	Yes	No

Date / / 7

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigator Species Protocol # Room # Site Visit Lab Contact A) Procedures Performed Surgical Non-Surgical Survival Non-survival Euthanasia only Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? ____ Use of sterile surgical gloves? ___ Current protocol posted/nearby for quick reference Surgery and Recovery Record Available Yes B) Are Drugs Used In Procedures? If yes, name of drugs(s) Controlled drugs used? Expiration date(s) Gas cylinders immobilized? Warning signs visible?
 MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane ____ F-Air weighed/vents open?____ C) Housing/Equipment Are cages and housing area clean? Yes Do animals have food and water? Yes Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date? • Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours Yes If yes, duration of housing • Who is responsible for caring for the animals?_ Are carcasses properly disposed of? No 1 Yes Any evidence of animal misuse, mistreatment or neglect Yes

Investiga	ito			
Protocol	# Species _		<u>,</u>	
Room #				
Site Visit	Lab Contact			
	edures Performed Surgical Non-Surgical Eut Method of euthanasia			1
A) Proc	edures Performed		NO AMbound G	v1C-
	Surgical Non-Surgical		· ·	1 . 71
	Survival Non-survival Eut	thanasia only	1 (-	1 Come
	Duration of procedure(s)			
	Surgical area clean & uncluttered?			
	Surgical area not used for anything else during			
	 Aseptic procedures? Use of sterile surgi Current protocol posted/nearby for quick reference 	-		
	Surgery and Recovery Record Available			
	• Surgery and Necovery Necold Available	_		
B) Are [Orugs Used in Procedures?	Yes	No	
	If yes name of drugs(s)			
	o Expiration date(s)C	controlled dru	igs used?	
	Gas cylinders immobilized?			
	Warning signs visible? MSDS forms pos			
	Calibration of anesthetic equipment – yearly for	isoflurane		
	F-Air weighed/vents open?			
C) Hous	sìng/Equipment			
- Alexandra	Are cages and housing area clean?	Yes	No	
	Do animals have food and water?	Yes	No	
	Is the lab area clean where procedures performed	ed? Yes	No	¥1
	 Are surgical instruments/equipment clean? 	Yes	No	
	Autoclave monitoring procedures	-		
	Storage of autoclaved materials	<u>.</u>		
	Cold sterilization procedures are approprAre sharps containers present? No recapping?	Yes	No	
	 Hood inspected, if applicable. Inspect. Date? 	Yes	No No	
	 Guillotine used? If so, inspection date. 	165	140	
	Camoune asca: if so, inspection date.	\$ = -3/E		
D) <u>Do A</u> i	nimals Remain in Lab More Than 12 hours	Yes	No	
97.146.5500	If yes, duration of housing			
	 Who is responsible for caring for the animals? 		~~	_
	 Are carcasses properly disposed of? 		es No	_
	 Any evidence of animal misuse, mistreatment or 	neglect Y	es No	
Sionature				

Date //7___

Investigator			
Protocol #	Species		
	Openes		
Room#			
Site Visit Lat	Contact		_
A) Procedu	res Performed		
•	Surgical Non-Surgical		
•	Survival Non-survival Eutha	nasia only	-
	Method of euthanasia Duration of procedure(s)		
•	Duration of procedure(s)Surgical area clean & uncluttered?		
•	Surgical area not used for anything else during sur	rgery?	
•	Aseptic procedures? Use of sterile surgical		
•	Current protocol posted/nearby for quick reference		
•	Surgery and Recovery Record Available		
	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)Con	trolled druge u	
•	Gas cylinders immobilized?	ittolled drugs u	iseu?
	Warning signs visible? MSDS forms poste	43	
	Calibration of anesthetic equipment – yearly for iso		
	F-Air weighed/vents open?		
C) Housing			
	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
•	Is the lab area clean where procedures performed?		No
•	Are surgical instruments/equipment clean? Autoclave monitoring procedures	Yes	No
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriat	e	
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No
•	Guillotine used? If so, inspection date.		
		. 1/	
D) Do Anima	als Remain in Lab More Than 12 hours	Yes	No
•	If yes, duration of housing		
•	Who is responsible for caring for the animals?	Yes	No No
•	Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or ne		
•	Any evidence of animal misuse, inistreament of he	Sylect Tes	_ ''''
Signature			

Investigator			
Investigator			
Protocol :	Species		
Room#			
Site Visit Lab	Contact		
A) Procedu	res Performed		
•	Surgical Non-Surgical		
•		nasia only	-
_	Method of euthanasia Duration of procedure(s)		001 / 100
•	Surgical area clean & uncluttered?		_ Mi giratue
•	Surgical area rot used for anything else during sur	mery?	city again
•	Aseptic procedures? Use of sterile surgical		
•			
•			
B) Are Drug	s Used In Procedures?	Yes	No
•	If yes, name of drugs(s)Con	trolled druge u	
	Gas cylinders immobilized?	trolled drugs u	sea r
	Warning signs visible? MSDS forms posted	42	
	Calibration of anesthetic equipment – yearly for iso		
	F-Air weighed/vents open?		
C) Housing		V	Ma
	Are cages and housing area clean?	Yes	No
	Do animals have food and water?	Yes	No
	Is the lab area clean where procedures performed? Are surgical instruments/equipment clean?	Yes	No No
•	Autoclave monitoring procedures	103	140
	Storage of autoclaved materials		
	Cold sterilization procedures are appropriate	e	
•	Are sharps containers present? No recapping?	Yes	No
•	Hood inspected, if applicable. Inspect. Date?	_Yes	No
•	Guillotine used? If so, inspection date.		- Landa - Company
D\ Do Anim	ale Romain in Lah Mara Than 12 haure	Yes 1/	No
D) DO Anina	Is Remain in Lab More Than 12 hours If yes, duration of housing	165_2	3
•	Who is responsible for caring for the animals?	-166 SAH	
•	Are carcasses properly disposed of?	Yes	No
•	Any evidence of animal misuse, mistreatment or ne		No
		_	
Signature			

Date________

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator			
Protocol #		Species	
Room#			
	Contact		
A) <u>Procedur</u>	res Performed		Che
•	Surgical Non-Surgical Survival Non-survival o Method of euthanasia	_ Euthanasia onl 	
•	Duration of procedure(s) Surgical area clean & uncluttered?		
•	Surgical area clean & diricultered? Surgical area not used for anything els Aseptic procedures? Use of ste Current protocol posted/nearby for qui	se during surgery? erile surgical gloves?	
•	Surgery and Recovery Record Availab	le	
•	If yes, name of drugs(s) Expiration date(s) Gas cylinders immobilized? Warning signs visible? Calibration of anesthetic equipment – y F-Air weighed/vents open?	forms posted?	ugs used?
•	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures Are surgical instruments/equipment cle Autoclave monitoring procedure Storage of autoclaved materials Cold sterilization procedures are	ean? Yes es s e appropriate	No No No
•	Are sharps containers present? No rec Hood inspected, if applicable. Inspect. Guillotine used? If so, inspection date.	Date?Yes	No No
D) <u>Do Anima</u> • •	It seems in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the ar Are carcasses properly disposed of? Any evidence of animal misuse, mistre	nimals?	No /es No /es No
Signature			

Date____

Investigat	ta		
Protocol a			
Room #			
Site Visit	Lab Contact		_
A) <u>Proce</u>	Surgical Non-Surgical Survival Non-survival Euthate Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during survival area rotocol posted/nearby for quick reference.	rgery? il gloves?	1670
	Surgery and Recovery Record Available		
B) <u>Are D</u>	If yes, name of drugs(s)	ed?	No used?
C) <u>Hous</u>	 ing/Equipment Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials 	Yes Yes ? Yes Yes	No No No No
D) <u>Do An</u>	Cold sterilization procedures are appropria Are sharps containers present? No recapping? Hood inspected, if applicable. Inspect. Date? Guillotine used? If so, inspection date. Imals Remain in Lab More Than 12 hours If yes, duration of housing	te Yes Yes Yes	No No No
Signature	 Who is responsible for caring for the animals? Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or no 	Yes_ eglect Yes_	No No

Date 1/2/2=

Investigate	
Protocol #	
	Species
Room#_	
Site Visit L	ab Contact
	Surgical Non-Surgical Euthanasia only Survival Non-survival Euthanasia only Method of euthanasia Survival Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? Current protocol posted/nearby for quick reference Surgery and Recovery Record Available ugs Used In Procedures? Fyes No Expiration date(s) Expiration date(s) Controlled drugs used? Warning signs visible? MSDS forms posted?
	Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open? No
Signature	Are carcasses properly disposed of? Yes No Any evidence of animal misuse, mistreatment or neglect Yes No

IACUC Semi-Annual Site Visits: Research Laboratories

Investigato	
Protocol #	Species
Room #	
-	Contact
Site Visit Lab	Contact
A) Procedu	res Performed Surgical Non-Surgical
•	Survival Non-survival Euthanasia only o Method of euthanasia
•	Duration of procedure(s)
•	Surgical area clean & uncluttered?
•	Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves?
•	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
B) Are Drug	s Used In Procedures? 1 /h - S - C Yes - No
•	o Expiration date(s) 17 7 2 Controlled drugs used?
•	Gas cylinders immobilized?
•	Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane
•	F-Air weighed/vents open?
`	<u> </u>
C) Housing	(Equipment
•	Are cages and housing area clean? Yes No No
•	Do animals have food and water? Yes , No
•	Is the lab area clean where procedures performed? Yes No
•	Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No Guillotine used? If so, inspection date.
D) Do Anima	als Remain in Lab More Than 12 hours Yes No 1
•	If yes, duration of housing
	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator		
Protocol #	Species	
Room #		: : : : : : : : : : : : : : : : : : :
Site Visit Lab	., Contact	
OILC VIOIL LUD		
•	Surgical Non-Surgical Survival Non-survival Euthanasia only o Method of euthanasia	_
•	Surgery and Recovery Record Available Subsettine Procedures? If yes, name of drugs(s) Expiration date(s) Subsettine Procedures? Controlled drugs use Controlled drugs	No ed?
C) Housing	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Yes	No No No No No
		No
Signature		

Date / /

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator	
Protocol #	pecies
Room #)
Site Visit Lab	b Contact
A) Procedu	Surgical Non-Surgical Euthanasia only
•	o Method of euthanasia
•	
•	p
	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
	If yes, name of drugs(s) O Expiration date(s) Gas cylinders immobilized? Yes No 3 of lune Controlled drugs used? Controlled drugs used?
•	o Expiration date(s)Controlled drugs used?
	o Expiration date(s) Controlled drugs used?
•	Gas cylinders immobilized? MSDS forms posted?
	Calibration of anesthetic equipment – yearly for isoflurane
	F-Air weighed/vents open?
_	Carling open.
	F-Air weighed/vents open?
C) Housing	<u> </u>
	Are cages and housing area clean? Yes No
•	Do animals have food and water? YesNo
•	Is the lab area clean where procedures performed? Yes No Are surgical instruments/equipment clean? Yes No
•	Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date?Yes No
•	Guillotine used? If so, inspection date.
D) <u>Do Anima</u>	als Remain in Lab More Than 12 hours Yes No V
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	

	estigator,	
Prot	tocol#Species	
Roo	om #	
Site	Visit Lab Contact	
A) <u>I</u>	Surgical Non-Surgical Euthanasia only Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery?	tudy as
	 Aseptic procedures? Use of sterile surgical gloves? _ Current protocol posted/nearby for quick reference Surgery and Recovery Record Available 	
B) <u>/</u>	Are Drugs Used In Procedures? If yes, name of drugs(s) Controlled dru Gas cylinders immobilized? Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?	gs used?
C) _	Are cages and housing area clean? Do animals have food and water? Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date? Yes Guillotine used? If so, inspection date.	No No No No
D) <u>[</u>	On Animals Remain in Lab More Than 12 hours If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes	No No es No No
Signa	nature	

Date_______

IACUC Semi-Annual Site Visits: Research Laboratories

(Please fill out entirely and sign. If not applicable, enter N/A)

Investigator			
Protocol #	Spe	cies L	
Room #		•	
Site Visit Lab Contact			
A) Procedures Performe	ed		civilate cranquir - collect eggs
Surgical	Non-Surgical		GENG Wir
Survival		Euthanasia only _	
	hod of euthanasia		lo yest eggs
	procedure(s)		
_	ea clean & uncluttered?e ea not used for anything else o		
	cedures? Use of sterile		
	tocol posted/nearby for quick		
•	d Recovery Record Available		
	•		
B) Are Drugs Used In Pr		Yes	No
If yes, name Fyri	e of drugs(s) ration date(s)	Controlled drugs	uood?
	ration date(s) rs immobilized?	Controlled drugs	useu /
	ns visible? MSDS for	ms posted?	
	of anesthetic equipment – yea	• — —	
	ed/vents open?	<i>.</i> —–	
C) Housing/Equipment			
	nd housing area clean?	Yes	No
	have food and water?	Yes	No
	ea clean where procedures pe		No
	instruments/equipment clean		No
	clave monitoring procedures		
	age of autoclaved materials	about to	
	sterilization procedures are a containers present? No recap	· · · · ———	No
•	cted, if applicable. Inspect. Da		No No
-	sed? If so, inspection date.		
	n Lab More Than 12 hours	Yes!	No
•	ion of housing		
•	onsible for caring for the anim		N
	es properly disposed of?	Yes_	No
Any evidence	e of animal misuse, mistreatm	nent or neglect Yes_	No
Signature			

(Please fill out entirely and sign. If not applicable, enter N/A) Investigator Protocol# Room # No work in Site Visit Lab Contact A) Procedures Performed Surgical Non-Surgical Survival Non-survival Euthanasia only Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? Aseptic procedures? ____ Use of sterile surgical gloves? ____ Current protocol posted/nearby for quick reference Surgery and Recovery Record Available Yes___ B) Are Drugs Used In Procedures? If yes, name of drugs(s) Controlled drugs used? Expiration date(s) Gas cylinders immobilized? Warning signs visible? _____ MSDS forms posted? _____ Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open? C) Housing/Equipment Are cages and housing area clean? Yes Do animals have food and water? Yes Is the lab area clean where procedures performed? Yes Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date?____ • Guillotine used? If so, inspection date. D) Do Animals Remain in Lab More Than 12 hours Yes If yes, duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Yes Any evidence of animal misuse, mistreatment or neglect Yes Signature

IACUC Semi-Annual Site Visits: Research Laboratories

IACUC Semi-Annual Site Visits: Research Laboratories (Please fill out entirely and sign. If not applicable, enter N/A)

Investigate Species Protocol# Room # Site Visit Lab Contact Vetame / Alphan A) Procedures Performed Surgical Non-Surgical Euthanasia only Survival Non-survival Method of euthanasia Duration of procedure(s) Surgical area clean & uncluttered? Surgical area not used for anything else during surgery? _____ Aseptic procedures? ____ Use of sterile surgical gloves? ____ Current protocol posted/nearby for quick reference _____ Surgery and Recovery Record Available _____ Yes B) Are Drugs Used In Procedures? If yes, name of drugs(s) Controlled drugs used? Expiration date(s) Gas cylinders immobilized? Warning signs visible? MSDS forms posted? Calibration of anesthetic equipment – yearly for isoflurane F-Air weighed/vents open?____ C) Housing/Equipment Are cages and housing area clean? Yes Do animals have food and water? Yes Is the lab area clean where procedures performed? Yes____ Are surgical instruments/equipment clean? Yes Autoclave monitoring procedures Storage of autoclaved materials Cold sterilization procedures are appropriate Are sharps containers present? No recapping? Yes Hood inspected, if applicable. Inspect. Date?____ • Guillotine used? If so, inspection date. Yes D) Do Animals Remain in Lab More Than 12 hours If ves. duration of housing Who is responsible for caring for the animals? Are carcasses properly disposed of? Any evidence of animal misuse, mistreatment or neglect Yes

Date 1/7/20

Investigator	
Protocol #	Species Species
	Species
Room#	
Site Visit Lab	Contact
A) Procedur	res Doufermed 4
A) Procedur	res Performed Surgical Non-Surgical
•	Survival Non-survival Euthanasia only Method of euthanasia
•	Duration of procedure(s)
•	Surgical area clean & uncluttered? Surgical area not used for anything else during surgery?
•	Aseptic procedures? Use of sterile surgical gloves?
•	Current protocol posted/nearby for quick reference
•	Surgery and Recovery Record Available
D)	- Under Broad was
B) Are Drug	s Used in Procedures? Yes No
•	o Expiration date(s) 171201 Controlled drugs used?
•	Gas cylinders immobilized?
•	Warning signs visible? MSDS forms posted?
•	Calibration of anesthetic equipment - yearly for isoflurane Solution
•	F-Air weighed/vents open?
C) Housing	/Equipment
•	Are cages and housing area clean? Yes No ,
•	Do animals have food and water? Yes No \(\mathcal{P}\family
•	Is the lab area clean where procedures performed? Yes No Are surgical instruments/equipment clean? Yes No
•	Are surgical instruments/equipment clean? Yes No
	Storage of autoclaved materials
	Cold sterilization procedures are appropriate
•	Are sharps containers present? No recapping? Yes No
•	Hood inspected, if applicable. Inspect. Date? Yes No
•	Guillotine used? If so, inspection date.
D) Do Anima	uls Remain in Lab More Than 12 hours Yes No
•	If yes, duration of housing
•	Who is responsible for caring for the animals?
•	Are carcasses properly disposed of? Yes No
•	Any evidence of animal misuse, mistreatment or neglect Yes No
Signature	

IACUC Semi-Annual Site Visits: Research Laboratories

Investigator_	
Protocol # Species	
Room #	
Site Visit Lab Contact	
	m) (0
A) Procedures Performed	,e.
Surgical Non-Surgical Survival Non-survival Euthanasia only Method of euthanasia Duration of procedure(s)	7m
Method of euthanasia	giaf.
Duration of procedure(s) (Çv\time) Surgical area clean & uncluttered?	
 Surgical area not used for anything else during surgery? Aseptic procedures? Use of sterile surgical gloves? 	
Current protocol posted/nearby for quick reference	
Surgery and Recovery Record Available	
<u> </u>	
B) Are Drugs Used in Procedures? Yes No • If yes, name of drugs(s)	
If yes, name of drugs(s)	
Gas cylinders immobilized?	
Warning signs visible? MSDS forms posted?	
 Calibration of anesthetic equipment – yearly for isoflurane 	
F-Air weighed/vents open?	
C) Housing/Equipment	
 Are cages and housing area clean? Yes No 	
Do animals have food and water? Yes No	
Is the lab area clean where procedures performed? Yes No	
Are surgical instruments/equipment clean? Yes No Autoclave monitoring procedures	
Storage of autoclaved materials	
Cold sterilization procedures are appropriate	
 Are sharps containers present? No recapping? Yes No 	
 Hood inspected, if applicable. Inspect. Date?Yes	
Guillotine used? If so, inspection date.	
D) Do Animals Remain in Lab More Than 12 hours Yes No V	
If yes, duration of housing	
Who is responsible for caring for the animals?	
 Are carcasses properly disposed of? Yes No 	
 Any evidence of animal misuse, mistreatment or neglect Yes No 	
Signature	