



**School of Medicine and Public Health Animal Care and Use Committee
Open Session – May 4, 2020**

Present (voting):

[REDACTED]

Present (nonvoting):

[REDACTED]

Guests:

[REDACTED]

Absent:

[REDACTED]

Dr. [REDACTED] called the meeting to order at 8:30 a.m. He thanked everyone for their willingness to meet remotely and reminded them of the ground rules for participating in the meeting using this format. Attendance was taken using roll call.

Approval of Open Session Minutes of April 6, 2020

[REDACTED] moved to approve the minutes as submitted. The vote was unanimous. Dr. [REDACTED] provided updates on two items. He said that a letter thanking and acknowledging Ms. [REDACTED]'s contributions as IACUC Administration has been sent. A thank you from the IACUC to the Animal Research Technicians for their dedication to animal care during this pandemic has been included in the BRMS Newsletter.

Annual Reapprovals (May)

Dr. [REDACTED] summarized feedback from the annual reapprovals, noting those that use USDA-covered species.

[REDACTED] assumed voting status]

[REDACTED] moved to approve the annual updates. The vote was unanimous with [REDACTED] abstaining.

[REDACTED] resumed voting status and [REDACTED] returned to non-voting status]

Protocol Review

Dr. [REDACTED] introduced Dr. [REDACTED], RARC veterinary anesthesiologist and thanked her for attending today's meeting as a consultant for the protocol review.

M006311: Ex vivo perfusion of transplantable organs - Discussion of the protocol ensued. Dr. [REDACTED] explained that this laboratory is very experienced at this model in non-human primates but will be using swine for this project. Many of the procedure and anesthetic regimens still need to be further modified for that species. [REDACTED] / [REDACTED] moved to defer pending further consultation with RARC veterinarians, anesthesiologist, and the large animal surgery dept at the vet school. They asked that the rewrite be sent for full committee review. The vote was unanimous.

M006325: SOM neurons and signaling via GABA receptors in neuropathic pain -

Discussion of the protocol ensued. The primary reviewer said that this is a new protocol studying neuropathic pain in a mouse model. The committee discussed the benefits of the research versus the pain and discomfort to be induced in the animals. Dr. [REDACTED] stated that she is familiar with a comparable rat model for neuropathic pain, and that the animals become slightly lame, but do not experience severe discomfort or distress. The PI will be asked to provide a stronger justification for the research, provide additional experimental details, and make other changes. [REDACTED] / [REDACTED] moved to require modifications to secure approval. The vote was unanimous with [REDACTED] abstaining.

[REDACTED] joined the meeting]

M005505-R01: Swine models of right ventricular dysfunction and pulmonary hypertension

- Discussion of the protocol ensued. Dr. [REDACTED] explained that this project is to create an animal model for pulmonary hypertension. She described the techniques to be used and said that the choice of anesthetics is particularly important since they could potentially influence the parameters under study. Dr. [REDACTED] said that she has suggested the use of some new drugs that should have less of an impact on the cardiovascular system. [REDACTED] / [REDACTED] moved to defer pending further consultation with Dr. [REDACTED] and a veterinary cardiologist. The vote was unanimous. Mr. [REDACTED] was asked to verify the funding and grant/protocol congruence status of this project.

Post-approval Monitoring: Report from Senior Program Veterinarian

There was no veterinarian report for open session.

Logs: Designated Review/other (May)

The committee reviewed the designated review and veterinary verification and consultation (VVC) logs. Dr. [REDACTED] thanked members for all of the work they are doing on designated reviews outside of the meeting. He acknowledged all VVC changes were in line with the IACUC-approved policy.

Post-approval Monitoring: Report from Biomedical Research Model Services (BRMS)

Dr. [REDACTED] reported that BRMS operations are continuing business as usual with no major changes since last month's update.

Post-approval Monitoring: Report from Animal Program Assessment Specialists

Mr. [REDACTED] had no report for open session.

Other Business

Dr. [REDACTED] said that he would like input from the committee on how best to conduct the Spring Semi-Annual Program review. He proposed that the IACUC make use of subcommittees to complete the reviews of each section of the program review worksheet and suggested members. Discussion ensued and subcommittees were comprised of the following.

- Physical Plant and Animal Housing and Environment- [REDACTED], and [REDACTED]
- Training- [REDACTED] and [REDACTED]
- Occupational Health and Safety- [REDACTED] and [REDACTED]
- Veterinary Medical Care- [REDACTED] and [REDACTED]
- IACUC- [REDACTED] and [REDACTED]
- IO, Program Integration, and Support of the Institutional Mission- [REDACTED] and [REDACTED]

Dr. [REDACTED] thanked the subcommittee members for agreeing to the plan and said that he will contact them with information about how to complete the subcommittee review.

[REDACTED] left the meeting]

Dr. [REDACTED] called for other business for open session. Hearing none, [REDACTED] / [REDACTED] 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. Dr. [REDACTED] invited [REDACTED] to stay for closed session.

The meeting was adjourned from Closed Session without reconvening into Open Session.

[REDACTED]
[REDACTED]



**School of Medicine and Public Health Animal Care and Use Committee
Closed Session – May 4, 2020**

Present (voting):

[REDACTED]

Present (nonvoting):

[REDACTED]

Guests:

[REDACTED]

Absent:

[REDACTED]

Inspection Reports

Ms. [REDACTED] led discussion of recent inspections. She said that she completed the remaining laboratory inspections of [REDACTED] as a consultant and recommended they be considered acceptable. [REDACTED] moved to accept the consultant report. The vote was unanimous.

Post-approval Monitoring: Report from Senior Program Veterinarian

Dr. [REDACTED] had no report for closed session.

Approval of Closed Session Minutes of April 6, 2020

[REDACTED] moved to accept the minutes with minor editorial modifications. The vote was unanimous. Mr. [REDACTED] thanked Mr. [REDACTED] and Dr. [REDACTED] for their report last month and noted that it appears clear that BRMS is managing the emergency operations well.

Post-approval Monitoring: Report from Animal Program Assessment Specialists

Mr. [REDACTED] had no report for closed session.

Post-approval Monitoring: Report from Biomedical Research Model Services (BRMS)

Dr. [REDACTED] and Mr. [REDACTED] had no report for closed session.

Other Business

Dr. [REDACTED] called for other business for closed session or additional business for open session. Hearing none, Dr. [REDACTED] adjourned the meeting from closed session at 10:05 a.m.

[REDACTED]

LOGS for SMPH ACUC – May 2020

Designated Review New/Renewal

PI	Prot #	Date Rec'd	Title	Species	N/R
████	M6095	3/11	Mechanisms and remediation of inflammation and renal injury in pregnancy-associated hypertension and preeclampsia	Mouse	New
██████	M6305	3/9	Fundamental operating principles of the gut microbiota in the mouse	Mouse	New
████	M5648-R01	2/19	Imaging Fluorescent Zebrafish with Selective Plane Illumination Microscopy (SPIM)	Zebrafish	Renew
████	M5735-R01	3/15	Efficacy of treatments for triple negative breast cancer	Mouse	Renew
████	M5763-R01	3/6	Treatment and Diagnosis of Ovarian Cancer	Mouse	Renew
██████	M5785-R01	3/10	The Role of Macrophage Inhibition by the Rat Healing Ligament	Rat	Renew
████	M5786-R01	3/11	Virulence Factors in Fungi	Mouse	Renew
████	M5790-R01	3/5	Molecular mechanisms regulating the asymmetric segregation of cargoes during mitosis	Mouse	Renew
██████	M5814-R01	3/13	Studying development and benign disease of the prostate and angiogenic potential of the omentum	Mouse	Renew
████	M5825-R01	3/5	In vivo fate of dendrimer- and dendron-based hybrid nanoparticles	Mouse	Renew
██████	M5863-R01	2/18	BRMS ART Training Protocol	Many	Renew
████	M5844-R01	3/20	Rational molecular targeting in high-risk cancer	Mouse	Renew
██████	M6311	3/23	Ex vivo perfusion of transplantable organs	Pig	New
████	M6312	3/24	Animal model for recurrent clostridium difficile infection prevention and decolonization	Mouse	New
██████	M6326	4/3	5.0 Toxin Testing	Mouse	Renew
██████	M5853-R01	4/7	Potential tumor imaging and Therapy agents	Rat, mouse	Renew
██	M5792-R01	4/7	Molecular mechanism of abdominal aortic aneurysm	Mouse	Renew
████	M5826-R01	4/7	Animal models of hindlimb ischemia	Mouse, rat	Renew
████	M5505-R01	4/8	Swine models of pulmonary hypertension	Pig	Renew
██████	M6325	4/8	SOM neurons and signaling via GABA receptors in neuropathic pain	Mouse	New
██████	M6322	4/9	Antibodies and Vaccines to 5.1 toxin, tetanus toxin, and coronavirus proteins	Mouse, rabbit	New
████	M6334	4/9	Validation of MCAL test article in an ocular rabbit model	rabbit	New

	M6329	4/9	Pathways, mechanisms, and treatments of vocal communication deficits in a Parkinson rat model	Rat	New
	M5805-R01	4/13	Overcoming Therapeutic Resistance in cancer	Mouse	Renew
	M5867-R01	4/13	The effect of growth factor injections on vocal fold scarring	Rabbit	Renew
	M6327	4/15	Regional denervation of rodents with 5.1, tetanus toxin and 5.1-like proteins	Rat, mouse	Renew
	M5850-R01	4/21	Evaluation of acute and chronic toxicity and pharmacokinetics of molecular multi-targeted anti-cancer treatment in rats	Rat	Renew

Designated Review Amendment

PI	Prot #	Date Rec'd	Title	Species	Sum of change
	M5889-A06	3/17	In vivo evaluation of novel tumor-targeted therapies and adoptive immunotherapies for cancer	Mouse	+addl chemo drug
	M6092-A01	3/19	Genetic Mouse Models of Myopia	Mouse	+perfusion
	M5719-R01-A01	3/19	Genetic Mouse Models for Primary Congenital Glaucoma	Mouse	+perfusion
	M2302	3/4	Antibodies to 5.1 Toxin	Mouse, rabbit	+animal number increase, updates
	M2319	3/4	Testing of 5.0 and Enterococcus faecium, Weissella oryzae and Chruseobacterium piperi, 5.1-like Proteins	Mouse	+animal number increase, updates
	M5956-A13	4/7	Pluripotent stem cells and their differentiated derivatives	Mouse	+new route of engraftment
	M5342-R01-A02	4/15	Mouse models of human cancer	mouse	+chronic alcohol exposure study
	M6022-A06	4/15	Characterizing the immune effects of normothermic ex vivo perfusion	Mouse, rat	+mice
	M6172-A02	4/16	Mouse models of glaucoma	Mouse	+new transgenic mouse, +lentivirus

████	M5922-A07	4/20	Mitochondria in progressive multiple sclerosis	Mouse, rat	+addl testing of varies of microglial inhibitors
████	M6134-A02	4/21	Hox Genes n Organogenesis	Mouse	+dose increase, +treatment time change

Veterinary Verification and Consultation (VVC) **Remember to notify safety**

PI	Prot #	Date Rec'd	Title	Species	Sum of change
████	M6135-V04	3/12	Development of Advanced C-Arm Based Imaging Techniques	Pig	Clarify use and descript of analgesics for survival procedure
████	M5486-R01-V04	3/17	Lingual & Laryngeal Muscle Plasticity	Rat	Timeline flexibility of cohort
████	M5485-R01-V04	4/3	Optical Imaging for disease modeling	Mouse	Updated CO2 rates
████	M5895-V01	4/2	Dual-energy subtraction angiography for Transcatheter interventins	Pig	Correct oversight of inclusion of heparin use description
████	M5242-R01-V02	4/9	Regulation of Aqueous Humor Outflow through Trabecular meshwork	Mouse, rat	study the role of the calcineurin/NFATc1 pathway in steroid induced glaucoma

Dual School Review

PI	Prot #	Date Rec'd	Title	Species	Addl ACUC
████	V5831-R01	3/21	Phase I Dose-Finding Trial of IT-IC in Tumor-Bearing Dogs	Dog	
████	V5308-R01-A04	3/29	Regulation of T Cell Immunity to Intracellular Pathogens	Mouse	
████	G006226-A01	3/23/20	Modeling human frontotemporal dementia in rhesus macaques	Rhesus macaque	
████	G005201-R01-A01	3/28/20	Mammary Prolactin Production and Breast Cancer	mus	
████	G005809-R01	4/10/20	Neural Circuitry of Emotion	Common King Snake, Macaque	

Animal Lab Inspection Checklist			CONFIDENTIAL for ACUC Meeting			School/College: SMPH	
Inspection Unit: [REDACTED] Labs 2020A						Date: 02/18/20	
Inspection Team Members: [REDACTED] (V), [REDACTED] (R), [REDACTED] (V), [REDACTED] (E)						File created: 04/27/20	
Inspection Notes						Tracking	
Room	Protocol [PI] (Species)	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	
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							
[REDACTED]	procedures_OK, housing_OK, surgery_level:1 M005226-R01 [REDACTED] (Laboratory mouse,Laboratory rat)	F	Consultant inspection by [REDACTED] 19Feb20. Per lab this room is not in active use. Acceptable. VOTE NEEDED				
[REDACTED]	procedures_OK, housing_OK, surgery_level:0 M005226-R01 [REDACTED] (Laboratory mouse,Laboratory rat)	F	Consultant inspection by [REDACTED] 19Feb20. Per lab this room is being set up to start new experiment. Acceptable. VOTE NEEDED				
[REDACTED]	procedures_OK, surgery_level:1 M006019 [REDACTED] (Laboratory rat) M006166 [REDACTED] (Laboratory rat)	F	Consultant inspection by [REDACTED] 06MAR20. Acceptable. VOTE NEEDED				
[REDACTED]	procedures_OK, surgery_level:1 M006166 [REDACTED] (Laboratory rat)	F	Consultant inspection by [REDACTED] 06MAR20. Acceptable. VOTE NEEDED				
[REDACTED]	procedures_OK, surgery_level:1 M005138-R01 [REDACTED] (Laboratory mouse,Laboratory rat) M005497-R01 [REDACTED] (Laboratory mouse,Laboratory rat)	A					