

School of Veterinary Medicine Animal Care and Use Committee Open Session – March 10, 2020

Present (voting):	(for),
Present (nonvoting):	
Guests:	
Absent:	
Dr. c	alled the meeting to order at 10:00 a.m.

Approval of Open Session Minutes January 24, 2020 and February 24, 2020

The vote was unanimous.

Annual Reapprovals

abstaining.

moved to approve the annual updates. The vote was unanimous with

Protocol Review

V005384-R01-A01: Beyond Biomaterials: Engineering the Wound Bed - Discussion of the protocol ensued. **We have a separate protocol for the PI to remove the swine and dog work** from this protocol, to create a separate protocol for the large animal work, and to make other changes. The vote was unanimous with **We was** abstaining.

Logs: Designated Review/other

The committee reviewed and discussed the designated review and VVC logs. Dr. noted that the amendment of G005236 has been withdrawn and the project will be described in a new protocol. Members briefly discussed options for providing input to this protocol.

Senior Program Veterinarians Reports

Dr. **Dr. reported** that the veterinarians are discussing biosecurity procedures for managing swine that move between facilities. She said that a recent shipment of swine came from a supplier that had an employee with influenza and subsequently had animals test positive for the disease. Fortunately, the animals that came to UW-Madison had been isolated on arrival.

Dr. **Dr.** reported that veterinary students are again assisting with lambing at an off-site facility. She said that the program continues to benefit the farm staff, students, and animals.

Report from ARC

Mr. had no report for open session.

Report from the Animal Program Assessment Specialists (APAS)

Mr. had no report for open session.

Committee Training

Dr. reviewed the IACUC-approved policy on Veterinary Verification and Consultation (VVC) and its companion SOP (see attached). She explained that the policy is based on guidance from the NIH Office of Laboratory Animal Welfare (OLAW) that allows for some significant changes to protocols to be made in consultation with veterinarians if those changes are "pre-approved" by the IACUC. The current policy describes pre-approved changes that are eligible for VVC. Dr. said that the VVC process has been well-received by researchers, and approximately one third of all changes to protocols campus-wide are processed via VVC. She noted that at each IACUC meeting the committee receives a log of all VVC changes that have been made since the previous meeting, and these can be discussed at any time. asked the committee members to think about other types of changes that could be Dr. handled via VVC if the policy were updated. Discussion ensued regarding the use of VVC for changes in animal numbers. Ms. reminded them in addition to the monthly log will be providing a summary of categories of approved changes reviewed by members, Dr. at the upcoming semiannual program review. Dr. suggested that it may be appropriate to include changes to the frequency of surgical monitoring as a VVC eligible change since veterinary staff are recommending more frequent monitoring. Members agreed and thanked Dr. for presenting this topic.

Other Business

Dr. called for other business. Hearing none, called for moved to adjourn into Closed Session for discussion of research protocols or other documents containing

confidential proprietary information and personnel matters relating to such research protocols, pursuant to Wisconsin Statutes Section 19.85(1)(c), (d), (e), (f), and (g). The vote was unanimous by roll call. Ms. for a introduced Ms. for a new member of the Animal Safety team. Members welcomed for the purpose of her job duties.





School of Veterinary Medicine Animal Care and Use Committee Closed Session – March 10, 2020

Present (voting):	(for),
Present (nonvoting):	
Guests:	
Absent:	

Approval of Closed Session Minutes January 24, 2020

moved to approve the minutes as submitted. The vote was unanimous.

Inspection Reports

Ms. **Sector** circulated the inspection signup sheet and led discussion of recent inspections. The inspection team for **Sector** laboratories had a question for the committee. While inspecting room **Sec.**, they noticed a chicken incubator although the room is only listed for rodent procedures. Dr. **Sector**, the PI of the laboratory told the team that once the eggs hatch, the chickens are moved into a different housing area. The team asked the ACUC if room **Sector** should be included on the protocol for the chicken project. The ACUC agreed that it should be added, and asked Dr. **Sector** to work with Dr. **Sector** to add the room.

Ms. said that the second second second was inspected using a combination of in-person and web-cam inspections. Dr. said that a new project involving the novel coronavirus has been initiated. Staff from the Wisconsin National Primate Research Center (WNPRC) and second second

Dr. **Dr. asked** what the plans are to update carbon dioxide (CO_2) signage in response to recent changes to the *AVMA Guidelines for Euthanasia*. Ms. **Determined** described the plan, noting that RARC trainers are working with RARC veterinary staff to update the signage.

Annual Reapprovals

Ms. noted that this will be the final paper annual update since all select agent protocols are being moved into the ARROW online protocol system. **Example 1** moved to approve the annual reapproval. The vote was unanimous.

Senior Program Veterinarians Reports

Neither Drs.	nor had reports for Closed Session.
<u>Report from the Ani</u>	<u>mal Program Assessment Specialists (APAS)</u>
Mr.	had no report for Closed Session.
<u>Report from ARC</u>	
Mr.	reported that

Mr. reported that the remaining animals from Dr. 's Pelizaeus Merzbacher colony have been adopted.

Other Business

Dr.

Dr. Said that the Institutional Official has asked each ACUC to review their Continuation of Operations (COOP) plans in light of the COVID-19 situation. Mr. Summarized how essential animal care will be provided in the event of staff outages (see attached). Members suggested additional actions that may be taken such as not bringing in any additional animals. Dr. Source described plans for the UW dairies which may stop enrolling new animals in studies, reduce the daily milking frequency, postpone routine vaccinations, and drying up animals. Ms. Source explained how IACUC meetings and inspections may be conducted. Discussion ensued regarding the designation of only veterinarians, veterinary technicians, and animal research technicians as essential personnel, and concerns on how laboratory staff responsible for caring for animals will be identified. Source for moved to request information from the IO on the following:

1) Individuals who will provide care for laboratory or satellite housed animals are being identified as essential. What is the plan for this list to be available (police/security) to ensure that these individuals actually do have access?

2) What is the plan to revise/expand the list of essential personnel if needed? The vote was unanimous.

Ms. said that training waivers have been granted to the following SVM members due to their prior education and experience.

- Hands-on dog training - Hands-on dog and cat training - Hands-on horse training

called for other business for closed session. Hearing none, Dr.

adjourned the meeting directly from Closed Session at 11:30 a.m.



LOGS for SVM ACUC – February/March 2020

PI	Prot #	Date Rec'd	Title	Species	N/R
	V5766-	1/6	Mouse model for Paratuberculosis vaccine	Mouse	Renew
	R01		and pathogenesis		_
	V5762-	1/7	Prevention and Control of Digital	Cow	Renew
	R01		dermatitis in dairy cattle and beef cattle		
	V5852-	1/9	Respiratory and analgesic effects of	Rat	Renew
	R01		analgesics in rats	_	
	V6281	1/15	Comparison of temperature monitoring	Dog	New
			techniques in canines		
	V6297	2/4	Immunization and challenge against	Mouse,	New
			emerging infections	chicken	
	V6275	2/5	Comparison between pregabalin and	Dog	New
			transdermal fentanylfor acute disc		
			herniation		
	V5772-	2/6	SVM teaching of bovine nonsurgical	Cow	Renew
	R01		procedures, diagnostics and examinations		
	V5832-	2/7	Urothelial organoid development project	Dog	Renew
	R01				
	V5764-	2/24	Principles of Veterinary Anatomy-	Dog, cat	Renew
	R01		Palpation Animals		
	V6300	2/27	Increasing circulating concentrationsin	Cow	New
			recipients of IVP embryos		
	V6301	2/27	Development of a synchronization	Cow	New
			program without CIDR for timed-AI and		
			embryo transfer for dairy heifers		
	V5874-	2/27	Hedgehog Analgesic Studies	Hedgehog	Renew
	R01				
	V5858-	2/28	Collection of Blood Samples from Normal	Dog	Renew
	R01		and Tumor-Bearing Dogs for In Vitro	Ŭ	
			Assays		

Designated Review New/Renewal

Designated Review Amendment

PI	Prot #	Date Rec'd	Title	Species	Sum of change
	V806	12/12	Molecular Pathogenesis of Viral Diseases	Ducks, checkens, hamsters, ferrets, guinea pig, quail	Justification for category E
	V6128- A01	1/20	Appetite Stimulation in Birds	Bird	+addl stimulating drugs
	V5375- R01-A03	1/27	Mechanotransduction and the Regulation of Skeletal Muscle Mass	Mouse	Amendment requested by IACUC committee, see summary for all concerns

V5209- R01-A02	1/28	Genetics of Body Size Evolution in Island Mice	Mouse	+addl substance, +addl place preference test, updates
V6279- A01	1/28	Safety and efficacy of retrobulbar regional anesthesia in the eyes of adult horses	Horse	Updates, chg in butorphanol use, +acepromazine
V6161- A01	1/30	Evaluation of efficacy of amiodarone or diltiazem to achieve optical heart rate control in dogs with atrial fibrillation	Dog	Timeline chgs for dogs with initially slow heart rate
V5463- R01-A02	1/31	Inflammatory arthritis, orthopaedic and neurodegenerative disease in animals	Dog, horse	Genetic basis of osteosarcoma study, addl location
V6006- A02	2/3	Full Study Using Clotted Bone Marrow Product to Treat Cartilage Defects	Rabbit	Pilot done, modifications made to reflect moving to full study
V806	2/3	Molecular pathogenesis of viral diseases	Mouse, duck, chicken, hamster, ferret	+new virus studies, updates, +oral-rectal swabs
V6143	2/4	Molecular Pathogenesis of type 0 Virus (Large Animals)	Dog, cat, pig	Determine susceptibility of companion animals to new virus
V6200- A01	2/6	Development of the Osseointegrated Neural interface for prosthetic control into pre-clinical translational sheep model	Sheep	Clarification on surgeon training
V6249- A01	2/10	Novel non-antimicrobial treatment for enteric salmonellosis	Cow	+fecal collection, updates,
V6232- A01	2/17	Novel cellular therapeutic strategies for Type I Diabetes in dogs	Dog	+addl blood samples, monitoring clarification
V5384- R01-A01	2/19	Beyond Biomaterials: Engineering the Wound Bed	Dog, pig, mouse, rat	+dog
V5720- R01-A01	2/21	Endogenous Cannabinoids and NGF Signalinglower urinary tract dysfunction	Mouse	+breeding, +gen modified
V6176- R01	2/21	The role of pre-irradiation dental care in dogsfeasibility of a future prospective trial	Dog	Title change, visit chgs

Veterinary Verification and Consultation (VVC) Remember to notify safety

PI	Prot #	Date Rec'd	Title	Species	Sum of change
	V6232- V02	1/10	Novel cellular therapeutic strategies for Type I Diabetes in dogs	Dog	Range chgd for first GTT test followed by monthly testing
	V5574- R01-V01	1/17	Restraing, Examination and Anesthesia of Exotic Animals	Not specified	Updates, transfer language added
	V5847- V02	1/6	In Utero Programming of Adult Diseases	Rat	+trans to/from behavior core with transport updated
	V5027- R01-V01	1/26	Housing and husbandry of teaching and research animals in SVM animal program		+quarantine if needed
	V6232- V03	1/24	Novel Cellular therapeutic strategies for Type I Diabetes in dogs	Dog	+addl blood draw method
	V6249- V01	1/28	Novel non-antimicrobial treatment for enteric salmonellosis	Cow	+IV KL as a euthanasia method
	V6232- V04	2/3	Novel cellular therapeutic strategies for Type I Diabetes in dogs	Dog	Increase in carprofen dose
	V5851- V04	1/31	Understanding synapse formation/maturation in models of schizophrenia and autism	Mouse, rat	+addl locations
	V6184- V02	2/10	Cellular and Molecular Mechanisms of Pain and Peripheral neuropathies	Mouse	+addl location, +Tamoxifen, +addl tracers, updates, +void spot assay
	V6145- V02	2/28	Pharmacokinetics of ceftazidime in amphibians	Frog	+addl frogs

PI	Prot #	Date Rec'd	Title	Species	Addl ACUC
	G005236- R01-A02	1/29/20	Improving Safety of Submarine Escape and Rescue from Shallow Depth.	sheep	(withdrawn 1/31/20)
	M5570- R01-A02	2/25	Hormones and the lower urogenital tract	Rat, mouse	

date	start	end	title	notes	vm_needed	attending
2020-03-11	8:30 AM	10:30 AM	SVM-Facility 2020A	Shower in/out.	1	B:
				One member should		R:
				be N95 fit-tested.		V:
						V:
2020-03-27	3:00 PM	4:00 PM	SVM- 2020A		0	B:
						R:
						V:
						V:
						V:
2020-04-14	9:00 AM	9:45 AM	SVM-		0	B:
			Surgery 2020A			R:
			<i>C ,</i>			V:
						V:
2020-04-16	10:00 AM	12:30 PM	SVM-Labs-GroupA 2020A	labs	0	B:
				EXCEPT Surgery suite		R:
				& Core		V:
						V:
2020-04-23	10:00 AM	12:30 PM	SVM-Labs-GroupB 2020A		0	B:
						R:
						V:
						V:

CHECK-OFF LIST

SMPH Re-Approvals March 2020

V01643-0-03-18

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Personnel			YY	Facility_Housing	nasal/throat swabs rectal temp		
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University of Wisconsin-Madison, Research Animal Resources and Compliance Standard Operating Procedures for Veterinary Verification and Consultation (VVC)

IACUC Approved Reference Materials^{*}:

Anesthesia, analgesia, or sedation to referenced drugs and dosages for the species.

ACLAM e-Formulary App RARC Anesthesia and Analgesia Formulary Association of Primate Veterinarians Formulary Nonhuman Primates in Biomedical Research: Biology and Management, ACLAM Series, Elsevier, 2012 Nonhuman Primates in Biomedical Research: Diseases, ACLAM Series, Elsevier, 2012 Laboratory Animal Medicine, ACLAM Series, Elsevier, 2002 The Laboratory Primate, The Handbook of Experimental Animals, Elsevier, 2005. WNPRC SOP 1.07 - Chemical Restraint (Injectable Agents) WNPRC SOP 3.02 - Inhalant Anesthesia Induction, Maintenance, and Recovery WNPRC SOP 3.20 - Treatment Ordering and Administration Harkness and Wagner's Biology and Medicine of Rabbits and Rodents Flecknell's Laboratory Animal Anesthesia Plumb's Veterinary Drug Handbook Hawk and Leary's Formulary for Laboratory Animals Fowler's Zoo and Wildlife Medicine Lumb and Jones Veterinary Anesthesia and Analgesia Quesenberry and Carpenter's Ferrets, Rabbits and Rodents Clinical Medicine and Surgery Fish and Danneman Anesthesia and Analgesia of Laboratory Animals Flecknell and Waterman-Pearson's Pain Management in Animals Fish et. al. Anesthesia and Analgesia in Laboratory Animals American College of Laboratory Animal Medicine Series Muir et. al. Handbook of Veterinary Anesthesia Manual of Equine Emergencies - Orsini and Divers Swine in the Laboratory - M. Michael Swindle Goat Medicine - second edition by Mary C. Smith and David Sherman Hagyard Pharmacy mobile formulary Latest edition unless otherwise noted.

Experimental substances including a change in test compound, dose, or route of administration.

Policy 2010-037-io: Policy on the Use of Nonpharmaceutical-Grade Compounds in Research Animals RARC Blood Sampling Guidelines Hawk and Leary's Formulary for Laboratory Animals American College of Laboratory Animal Medicine Series Journal publications (peer reviewed) Selected WNPRC SOPs Diehl et al. A good practice guide to the administration of substances and removal of blood, including routes and volumes. J App Tox. 2001; 21:15-23.

Euthanasia

AVMA Guidelines for the Euthanasia of Animals

RARC Euthanasia by Species

Duration, frequency, type, or number of procedures performed on an animal

American College of Laboratory Animal Medicine Series Journal publications (peer reviewed) Policy 2007-032-v: Tumor Burden in Rodents Policy 2010-038-v: Genotyping of Mice and Rats Policy 2012-049-v: Laboratory and Teaching Animal Adoption Policy 2014-054-v: Animal Transfer and Reassignment WNPRC SOP 1.11: Food Deprivation WNPRC SOP 3.20: Treatment Ordering and Administration WNPRC SOP 4.01: Blood Sampling WNPRC SOP 4.02: Injection Techniques

Increase in animal numbers

Policy 2013-051-c: Justification of number of animals in protocols

Examples:

 Can VVC be used if an investigator realizes, months after protocol approval, that there is a need for a one-time tail vein blood withdrawal? The original protocol does not mention any blood withdrawal. The IACUC has an approved VVC policy and has an approved policy for tail vein collection that defines allowable volume per blood draw and frequency. The investigator's request for approval of the one-time withdrawal meets all of the requirements of the approved policy.

No, the VVC process may not be used to add a new procedure to a previously approved protocol (per OLAW online office hour, 12/3/2015).

2. Can VVC be used if an investigator realizes that an additional cardiac procedure is needed (in this case, it includes anesthesia, venous cut-down, cardiac catheterization, closure and recovery) after the protocol has been approved?

The approved protocol specifies four procedures and the PI requests a 5th.

The IACUC has an approved policy that permits VVC. They also have an approved policy that permits up to six catheterizations.

Yes, the VVC process can be used to administratively handle this significant change for the following reasons (per OLAW online office hour, 12/3/2015):

- The IACUC has approved policies in place
- The request is a significant change to an already approved procedure
- The veterinarian confirms that the policies are being applied appropriately
- 3. After protocol approval, an investigator learns that a drug to be used in the project is no longer available as a pharmaceutical-grade substance. Can VVC be used to change from a pharmaceutical-grade substance to a non-pharmaceutical grade substance if consistent with Policy 2010-037.

Yes, the VVC process can be used to administratively handle this significant change for the following reasons:

- The IACUC has approved policies in place
- The request is a significant change from a compound already approved in the protocol to another formulation of the same compound
- The veterinarian confirms that the policies are being applied appropriately

4. After protocol approval, a PI realizes that he needs to genotype the animals at 14 days of age rather than 4 weeks as approved in the protocol. An RARC veterinarian recommends that he use tail tipping rather than an ear punch at that age. The requested change is consistent with Policy 2010-038: Genotyping of rats and mice. Can VVC be used?

Yes, the VVC process can be used to administratively handle this significant change for the following reasons:

- The IACUC has an approved policy in place
- The request is a significant change to an already approved procedure
- The veterinarian confirms that the policies are being applied appropriately

History: Approved by SVM ACUC 2016 02 09, CALS ACUC 2016 02 18, LSVC ACUC 2016 02 19, and SMPH ACUC 2016 03 07; Amended by SMPH ACUC, CALS ACUC, LSVC ACUC, SVM ACUC 1/2018 and 3/2018.

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University of Wisconsin-Madison, Research Animal Resources and Compliance

Policy Number: 2016-058-c

Policy Title: Veterinary Verification and Consultation (VVC)

Purpose: Allows for certain significant changes to be preapproved by the IACUC and verified by a research veterinarian. This policy will facilitate and speed protocol revisions, improve compliance, and reduce the regulatory burden on UW PIs. **Policy:** In August, 2014 OLAW provided new guidance on Significant Changes to Animal Activities NOT-OD-14-126 in an effort to support the use of performance standards and professional judgment and to reduce regulatory burden.

At UW-Madison, the following significant changes to an IACUC protocol may be handled administratively without review by full committee or designated member review.

Only the UW Madison Chief Campus Veterinarian or delegates (see attached list) may administratively verify changes through Veterinary Verification and Consultation (VVC) if changes are consistent with policies (guidance documents, SOPs and formularies) previously approved by the IACUCs. These changes may include:

- 1. Anesthesia, analgesia, or sedation to referenced drugs and dosages for the species.
- 2. Experimental substances including a change in test compound, dose, or route of administration as long as the change does not result in a change in study objectives or greater pain, distress, or degree of invasiveness.
- 3. Euthanasia to any method approved in the current AVMA Guidelines for the Euthanasia of Animals .
- 4. Duration, frequency, type, or number of previously approved procedures performed on an animal as long as the change does not result in greater pain, distress, or degree of invasiveness. For some procedures, different variations of the procedure can be approved (i.e. blood draw type).
- 5. An increase in previously approved animal numbers so long as the increase is justified and in accordance with Policy 2013-051-c.
- 6. A change in location from one ACUC-approved housing or procedure space to another approved space within the reviewing ACUC's oversight.
- 7. A change in the source of animals.
- 8. A change in the disposition of animals.

The significant changes described above, may be handled administratively according to IACUC-reviewed and -approved policies in consultation with a veterinarian authorized by the IACUC. The veterinarian is not conducting DMR, but is serving as a subject matter expert to verify that compliance with the IACUC-reviewed and -approved policy is appropriate for the animals in this circumstance.

Consultation with the veterinarian must occur before any change in work is started and must be documented. A list of changes administratively handled by VVC will be provided to the IACUC at least quarterly. The veterinarian may refer any request to the IACUC for review for any reason and must refer any request that does not meet the parameters of the IACUC-reviewed and -approved policies. The following significant changes may not be handled administratively by VVC and must undergo either full committee or designated member review.

- 1. From non-survival to survival surgery
- 2. Resulting in greater pain, distress, or degree of invasiveness
- 3. In housing or use of animals in a location that is not part of the animal program overseen by an IACUC.
- 4. In study objectives
- 5. In Principal Investigator
- 6. That impact personnel safety
- 7. From euthanasia method approved in the AVMA Guidelines for Euthanasia to one that is not.
- 8. Addition of new procedure type

See companion SOP for specific examples and a list of guidance documents, SOPs, and formularies currently approved

by the IACUCs for VVC

Author:

ePublication Date: 2016 03 XX (orig.)

History: Approved by SVM ACUC 2016 02 09, CALS ACUC 2016 02 18, LSVC ACUC 2016 02 19, and SMPH ACUC 2016 03 07; Amended by SMPH ACUC, CALS ACUC, LSVC ACUC, SVM ACUC 1/2018 and 3/2018.

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URL: https://www.rarc.wisc.edu/iacuc/acapac/2016-058-c_veterinary_verification_and_consultation_(vvc).html Last update: 2019-05-20 14:15:20



	Animal F	acilities	Inspection Checklist		C	CONFIDENTIAL for ACUC Meeting	
Name Of Fa	cility:	fac	ility 2020A	-	School/College: SVM		
Supervisor:				Date: 01/23/20			
Inspection T	spection Team Members:					e created: 03/04/20	
			Inspection Notes			Tracking	
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or	
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee	
Key: A = Acc	eptable, M = Minor d	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	edeo	d), T = To be rescheduled, N = Not inspected, Q = Question	
General comments		A	2019B Minors: broom on floor FRx1, expired diet, rusty in dog runs, expired dental paste, expired trifectant FRx1, expired alcohol FRx1, undated secondary container,				
		A					
recovery		A					
	[recovery] large animal housing	A					
	office, records & supplies	М	MINOR: expired antibiotic powder 1/20 tossed at once.	01/23/20	R		
	surgery	М	MINOR: multiple bottles of expired clorhexidine 9/2019. [Facility Repeat x2 Expired disinfectant] Per email from 23Jan20 all updated same day.	01/23/20	R		
	surgery storage	A					
	surgery storage	A					
	other	Ν					
	storage	N					
	support room	N					
	office	N					

	Animal F	acilities	C	CONFIDENTIAL for ACUC Meeting				
Name Of Fa	Name Of Facility: facility 2020A S				Scł	School/College: SVM		
Supervisor:	Supervisor:			Da	te: 01/23/20			
Inspection 7	Feam Members:				File	e created: 03/04/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date		
Room	Description	AMS	Comments/Notes	by Date	D	And method Of all responses. Indicate when Resolved Or Referred To Committee		
						d), T = To be rescheduled, N = Not inspected, Q = Question		
Key. A – Acc		A	5 – Significant denciency, K – Resolved, F – Fu		l I	1), 1 – 10 be rescheduled, N – Not hispected, Q – Question		
	cage wash							
	0	A						
	storage	N						
	procedure	N						
	animal housing	N						
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	animal housing	N						
	animal housing	A						
	animal housing	A						
	animal housing	N						
	storage	A						

	Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting				
Name Of Fa	cility:	fac	cility 2020A		Sc	School/College: SVM				
Supervisor:					Da	Date: 01/23/20				
Inspection T	nspection Team Members:					e created: 03/04/20				
			Inspection Notes			Tracking				
				Correct		Include name, date And method Of all contacts & name, date				
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee				
						d), T = To be rescheduled, N = Not inspected, Q = Question				
	storage	M	MINOR: some feed bags in contact with wall.	02/10/20	R	Initial email sent to on Mon 27 Jan, 20. @ 2020-01-28 10:32:03 Per email from 27Jan20 issue has been addressed. @ 2020-02-03 13:43:42 Update per email from 30Jan1=20 "The problem was corrected and signage added " stack feed bags and boxes so they don't touch the wall""				
	feed storage	А								
	animal housing	А								
	office	М	MINOR: unlabeled secondary container, fixed at once [FacilityRepeat x1].	01/23/20	R					
		A								
	storage	N								
	animal housing	А								
	procedure	A								
	animal housing	А								

						ONFIDENTIAL for ACUC Meeting	
Name Of Fac	cility:	fac	ility 2020A		Scł	School/College: SVM	
Supervisor:					Date: 01/23/20		
Inspection T	eam Members:				File	e created: 03/04/20	
			Inspection Notes			Tracking	
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or	
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee	
Key: A = Acce		eficiency,	-		edec	d), T = To be rescheduled, N = Not inspected, Q = Question	
	animal housing	N					
		A					
		A					
		N					
		N					
		N					
	animal housing	N					
	storage	N					
	animal housing	N					
	animal housing	N					
		N					
		N					
		N					
	animal housing	N					
	animal housing	А					
	procedures	A					
	animal housing	N					
	animal housing	N					
	animal housing	А					
	animal housing	A	Currently storage				
	storage	А					
	storage	А					
	animal housing	N					
	animal housing	N					

	Animal Facilities Inspection Checklist				CONFIDENTIAL for ACUC Meeting			
Name Of Fac	ility:	fac	ility 2020A		School/College: SVM			
Supervisor:					_	Date: 01/23/20		
Inspection T	Inspection Team Members:					e created: 03/04/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
Room	Description	AMS	Comments/Notes	by Date		Referred To Committee		
Key: A = Acce	ptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	edec), T = To be rescheduled, N = Not inspected, Q = Question		
	procedures	М	MINOR: expired reversal agent 10/2019,		R			
			per vet this was not used on animals after					
			expiration, tossed at once.					
	office	Ν						
	surgery [RARC]	А						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	N						
	animal housing	Ν						
	animal housing	N						
	animal housing	Ν						
	animal housing	N						
	animal housing							
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						
	animal housing	Ν						

	Animal F	acilities	Inspection Checklist		CONFIDENTIAL for ACUC Meeting		
Name Of Fac	ility:	fac	ility 2020A	<u></u>	Scł	School/College: SVM	
Supervisor:						te: 01/23/20	
Inspection Te	eam Members:				File	e created: 03/04/20	
			Inspection Notes			Tracking	
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or	
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee	
Key: A = Acce	ptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	edec	d), T = To be rescheduled, N = Not inspected, Q = Question	
	animal housing	N					
	animal housing	A					
	animal housing	N					
	animal housing	N					
	animal housing	N					
	animal housing	A					
	animal housing	N					
	animal housing	A					
	animal housing	N					
	animal housing	A					
	animal housing	N					
	animal housing	A					
	animal housing	A	Currently storage.				
	animal housing	A					
	animal housing	A					
	animal housing	A					
	animal housing	A					
	animal housing	М	MINOR: expired trifectant [Facility	01/23/20	R		
			Repeat x2]				
	animal housing			04/22/22			
	animal housing	IM	MINOR: expired diet [Facility Repeat x2] tossed at once.	01/23/20	R		
	animal housing	A					
	animal housing	А					
	storage	A					

Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting		
Name Of Fac	cility:	fac	cility 2020A	-	School/College: SVM		
Supervisor:					Da	te: 01/23/20	
Inspection T	eam Members:				File	e created: 03/04/20	
			Inspection Notes			Tracking	
				Correct		Include name, date And method Of all contacts & name, date	
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee	
Key: A = Acce	eptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	edeo	d), T = To be rescheduled, N = Not inspected, Q = Question	
		А					
	animal housing	A					
	animal housing	A					
Open_barn		A	ROLO: building				
		А					
ARC_Trailer	Lic#	A	SFI: slot clean interior of trailer as needed. A,so white truck				
ARC_Truck	Facility	Т					
ARC_Trailer	lic # (facility trailer)	A					
Private_Ve hicle-	Lic plate	N	REMOVE, will no longer be used.				

	Animal Facilities Inspection Checklist					ONFIDENTIAL for ACUC Meeting		
Name Of Fac	cility:		facility 2020A		School/College: SVM			
Supervisor:	Supervisor:					Date: 01/23/20		
Inspection T	eam Members:		File	e created: 03/04/20				
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date		
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee		
						d), T = To be rescheduled, N = Not inspected, Q = Question		
General		N			Τ			
comments								
	[BSL2] animal	N						
	housing							
	[BSL2] animal	Α	Currently storage.					
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	-	N						
	housing							
		N						
	housing							
	[BSL2] animal	N						
	housing							
	-	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							

	Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting		
Name Of Fa	cility:		facility 2020A		School/College: SVM			
Supervisor:					Date: 01/23/20			
Inspection T	eam Members:				File	e created: 03/04/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee		
Key: A = Acce		eficiency,	-		edeo	d), T = To be rescheduled, N = Not inspected, Q = Question		
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N			ĺ			
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	Storage	N						
	[BSL2] animal	А						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2-surgery]	A						
	necropsy							
	1	Ν						
	housing							

	Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting		
Name Of Fac	cility:		facility 2020A		School/College: SVM			
Supervisor:			Da	Date: 01/23/20				
Inspection T	eam Members:				File	e created: 03/04/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee		
						l), T = To be rescheduled, N = Not inspected, Q = Question		
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	А						
	housing							
	[BSL2] animal	N						
	housing							
	[BSL2] animal	Ν						
	housing							
	[BSL2] animal	A	Currently storage.					
	housing							
		A						
	housing							
	[BSL2] animal	A						
	housing							
	[BSL2] animal	A						
	housing							
		N						
	housing							

Animal Facilities Inspection Checklist				CONFIDENTIAL for ACUC Meeting				
Name Of Fa	cility:		facility 2020A		Sc	School/College: SVM		
Supervisor:					Da	Date: 01/23/20		
Inspection T	eam Members:				Fil	le created: 03/04/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date		
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee		
			-			d), T = To be rescheduled, N = Not inspected, Q = Question		
		M	MINOR: rust on vent cover [Facility Repeat x1 Rust]	04/27/20	R			
	[BSL2] animal housing	N						
	[BSL2] animal housing	A						
	[BSL2] animal housing	N						
	[BSL2] animal housing	N						

	Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting			
Name Of F	acility: fac	ility 202	0A	-	School/College: SVM				
Supervisor	:				Date: 01/09/20				
Inspection	Inspection Team Members: (R), (V), (V), (V), (E)					e created: 03/04/20			
			Inspection Notes			Tracking			
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or			
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee			
Key: A = A	ceptable, M = Minor d	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	<mark>mittee (vote ne</mark>	edec	d), T = To be rescheduled, N = Not inspected, Q = Question			
General		А							
comments									
	support room	A	Note: Inspected from hallway. Asked						
			June to check isoflurane expiration dates						
			next time inside room, and email to let						
			recorder know it is within date.						
	animal housing	А							
	animal housing	А							
	procedures	A							
	animal housing	A							
	animal housing	А							
	animal housing	A							
	animal housing	А							
	animal housing	A							
	hallway	М	Minor: Expired item (antibiotic cream	01/09/20	R				
			expired in Dec, 2019)						
	animal housing	А							
	animal housing	А							
	animal housing	А							
	animal housing	А							
	animal housing	А							
	animal housing	A							
	animal housing	A							
	Office	A							

C_

	Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting			
Name Of Fa	cility: faci	lity 202	0A		School/College: SVM				
Supervisor:					Da	te: 01/09/20			
Inspection T	eam Members:	(R)	, (∨), (∨), (E)		File	e created: 03/04/20			
			Inspection Notes			Tracking			
Room	Description	AMS	Comments/Notes	Correct by Date	R	Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee			
		-			_	d), T = To be rescheduled, N = Not inspected, Q = Question			
	euthanasia station	A							
	animal housing	A							
	animal housing	А							
	animal housing	A							
	animal housing	А							
	Clean storage	А							
	procedure	А							
	animal housing	A							
	animal housing	А							

A	nimal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: SVM			
Inspection U				Date: 01/09/20			
Inspection T	eam Members: (R), (V),	(∨),	(E)	File created: 03/04/20			
	Inspect	tion Not	tes		Tracking		
D				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when	
Room	Protocol [PI] (Species) ey: A = Acceptable, M = Minor deficiency, S = Significa	AMS	Comments/Notes	by Date		Resolved Or Referred To Committee	
		A	incy, R = Resolved, F = Full Committee (vote heed	ed), i = to be re	sche	eduled, N = Not Inspected, Q = Question	
General comments		А					
comments		N 1	NI				
	procedures_OK, housing_OK,	Ν	No activity				
·	surgery_level:1						
	procedures_OK, surgery_level:1	A					
	G005519-R01 [] (Rhesus						
	macaque,Laboratory mouse)						
	V005220-R01 (White-footed						
	mouse,Laboratory mouse) V005733 [] (Laboratory mouse)						
	V006189 [] (Laboratory mouse)						
	procedures_OK, surgery_level:1	A					
	V005096-R01 [] (Laboratory mouse)						
	V006184 [] (Laboratory mouse)						
	procedures_OK, surgery_level:1	А					
	V005096-R01 [[Laboratory mouse)						
	procedures_OK, housing_OK,	A					
	surgery_level:0						
	G005519-R01 [1997] (Rhesus						
	macaque,Laboratory mouse)						
	V005733 [Laboratory mouse)						
	V006181 [] (Laboratory mouse)						

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: SVM				
Inspection L				Date: 01/09/20				
Inspection T	eam Members: (R), (V),	(V) <i>,</i>	<u>(E)</u>		File created: 03/04/20			
	Inspec	tion No	tes		Tracking			
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when		
Room	Protocol [PI] (Species)	AMS	Comments/Notes	by Date	R	Resolved Or Referred To Committee		
k	Key: A = Acceptable, M = Minor deficiency, S = Significa	nt deficie	ency, R = Resolved, F = Full Committee (vote need	ed), T = To be re	esch	eduled, N = Not inspected, Q = Question		
	procedures_OK, surgery_level:1 V005794 [] (Laboratory mouse)	Q	Question for Committee: Room contains incubator used to hatch eggs. After hatching, animals are transported to housing. Does this room need to be listed for animal housing?					
	procedures_OK, surgery_level:1 V005794 [] (Laboratory mouse)	A	Note: Asked that isoflurane date be checked next time someone enters this space and email sent to indicate the expiration date has not passed.					
	procedures_OK, surgery_level:1 V005034-R01 [] (Domestic rabbit)	A						
	procedures_OK, surgery_level:1 V005766 [] (Laboratory mouse) V005794 [] (Laboratory mouse) V006154 [] (Domestic chicken)	A						
	procedures_OK, surgery_level:1 V005766 [] (Laboratory mouse) V005794 [] (Laboratory mouse)	A						

Animal Facilities Inspection Checklist					CONFIDENTIAL for ACUC Meeting			
Name Of Fac	cility: facility 2	020A			Scł	School/College: SVM		
Supervisor:			Da	Date: 02/12/20				
Inspection T	eam Members:		File	e created: 03/04/20				
				Tracking				
	Cor					Include name, date And method Of all contacts & name, date		
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee		
			-			d), T = To be rescheduled, N = Not inspected, Q = Question		
General comments		A	Note: checked controlled substances.					
	Womens locker room, shower, bathroom	N						
	Womens locker room, shower, bathroom	N						
	Womens locker room, shower, bathroom	N						
	Mens locker room, shower, bathroom	N						
	Mens locker room, shower, bathroom	N						
	Mens locker room, shower, bathroom	N						

	Animal F	acilities	C	CONFIDENTIAL for ACUC Meeting					
Name Of Fa	cility: facility 2	020A	School/College: SVM						
Supervisor:			Date: 02/12/20						
Inspection T	eam Members:		File	e created: 03/04/20					
			Inspection Notes			Tracking			
	Correc					Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or			
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee			
Key: A = Acc	Key: A = Acceptable, M = Minor deficiency, S = Significant deficiency, R = Resolved, F = Full Committee (vote needed), T = To be rescheduled, N = Not inspected, Q = Question								
	Equipment transfer room (cages into suites)	N	Active						
	Common room (autoclave opens up into this area)	N	Active						
	Feed, Bedding storage	A							
	Cage wash - CLEAN	A							
	Cage wash - DIRTY	A							
	Animal housing (mice)	A	Note: via webcam.						
	Locker room, shower, PPE changing area	A	Note: reviewed PPE requirements.						
	Locker room, shower, PPE changing area	N							
	Animal transfer /Equipment Transfer room								
	Storage	Ν							

Animal Facilities Inspection Checklist						CONFIDENTIAL for ACUC Meeting		
Name Of Facility: facility 2020A So						School/College: SVM		
Supervisor:						Date: 02/12/20		
Inspection Team Members:						File created: 03/04/20		
Inspection Notes						Tracking		
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee		
Key: A = Acceptable, M = Minor deficiency, S = Significant deficiency, R = Resolved, F = Full Committee (vote needed), T = To be rescheduled, N = Not inspected, Q = Question								
	Animal housing	A						
	Animal housing	A						
	Animal housing	A						
	Necropsy/Proc edure Laboratory	A						

	Animal F	acilities	Inspection Checklist		CONFIDENTIAL for ACUC Meeting				
Name Of Fa	cility: facility	/ 2020A			Scl	School/College: SVM			
Supervisor:						Date: 02/25/20			
Inspection T	eam Members:	(\		E)	File created: 03/04/20				
			Inspection Notes		Tracking				
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or			
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee			
Key: A = Acc	eptable, M = Minor d	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com		edeo	d), T = To be rescheduled, N = Not inspected, Q = Question			
General comments	Facility	A							
	[treatment room, second vivarium] procedure	A							
Autoclave	Autoclave area	А							
	cage wash	A							
	housing	A	SFI: correct type of label for tamoxifen cages.						
	storage	A							
	housing (dog runs)	A							
	housing	A	SFI: isoflurane sign needed. SFI: tamoxifen hazard signage needed for door as well as cages.						
	housing	Ν	Empty						
	housing	А							
	housing	А							
	housing	А							
	housing	А							
	housing	А							
	housing	А							
	housing	А							
	housing	Ν	Empty						
	housing	Ν	Empty						

		Animal F	acilities	C	ONFIDENTIAL for ACUC Meeting				
Nam	e Of Fac	cility: facility	2020A	Scł	School/College: SVM				
Supe	Supervisor:						Date: 02/25/20		
Insp	Inspection Team Members: (V), (V), (R), (S), (E)					File created: 03/04/20			
	Inspection Notes						Tracking		
					Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
R	oom	Description	AMS	Comments/Notes	by Date	R	Referred To Committee		
Key	<mark>/: A = Acce</mark>	ptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	<mark>mittee (vote ne</mark>	edeo	d), T = To be rescheduled, N = Not inspected, Q = Question		
		housing	A						
		housing	А						
		housing	А						
		housing	A						
		housing	А	SFI: include details of biological hazard at					
				the cage level.					
		housing	A						
ARC	_Van_1		A						