

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
August 14, 2019

Location: 305 Kildee Hall

Present: [Redacted] Confidential
[Redacted] Confidential

Members Absent: [Redacted] Confidential

Guests: [Redacted] Confidential

Meeting called to order at: 8:30 AM

The meeting may not have followed this order but to be consistent with previous monthly minutes, the minutes were recorded in the following order. Voting totals indicate the number of members that were available to vote at the specific time voting took place.

1. Review Full Committee Meeting Minutes

The committee reviewed the July Full Committee Meeting Minutes and had no concerns.

A motion was made to approve the July minutes, as written. The motion was seconded.

7 total votes: 6 for / 0 against / 1 abstain

2. Conflict of Interest Reminder

The committee members were reminded that if they think they have a conflict, they should remove themselves from the final review and vote.

3. Training Topic

The attending veterinarian continued her training from last month regarding non-compliance scenarios provided by a previous webinar. The committee reviewed a few of those scenarios.

4. Protocols referred to the full committee for review

- a. "Infectious dose and treatment dose determination for C. difficile trial" (IACUC 18-215)

This agenda item was referred to full committee as the PI had expressed that they would not follow the IACUC humane endpoint guidelines. At a previous full committee meeting, the committee sent a few questions back to PI. At the time of this meeting, the PI had not updated their protocol. A committee member that is key personnel on this protocol, noted that the PI is still deciding on if they would like to continue with this protocol. This discussion item is tabled until the next meeting.

5. Unfinished business from previous monthly meetings

a. Review of SOPs

The committee reviewed nine previously approved SOPs that have now been updated. The committee had no concerns.

A motion was made to approve all SOPs listed on the agenda, as written. The motion was seconded.

10 total votes: 10 for / 0 against / 0 abstain

The IACUC Coordinator noted that the updated version of the “Designated Member Review Following Full Committee Review” SOP would not go into effect until it had been signed by all committee members. The previous SOP is still in effect until the new one is signed by all committee members.

b. Animal Colony

The IACUC chair noted that in May, the committee reviewed an SOP from an advisory committee for an animal colony. At that meeting the committee had sent back a few questions to the advisory committee. The advisory committee submitted an updated SOP, answering those questions. The committee reviewed the updated SOP and email correspondence.

One member from the advisory committee is also a committee member. This member noted their goal for the SOP and discussed the updates made to the SOP. The committee noted that the format of the SOP could be updated to add a purpose and scope. The committee would also like more detail on how the overall health and condition of the animals is assessed (i.e. animals will be assessed prior to starting a new research study, animal records will be reviewed annually, usage and history, etc.). They noted that, if this information is already recorded (blood, overall health, etc.) from study records, it does not need to be repeated, just assessed and reviewed. It was also requested that the above information also be reported to the attending veterinarian as it is reviewed, by the advisory committee.

The committee decided to send the SOP back to advisory committee requesting the above questions be answered and inserted into the SOP and sent back to the IACUC committee, to be discussed at a future meeting.

6. New discussion items

- a. Unanticipated Event “Reprogramming extracellular nanovesicles as highly potent vaccines against bovine respiratory disease” (IACUC 18-074)

The committee reviewed this unanticipated event. It was noted that the PI had not received their necropsy report yet and that the attending veterinarian may ask the PI to send that to her when it becomes available. The committee determined that the PI took appropriate corrective actions with the information she had and had no concerns.

The committee decided to accept the unanticipated event as written.

- b. PHS Assurance renewal

The committee was informed that an updated PHS Assurance had been posted to Canvas and that all members need to read it. The committee requested that a sheet be brought to full committee meetings and DMR for committee members to sign, once they have read the updated PHS Assurance.

- c. DMR Assignments

The IACUC chair informed committee members that a new DMR schedule has been posted to Canvas.

- d. Number of Animals on Pilot Study

The attending veterinarian noted there have been a few protocols that were proposed as pilot studies, but were not truly pilot studies (e.g. epidemiological studies). The attending veterinarian reminded committee members that if they feel a protocol that is proposed as a pilot study, is not actually a pilot study, they may ask for further clarification.

- e. Unanticipated Event “The effects of glutamine and branched-chain amino acids on feed intake, growth, and health status of dairy heifer calves during weaning and post-weaning” (IACUC 19-172)

The IACUC chair noted that this agenda item and agenda item 6g did not follow appropriate steps in contacting the attending veterinarian. The PI on this unanticipated event, however, did contact the farm manager immediately and took appropriate corrective actions in regards to the event itself. The committee discussed having the IACUC chair send an email, on behalf of both the attending veterinarian and IACUC chair, to both PI's, letting them know the appropriate steps to take in letting the attending veterinarian know about an unanticipated event. It was also noted that this PI is new investigator.

The committee decided to accept the unanticipated event as written and have the IACUC chair send an email, on behalf of both the attending veterinarian and IACUC chair, noting the appropriate submission process.

f. Unanticipated Event “Effects of Bigmouth Buffalo on water quality” (IACUC 19-100)

The committee reviewed this unanticipated event and wondered if a lower stocking density may have helped in a situation like this. They also wanted clarification on the total count of fish loss and if the level of mortality is typical, in a weather situation like this. The committee requested the unanticipated event form be sent back asking the above questions.

g. Unanticipated Event “Saracatinib Mitigates OP nerve agent-induced Long-term Neurotoxicity (1 R21 NS110648-01)” (IACUC 18-159)

The committee discussed that this unanticipated event was mentioned in the PI’s annual review submission and he was then asked to submit an unanticipated event form. The committee reviewed the unanticipated event and noted that it had to do with the purity of the drug and the PI had already discussed it with the company and the company noted it was their fault. The committee decided to send the unanticipated event form back and ask the PI, how they will ensure the purity of the drug, in the future.

The IACUC chair will send an email, on behalf of both the attending veterinarian and IACUC chair, to the PI noting the correct submission process of an unanticipated event.

h. Facility Inspections

The IACUC coordinator asked the committee to watch for an email notifying them that the inspection form is ready for them to sign up for inspections. The IACUC chair also gave an overview of what the sign-up process entails, for the new committee member.

Committee members discussed the uptick in inspections lately and it was noted they were due to lockboxes now being in possession of PI’s, which means they all need to be inspected before their protocol can be approved. It was also noted that these inspections will fall into place with the other inspections, it was just the initial inspection that needed to happen on its own. Committee members also requested the sign-up process be reviewed for future inspections.

i. Gill Nets

The attending veterinarian asked a PI to provide more information regarding usage of gill nets (based on a protocol reviewed at DMR), as the expected mortality rate seemed high, however, it is not more than what is typically seen with gill nets. The PI provided additional information via email. The attending veterinarian noted that this information was requested to educate committee members, in case they see it on future studies.

7. PAM Monthly Report

The IACUC chair explained what the Post Approval Monitor role is, to the new committee member. The Post Approval Monitor (PAM) reported on three visits. The first visit was by request of the committee, to monitor protocols that use a certain set of animals. The PAM noted that once she was informed that this protocol was going to start soon, she immediately scheduled a visit with the PI. The PAM had no concerns with the visit.

The PAM also contacted the individual who oversees the animal colony and requested an updated calendar of their proposed protocols and start dates, to ensure timely PAM visits, as requested by the committee.

The second visit was a records check and noted that she shared the training template with the PI, however all other records kept, were accurate. The PAM had no concerns.

The third visit was also a records check. The PAM noted that the protocol covered multiple different product testing so she provided some suggestions on how to have a clearer picture of what one study is versus another study, while still having ranges. The PAM also shared the training template. The PAM had no concerns.

8. Clear pending PRFs/modifications

a. “Direct and Indirect Effects of Heat Stress in Swine” (IACUC 19-153)

The protocol was reviewed at a previous DMR meeting but was still waiting on a recommendation from one committee member. The committee discussed the protocol and had no concerns.

There was a motion to approve this protocol. The motion was seconded.
10 total votes: 9 for / 0 against / 1 abstain

b. “VDPAM 416 – Basic Bovine Palpation” (IACUC 19-260)

The protocol was reviewed at a previous DMR meeting but was still waiting on a recommendation from one committee member. The committee discussed the protocol and had no concerns.

There was a motion to approve this protocol. The motion was seconded.
10 total votes: 10 for / 0 against / 0 abstain

9. Other items for discussion as brought forward by committee members

The IACUC chair requested everyone introduce themselves, as a new committee member was present.

10. The committee was informed of minor modifications approved by the chair(s) in July.

11. The committee was informed of protocols approved by designated member review in July.

12. The committee was informed of modifications reviewed by VVC in July.

13. Protocols that will be submitted when and if funding is granted.

- a. None at this time.

Meeting was adjourned at 9:32 AM

Minutes recorded by [REDACTED] Confidential

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
September 4, 2019

Location: 305 Kildee Hall

Present: [Confidential]
[Confidential]

Members Absent: [Confidential]

Guests: [Confidential]

Meeting called to order at: 9:00 AM

The meeting may not have followed this order but to be consistent with previous monthly minutes, the minutes were recorded in the following order. Voting totals indicate the number of members that were available to vote at the specific time voting took place.

1. Review Full Committee Meeting Minutes

The committee reviewed the August Full Committee Meeting Minutes and had no concerns.

A motion was made to approve the August minutes as written. The motion was seconded.

9 total votes: 9 for / 0 against / 0 abstain

2. Conflict of Interest Reminder

The committee members were reminded that if they think they have a conflict, they should remove themselves from the final review and vote.

3. Training Topic

The attending veterinarian continued her training from last month regarding non-compliance scenarios provided by a previous webinar. The committee reviewed a few of those scenarios.

4. Protocols referred to the full committee for review

- a. "Infectious dose and treatment dose determination for C. difficile trial" (IACUC 18-215)

This agenda item was referred to full committee as the PI had expressed that they would not follow the IACUC humane endpoint guidelines. At a previous full committee meeting, the committee sent a few questions back to PI. At the time of this meeting, the PI had not updated their protocol. The committee noted they would like the protocol taken off the full committee agenda until the PI has provided updates.

b. “VCS 447 Equine Clinical Skills” (IACUC 19-237)

This protocol was referred to full committee due to the use of a non AVMA approved method of euthanasia. The committee reviewed the PI's updated protocol with answers to the committee's questions from DMR (designated member review). The committee noted that the PI gave sufficient information, referenced data, and provided correspondence they had with a member on the AVMA board regarding this method. The committee had no further concerns.

A motion was made to approve the protocol as written. The motion was seconded.
10 total votes: 10 for / 0 against / 0 abstain

5. Unfinished business from previous monthly meetings

a. Review of SOPs

None at this time

b. Animal Colony SOP

At the August full committee meeting the committee sent this SOP back to the advisory group asking for more information. At the time of the meeting, the updated SOP had not been submitted. This agenda item is tabled until the next meeting.

c. Unanticipated Event “Saracatinib Mitigates OP nerve agent-induced Long-term Neurotoxicity (1 R21 NS110648-01)” (IACUC 18-159)

This unanticipated event was reviewed at the August full committee meeting and questions were sent back to the PI. The committee reviewed the updated unanticipated event form and had no concerns.

The committee decided to accept the unanticipated event form as written.

d. Unanticipated Event “Effects of Bigmouth Buffalo on water quality” (IACUC 19-100)

This unanticipated event was reviewed at the August full committee meeting and questions were sent back to the PI. The committee reviewed the updated unanticipated event form and had no concerns.

The committee decided to accept the unanticipated event form as written.

e. Facility Inspections

The committee was reminded to look at the inspection list and note the inspections they signed up for on their calendar.

f. PHS Assurance

The committee was informed at the August full committee meeting that an updated PHS Assurance had been posted to Canvas and that all members need to read it. The committee requested that a sheet be brought to full committee meetings and DMR for committee members to sign once they have read the updated PHS Assurance. The signature document was passed around the room for all individuals who have read the updated document to sign.

6. New discussion items

a. Semi-Annual Program Review

The IACUC chair noted that the semi-annual program review assignments were posted to canvas. It was also noted they should have their report to the IACUC Office by September 26th.

b. Farm SOPs

A section about aggressive cows was added to the Dairy SOP per request of EH&S. The committee reviewed the updated section and discussed changing the word aggressive to another term, however ultimately noted it was appropriate.

A motion was made to approve the SOP as written. The motion was seconded.
10 total votes: 10 for / 0 against / 0 abstain

c. LAR SOPs

The committee reviewed fifteen LAR SOPs, all SOPs had been previously approved by LAR. The committee had a few additional questions they want sent back. These concerns will be sent back for revision. The committee had no concerns on eight of the SOPs.

A motion was made to approve eight of the SOPs (E006-3, E007-3, E008-3, E010-3, E011-2, E020-2, H001-3 and H002-3) as written. The motion was seconded.
10 total votes: 10 for / 0 against / 0 abstain

One committee member did not vote due to conflict of interest.

- d. “At least” listed for animal number

The IACUC chair noted that a PI referred to the usage of animals as ““at least” this many animals will be used”, on a protocol that was reviewed during DMR. This raised the question, would it be better to have a maximum number of animals listed rather than the minimum. The committee decided they would be more aware of wording on animal numbers while reviewing protocols.

- e. Potential noncompliance “Feeding calcium gluconate to dairy cows” (IACUC 19-124)

The committee reviewed the information provided regarding the possible non-compliance. It was noted that the PAM had gone on a random visit and saw that the PI was conducting a procedure that was not on the approved protocol. The committee reviewed the potential non-compliance report.

The PI submitted a modification, adding the procedure, after being notified of the issue, which has now been approved. The committee discussed if this would be non-compliance and to what extent, along with the corrective actions that need to be taken. The final report will be sent to the IO (institutional official).

A motion was made to approve this as a minor, non-continuing, non-compliance, with the recommendation they not use the data from the blood sample from the cows that were collected prior to IACUC approval. The motion was seconded.

11 total votes: 6 for / 4 against / 1 abstain

7. PAM Monthly Report

The Post Approval Monitor (PAM) reported on two visits. The first visit was a random visit. The PAM noticed during the visit that the PI was doing a procedure that was not listed on the approved protocol and recommend the PI put in a modification immediately. The PAM also shared the training template with the PI but had no concerns on any of the other records.

The second visit was a records check and noted that she shared the training template with the PI, however all other records kept were accurate. The PAM had no concerns.

8. Clear pending PRFs/modifications

- a. None at this time

9. Other items for discussion as brought forward by committee members

10. The committee was informed of minor modifications approved by the chair(s) in August.

- 11. The committee was informed of protocols approved by designated member review in August.**
- 12. The committee was informed of modifications reviewed by VVC in August.**
- 13. Protocols that will be submitted when and if funding is granted.**
 - a. None at this time.

Meeting was adjourned at 9:51 AM

Minutes recorded by

Confidential

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
October 2, 2019

Location: 305 Kildee Hall

Present: [REDACTED] Confidential
[REDACTED] Confidential

Members Absent: [REDACTED] Confidential

Guests: [REDACTED] Confidential

Meeting called to order at: 8:37 AM

The meeting may not have followed this order but to be consistent with previous monthly minutes, the minutes were recorded in the following order. Voting totals indicate the number of members that were available to vote at the specific time voting took place.

1. Review Full Committee Meeting Minutes

The committee reviewed the September Full Committee Meeting Minutes and had no concerns.

A motion was made to approve the September minutes as written. The motion was seconded.

8 total votes: 7 for / 0 against / 1 abstain

2. Conflict of Interest Reminder

The committee members were reminded that if they think they have a conflict, they should remove themselves from the final review and vote.

3. Training Topic

The attending veterinarian gave an overview of a scenario that was posted in a lab animal article. The committee discussed the scenario.

4. Protocols referred to the full committee for review

a. None at this time

5. Unfinished business from previous monthly meetings

a. Review of SOPs

None at this time

b. Animal Colony SOP

The committee reviewed an updated Animal Colony SOP. The committee noted that the SOP listed a specific name instead of position title. The attending veterinarian (AV) also noted that she will report back to the committee, information that is given to her based on the SOP.

A motion was made to approve the SOP with the change to position title. The motion was seconded.

7 total votes: 7 for / 0 against / 0 abstain

One member did not vote due to conflict of interest.

c. Facility Inspections

The committee was reminded to sign up for inspections and put the inspection(s) they are signed up for on their calendars.

d. PHS Assurance

The committee was informed at the August full committee meeting that an updated PHS Assurance had been posted to Canvas and that all members need to read it. The committee requested that a sheet be brought to full committee meetings and DMR for committee members to sign once they have read the updated PHS Assurance. The signature document was passed around the room for all individuals who have read the updated document to sign.

The committee noted the PHS Assurance should be read by the November full committee meeting.

e. Semi-Annual Program Review

The committee began its semiannual program review, using the OLAW semiannual program review check list as a template for evaluating ISU's animal care and use program. Prior to the convened meeting, subcommittees composed of IACUC members were appointed by the IACUC chair to review different aspects of the animal care program using the OLAW check list as a guide; these subcommittees presented the results of their evaluations at the convened meeting.

IACUC Protocol Review and IACUC Training

The committee reviewed the IACUC Protocol Review and IACUC Training sections of this checklist and had no concerns. The report indicated that no concerns were identified using criteria in the IACUC Protocol Review and IACUC Training sections of this checklist. The IACUC accepted the findings and no deficiencies were noted with the ISU animal care program in relation to these sections.

Animal Care and Use Program and Disaster Planning sections

The committee reviewed a report submitted by the subcommittee, prior to the meeting. The report indicated that no concerns were identified using criteria in the Animal Care and Use Program and the Disaster Planning sections of this checklist. The IACUC accepted the findings and no deficiencies were noted with the ISU animal care program in relation to these sections.

IACUC and IACUC Membership

The committee reviewed a report submitted by the subcommittee, prior to the meeting. The report indicated that no concerns were identified using criteria in the IACUC Membership and IACUC sections of the checklist. The IACUC accepted the findings and no deficiencies were noted with the ISU animal care and use program in relation to these sections.

IACUC Records, Personnel Qualification and Training and Animal Welfare Concerns

The committee reviewed a report submitted by the subcommittee, prior to the meeting. The report indicated that no concerns were identified using criteria in the IACUC Records, Personnel Qualification and Training and Animal Welfare Concerns sections of the checklist. The IACUC accepted the findings and no deficiencies were noted with the ISU animal care and use program in relation to these sections.

Occupational Health and Personnel Security

The committee reviewed a report submitted by the subcommittee, prior to the meeting. The report indicated that no concerns were identified using criteria in the Occupational Health and Personnel Security sections of the checklist. The IACUC accepted the findings and no deficiencies were noted with the ISU animal care and use program in relation to these sections.

Veterinary Care

The committee reviewed a report submitted by the subcommittee, prior to the meeting. The report stated that ISU's animal care program satisfied the criteria outlined in the Veterinary Care sections of the checklist. The IACUC accepted the

findings and no deficiencies with ISU's animal care and use program were noted with respect to these sections of the checklist.

There was a motion to accept the Semi-Annual Program Review with all responses marked as acceptable, except for areas that do not apply (e.g. Primate, etc.) all those will be marked N/A. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

f. LAR SOPs

This agenda item has been tabled until the next full committee meeting.

6. New discussion items

a. USDA Inspection

The AV gave an overview of the USDA site visit to committee members and noted there were no citations. Discussion was also held regarding other aspects of the visit (i.e. focused inspection, etc.).

b. Listing of items in injections/inoculations table

It was noted that if a PI is giving a drug orally, this dosage/drug should also be listed in the chart on the injections/inoculations tab.

c. Submission deadline/send out to committee

The IACUC administrator asked committee members if they were okay with changing the date protocols are posted for their review, from Thursday to Friday, noting that this still meets the appropriate requirements of review time. It was also noted if the DMR date moves (due to holiday, etc.) then the posting date may change to accommodate. The committee determined they were okay with this.

d. Disaster Plans

The committee reviewed two disaster plans. The committee discussed the first disaster plan and noted minor edits need to be made. It was noted these changes could be made administratively.

A motion was made to approve this disaster plan with the changes noted above. The motion was seconded.

8 total votes: 7 for / 0 against / 1 abstain

The committee also reviewed the second disaster plan and noted minor edits need to be made. It was noted this could be done administratively.

A motion was made to approve the second disaster plan with the change noted above. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

e. Drug Brand names

While reviewing protocols at DMR there was a question about a brand name drug being listed and if there was a generic version the PI may want to use instead and it was requested this discussion be brought to full committee. The AV noted that it may be best for PIs to start using the scientific name of the active drug rather than a brand name, so PIs are not limited to one brand (i.e. prevent them from being in noncompliance if they use a different drug). The committee noted they would keep this in mind while reviewing protocols for DMR and that this would only be for new protocols.

f. Farm SOPs

The committee members reviewed seven farm SOPs and noted that the transportation wording on all of them is the same and should be changed to be more specific per species, a few other minor edits were also requested. It was noted that some information should be corrected. All Farms SOPs were sent back requesting further clarification.

g. IACUC SOPs

This discussion item was added to the agenda based off of a comment during the USDA site visit. It was requested that a designation be provided in the minutes for USDA items. A change was made to the IACUC SOPs indicating this designation.

A motion was made approve the SOPs. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

7. PAM Monthly Report

The Post Approval Monitor (PAM) reported on one records check. It was noted that the PI monitored their animals and had all appropriate training however they did not keep written documentation. The PAM gave the PI the training template and suggested adding a column to their monitoring table for category E. The PAM had no concerns.

8. Clear pending PRFs/modifications

a. None at this time

9. Other items for discussion as brought forward by committee members

- 10. The committee was informed of minor modifications approved by the chair(s) in September.**
- 11. The committee was informed of protocols approved by designated member review in September.**
- 12. The committee was informed of modifications reviewed by VVC in September.**
- 13. Protocols that will be submitted when and if funding is granted.**
 - a. None at this time.

Meeting was adjourned at 9:29 AM

Minutes recorded by Confidential

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
November 4, 2019

Location: Conference Call

Present: [Redacted] Confidential

Members Absent: [Redacted] Confidential
[Redacted] Confidential

Guests: [Redacted] Confidential

Meeting called to order at: 3:27 PM

Voting totals indicate the number of members that were available to vote at the specific time voting took place. All committee members had all information prior to the meeting.

1. Protocols referred to the full committee for review

a. BMS 339 Clinical Foundations (IACUC ID: 19-123)

This protocol was referred to full committee due to timing. The IACUC chair gave an overview of the amendment and the committee discussed the animal number justification and class classification. The committee determined that justification was appropriate at this time but suggested that the PI could submit an amendment to further clarify animal numbers.

A motion was made to approve the amendment as written. The motion was seconded.

6 total votes: 6 for / 0 against / 0 abstain

2. Unfinished business from previous monthly meetings

a. None at this time

3. New discussion items

a. None at this time

4. PAM Monthly Report

a. None at this time

5. **Clear pending PRFs/modifications**
 - a. None at this time
6. **Other items for discussion as brought forward by committee members**
7. **The committee was informed of minor modifications approved by the chair(s) in October.**
8. **The committee was informed of protocols approved by designated member review in October.**
9. **The committee was informed of modifications reviewed by VVC in October.**
10. **Protocols that will be submitted when and if funding is granted.**
 - a. None at this time.

Meeting was adjourned at 3:30 AM

Minutes recorded by [REDACTED] Confidential

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
November 6, 2019

Location: 305 Kildee Hall

Present: Confidential

Members Absent: Confidential
Confidential

Guests: Confidential

Meeting called to order at: 9:02 AM

The meeting may not have followed this order but to be consistent with previous monthly minutes, the minutes were recorded in the following order. Voting totals indicate the number of members that were available to vote at the specific time voting took place.

1. Review Full Committee Meeting Minutes

The committee reviewed the October Full Committee Meeting Minutes and had no concerns.

A motion was made to approve the October minutes as written. The motion was seconded.

6 total votes: 6 for / 0 against / 0 abstain

2. Conflict of Interest Reminder

The committee members were reminded that if they think they have a conflict, they should remove themselves from the final review and vote.

3. Training Topic

The committee was given an overview of the new a-tune interface. It was noted the release of this new interface is planned for early January.

4. Protocols referred to the full committee for review

a. None at this time

5. Unfinished business from previous monthly meetings

a. Review of SOPs

None at this time

b. Facility Inspections

The committee was reminded that inspections for this round are finishing up but still have a few left.

c. PHS Assurance

The IACUC administrator notified the committee that only one more member needs to sign the document. This should be signed by the one remaining member today.

d. Semi-Annual Program Review

The IACUC administrator noted that the semi-annual program review will be ready for committee members to review and sign at the November special meeting.

e. LAR SOPs

This agenda item has been tabled until the next full committee meeting.

f. Farm SOPs

The committee reviewed updated versions of the farm SOPs based on committee questions from a previous full committee meeting. The committee had no concerns.

A motion was made to approve the updated SOPs as written. The motion was seconded.

7 total votes: 7 for / 0 against / 0 abstain

6. New discussion items

a. “Validation of a poll shot for euthanasia of bovines using a penetrating captive bolt” (IACUC 18-330) protocol update

A PI provided an update on their project per a request from the committee, after review at a DMR meeting.

b. January Full Committee Meeting Date

The committee was notified that the January full committee meeting will be on the 8th instead of the 1st, due to the holiday. Members were reminded to watch for an email regarding that meeting to ensure there will be quorum.

c. November Special Meeting

The committee was notified that a special meeting will be held on November 25th. This is so the semi-annual program review can be reviewed and signed. This meeting will take the place of the December full committee meeting. Members were reminded to watch for an email regarding that meeting to ensure there will be quorum.

d. Deficiencies/Suggestions

This agenda item has been tabled until the next full committee meeting.

e. Unanticipated Event “Cu-bis-glycinate relative bioavailability in ruminants” (IACUC ID 19-175)

The committee reviewed this unanticipated event and noted it seemed to be a rare occurrence based on the number of these procedures this research team has done. The attending veterinarian (AV) had emailed the IACUC office prior to the meeting (as she was unable to attend) noting that the committee could recommend the PI use an ultrasound machine in the future. The committee discussed if using an ultrasound machine was possible due to the size of the animal and location of procedure. The committee had no concerns with the unanticipated event.

The committee decided to accept the unanticipated event as written with the suggestion of possibly using the ultrasound machine in the future.

7. PAM Monthly Report

The Post Approval Monitor (PAM) reported on one study. The PAM watched a portion of the study and had no concerns. The PAM did give the training template to the PI for the future and noted that if they would like to add more personnel, a personnel amendment will need to be submitted.

8. Clear pending PRFs/modifications

- a. None at this time

9. Other items for discussion as brought forward by committee members

10. The committee was informed of minor modifications approved by the chair(s) in October.

11. The committee was informed of protocols approved by designated member review in October.

12. The committee was informed of modifications reviewed by VVC in October.

13. Protocols that will be submitted when and if funding is granted.

- a. None at this time.

Meeting was adjourned at 9:22 AM

Minutes recorded by Confidential

Institutional Animal Care and Use Committee
Iowa State University

Minutes of the Full Committee Meeting
November 25, 2019

Location: 305 Kildee Hall

Present: [Redacted] Confidential
[Redacted] Confidential

Members Absent: [Redacted] Confidential

Guests: [Redacted] Confidential

Meeting called to order at: 9:01 AM

The meeting may not have followed this order but to be consistent with previous monthly minutes, the minutes were recorded in the following order. Voting totals indicate the number of members that were available to vote at the specific time voting took place.

1. Review Full Committee Meeting Minutes

The committee reviewed the November Full Committee Meeting Minutes and one November Special Full Committee Meeting. The IACUC coordinator noted that prior to the meeting the location was changed, to reflect that it was a conference call, on the November special meeting minutes and these updated minutes were reposted to canvas. The committee had no concerns.

A motion was made to approve all minutes listed, as written. The motion was seconded.

6 total votes: 6 for / 0 against / 0 abstain

2. Conflict of Interest Reminder

The committee members were reminded that if they think they have a conflict, they should remove themselves from the final review and vote.

3. Training Topic

The attending veterinarian (AV) discussed the AAALAC site visit, which will be next year. She also noted a few training options for committee members.

4. Protocols referred to the full committee for review

- a. None at this time

5. Unfinished business from previous monthly meetings

a. Review of SOPs

The committee reviewed and discussed two updated SOPs that were due for their three year review.

A motion was made to approve the updated SOPs as written. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

b. Semi-Annual Program Review

The committee reviewed the semi-annual program review and facilities inspection report. At this time, no minority views have been reported. If no minority views are reported by the close of business on Wednesday, November 27, 2019, “No” will be marked for minority views on the semi-annual program review report.

A motion was made to accept the semi-annual program review and facilities inspection report. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

c. LAR SOPs

The IACUC administrator gave an overview of 18 LAR SOPs and noted these have already been reviewed and approved by LAR.

A motion was made to approve all LAR SOPs listed on the agenda, as written. The motion was seconded.

7 total votes: 7 for / 0 against / 0 abstain

One member did not vote, due to a conflict of interest.

d. Farm SOPs

The committee reviewed one updated farm SOP and had no concerns.

A motion was made to approve the SOP as written. The motion was seconded.

8 total votes: 8 for / 0 against / 0 abstain

e. January Full Committee Meeting Date

The committee was reminded that the January full committee meeting will be on the 8th instead of the 1st, due to the holiday.

f. Deficiencies/Suggestions

The committee discussed the difference between a deficiency and suggestion when they conduct an inspection. The committee noted they would like the IACUC office to document suggestions. The committee was also reminded that if they see something on an inspection that needs to be changed, it should be written as a deficiency.

6. New discussion items

a. DMR Schedule for Spring 2020

It was noted that the spring 2020 DMR schedule has been posted to canvas and will also be sent to members via email.

b. Unanticipated Event “Comparison of the Impact on Animal Welfare of Bleeding Methods in Mice” (IACUC ID: 19-227)

The PI attended the meeting and gave an overview of the unanticipated event. The AV noted that information on collecting blood in this manner and the possible over collection has not been well documented in published papers. The committee had no concerns with the unanticipated event.

The committee decided to accept the unanticipated event form as written.

c. Breeding colonies and cryopreservation

The AV discussed the use of cryopreservation on breeding protocols. It was noted that a question has been added to the annual renewal tab requesting information about if the pups/young produced had been, within the last year, transferred to another protocol.

d. Update on Mastitis in the Dairy Barn

The AV informed the committee about an increase in mastitis on the dairy farm and what is being done to help resolve the issue.

7. PAM Monthly Report

The Post Approval Monitor (PAM) reported on one study. During the visit it was noted that the PI had initially planned that they would be done on day 28, however it was realized that the study would need to be extended. The PI was in communication with alternate AV about their need to extend the study. It was suggested that in the future the PI give a range of days. The PI did submit an amendment requesting the extension and it was approved. The PAM noted the PI kept his training records

through LAR, but also gave him a template for internal trainings. The PAM had no concerns.

The PAM noted that a reoccurring visit with one group of PI's would be happening in December as they are wanting to begin their study in early 2020.

8. Clear pending PRFs/modifications

None at this time

9. Other items for discussion as brought forward by committee members

The committee was given an update on the rollout of the new interface in a-tune.

A committee member also asked about protocols at the vet teaching hospital, but it was noted there are a few areas of the vet hospital that are not overseen by the IACUC.

10. The committee was informed of minor modifications approved by the chair(s) in November.

11. The committee was informed of protocols approved by designated member review in November.

12. The committee was informed of modifications reviewed by VVC in November.

13. Protocols that will be submitted when and if funding is granted.

a. None at this time.

Meeting was adjourned at 9:58 AM

Minutes recorded by

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