

National Veterinary Service Laboratories/  
Center for Veterinary Biologics  
Institutional Animal Care and Use Committee (IACUC)  
June 26, 2019

Location: Building 20, Room 1056

Members Present: (b) (6)

(b) (6) (non-voting)

Absent: (b) (6) (non-voting)

**Call to Order**

(b) (6) opened the meeting at 11:03 AM. A quorum was present.

**Meeting Minutes**

Minutes from meeting March 27, 2019 were approved with addition to members present.

**Animal Care and Use Protocols:**

APH-2019-783 {Safety, Immunogenicity or Potency testing for Laryngotracheitis Virus (LTV) vaccines}

- Rationale: 1a- define "9 CFR" and use specific citation, reword for clarity; 2a- reword first sentence; 2c- grammar correction, more details on how animal number was selected
- Procedures- Exsanguination: match euthanasia section on anesthesia, Question 1- define when this would be done
- Procedures- Blood Collection: Question 1- define small amount, why typically done and range of birds; Question 4- define mild clinical changes
- Procedures- Challenge: consistency with Sequence & Timing on route of challenge, Question 3: clarify when anesthesia and exsanguination would take place
- Procedures-Inoculation: remove sentence about challenge
- Procedures- Challenge & Exsanguination: replace ILT with LTV

PI left room. Motion made to require modifications as listed above then route to Designated Reviewers to approve once changes are made. Motion seconded. No opposed. Motion approved.

**Protocol Activities Reviewed since last meeting:**

<b>Amendments:</b>	
-	Approved:
<b>Renewals:</b>	
- 2016-582	Approved: 4/18/19
- 2017-595	Approved: 5/3/19
- 2017-597	Approved: 5/8/19
- 2017-600	Approved: 5/8/19
- 2017-609	Approved: 4/30/19
- 2017-611	Approved: 4/18/19
- 2017-613	Approved: 3/28/19
- 2017-626	Approved: 6/7/19
- 2017-639	Approved: 5/28/19
- 2018-725	Approved: 4/24/19
- 2018-731	Approved: 6/11/19
- 2018-743	Approved: 5/30/19
	Approved: 4/26/19

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- 2018-767	
New:	
- 2019-778	Approved: 4/23/19
- 2019-780	Approved: 3/28/19
- 2019-781	Approved: 6/14/19

**Business**

1. RAMS- discussion on guidance document to help with protocol submission. (b) (6)  
(b) (6) will send out draft to committee.
2. Vivarium Humidity in feed storage room: Amega probe installed on April 4, 2019.
3. A new CVB member was welcomed and introductions were done.
4. Unexpected Outcome/Adverse Event: 12 chicks, one day old died on June 5, 2019 within 45 minutes of being placed in an isolator. Equipment and filtration are being reviewed. Will be discussed at July IACUC meeting.
5. NABR webinar "Q & A with the USDA" on July 10, 2019 at 11:30am room 1055
6. IACUC 101/201 in Bloomington, MN (Aug. 21 & 22, 2019)
7. Primary reviewers for July: (b) (6)
8. Renewals and Amendments for July: (b) (6)

**Adjourn**

(b) (6) adjourned the meeting at 12:28 pm.

National Veterinary Service Laboratories/  
Center for Veterinary Biologics  
Institutional Animal Care and Use Committee (IACUC)  
July 24, 2019

Location: Building 20, Room 1056

Members Present: (b) (6)

(b) (6)

(non-voting) & (b) (6)

(non-voting)

Absent: (b) (6)

**Call to Order**

(b) (6) (acting chair) opened the meeting at 11:07 AM. A quorum was present.

**Meeting Minutes**

Minutes from meeting June 26, 2019 were approved with addition to unexpected outcome/adverse event.

**Animal Care and Use Protocols:**

APH-2019-800 {Safety, Immunogenicity or Potency testing for Infectious Bursal Disease Virus Vaccines}

- Rationale: 2c- change "label" to "Outlines of Production"
- Procedures- Blood Collection: Question 4- update clinical signs to match other procedures
- Euthanasia- Exsanguination under sedation should be under anesthesia

PI left room. Motion made to require modifications as listed above then route to Designated Reviewers to approve once changes are made. Motion seconded. No opposed. Motion approved.

**Protocol Activities Reviewed since last meeting:**

<b>Amendments:</b> -	Approved:
<b>Renewals:</b> - 2017-651	Approved: 7/8/19
<b>New:</b> - 2019-782 - 2019-783 - 2019-801	Approved: 7/11/19 Approved: 7/17/19 Approved: 7/17/19

**Business**

1. RAMS- Guidance Document: Agent section 1.f. is needing some clarification. (b) (6) (b) (6) will be checking with (b) (6) on information. Discussion on Literature Searches for 9 CFR testing. They must be done to look for refinements to procedures or the study. A list of the troublesome spots on protocols will be pulled together as a quick-guide.
- 2.
3. Unexpected Outcome/Adverse Event: 12 chicks, one day old died on June 5, 2019 within 45 minutes of being placed in an isolator. Equipment and filtration are being reviewed by SSU. Will be updated at next IACUC meeting.
4. IACUC 101/201 in Bloomington, MN (Aug. 21 & 22, 2019)

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5. Primary reviewers for August: (b) (6)
6. Renewals and Amendments for August: (b) (6)

Adjourn

(b) (6) adjourned the meeting at 11:57 am.

National Veterinary Service Laboratories/  
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Institutional Animal Care and Use Committee (IACUC)  
August 28, 2019

Location: Building 20, Room 1056

Members Present: (b) (6)

(b) (6) (non-voting), (b) (6) (non-voting)

Absent: (b) (6) (non-voting), (b) (6)

**Call to Order**

(b) (6) (Chair) opened the meeting at 11:06 AM. A quorum was present.

**Meeting Minutes**

Minutes from meeting July 24, 2019 were approved with correction.

**Animal Care and Use Protocols:**

**Amendments**

ACUP #	Approval Date
2017-634	8/26/19
2017-651	8/26/19
2017-711	8/26/19

**Renewals**

2017-605	8/8/19
2017-618	8/13/19
2017-634	8/1/19
2017-652	8/13/19
2017-656	8/1/19

**New**

2019-800	8/13/19
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**Business**

1. RAMS- Guidance Document: Agent section 1.f (b) (6) will be checking with (b) (6) on information.
2. Unexpected Outcome/Adverse Event:
  - a. A chicken in building 520 was found under part of the raised decking with a broken leg. It was euthanized by care staff. Staff have been reminded to be watchful when washing down and moving the decking if chickens cannot be moved to another pen for cleaning.
  - b. 12 chicks, one day old died on June 5, 2019 Follow-up will be provided at September meeting on cage monitoring.
3. Semiannual Inspection Report all in attendance today signed.
4. Entry/Exit procedures were discussed. Door cards for blood donor locations will be updated for the building rather than printed with wording "follow facility guidelines".
5. NABR Webinar "Cautionary Trails: FOIA and Other Threats to Sustainability of Animal Research" Oct. 29, 2019 @ 11:30am in 1055/1057.
6. IACUC 101/201/301 in Houston, TX (Nov.6-8, 2019)
7. AALAS Webinar "Fish Welfare and Analgesia" Nov. 19, 2019 @ 12pm

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8. IACUC Training Workshop (SCAW)- Chicago, IL Nov. 22, 2019
9. Primary reviewers for September: (b) (6)
10. Renewals and Amendments for September: (b) (6)

Adjourn

(b) (6) adjourned the meeting at 11:31 am.

National Veterinary Service Laboratories/  
Center for Veterinary Biologics  
Institutional Animal Care and Use Committee (IACUC)  
September 25, 2019

Location: Building 20, Room 1056

Members Present: (b) (6) (b) (6) (non-voting) (b) (6) (non-voting)

Absent: (b) (6) (non-voting)

Visitors: (b) (6)

**Call to Order**

(b) (6) (Chair) opened the meeting at 11:01 AM. A quorum was present.

**Meeting Minutes**

Minutes from meeting August 28, 2019 were approved.

**Animal Care and Use Protocols:**

APH-2019-811 {Code of Federal Regulations 9 (9 CFR) 113.36 Detection of pathogens by chicken inoculation test of poultry biologic products}

- Species – removing category D.
- Agent Information – 1.d – Include comb scarification; 1.f. – change box selection.
- Rationale: 1a- define biological products; 2a-grammar corrections and add statement about this test being done when in vitro fails; 2c-clarify how you get the number 300 for birds
- Procedure – Inoculation- add “at least” prior to 14 days, question 3- state that research staff are doing the observations in addition to daily animal care observations
- Procedure Description - Description 1: add wording, and clarify initial dosing and define 21 days; Description 3: grammar correction, clarify who will observe
- Literature Search – Question 2: include alternatives statement and Question 4: grammar correction
- Sequence and Timing – state if these are commercial poultry products
- Euthanasia –grammar correction

PI left room. Motion made to require modifications as listed above then route to Designated Reviewer to approve once changes are made. Motion seconded. No opposed. Motion approved.

**Amendments**

ACUP #	Approval Date
2016-552	8/28/19
2017-656	9/30/19
2017-666	8/28/19
2017-709	8/28/19
2017-710	9/30/19
2018-759	9/9/19

**Renewals**

2016-552	8/28/19
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Institutional Animal Care and Use Committee (IACUC)  
September 25, 2019

2017-656	9/4/19
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New

2019-790	8/28/19
2019-807	9/12/19
2019-816	9/5/19

**Business**

1. Welcomed new members and chair – (b) (6) replacing (b) (6) will become the chair and (b) (6) replacing (b) (6) starting Oct. 1, 2019
2. RAMS- Guidance Document: Agent section 1.f discuss at next meeting.
3. Unexpected Outcome/Adverse Event:
  - a. 12 salmon died due to waste water, and out flow water backed up. Engineer requested that outflow be shut off. This impacted oxygen levels. In further investigation, cleaning of sensors seemed to improve the O2 flow. Staff will do a routine sensor check. AAALAC was notified of loss.
  - b. Follow-up on Poultry Isolators: testing's on airflow will continue. Follow up to come at October's meeting.
  - c. Wind storm occurred on September 9. Clinical Vets observed all animals and found none to have been affected. Four huts were destroyed at buildings, A3, C7 and B2. Other locations were opened for alternative shelter for the animals. Some livestock trailers were damaged as well.
4. Audits: APH-2017-710 Turkeys & APH-2017-597 Sheep
  - a. On 9/3/19, twenty-two turkeys were vaccinated with a SQ injection in the neck. Enrichment was provided and more was being discussed as some pecking was occurring. Records were complete at the time.
  - b. On 9/19/19, four sheep were bleed for coming off test and three sheep were placed on test with SQ injections in the flanks. Records were complete at the time. Recommend fence replacement due to rusting.
5. NABR Webinar "Cautionary Trails: FOIA and Other Threats to Sustainability of Animal Research" Oct. 29, 2019 @ 11:30am in 1055/1057.
6. IACUC 101/201/301 in Houston, TX (Nov.6-8, 2019) – (b) (6) is attending
7. AALAS Webinar "Fish Welfare and Analgesia" Nov. 19, 2019 @ 12pm
8. IACUC Training Workshop (SCAW)- Chicago, IL Nov. 22, 2019
9. Primary reviewers for October: (b) (6)
10. Renewals and Amendments for October: (b) (6)

**Adjourn**

(b) (6) adjourned the meeting at 12:07 pm.



National Veterinary Service Laboratories/  
Center for Veterinary Biologics  
Institutional Animal Care and Use Committee (IACUC)  
December 4, 2019

Location: Building 20, Room 1054

Members Present: (b) (6) (arrived 11:17) (b) (6)  
(b) (6) (non-voting) & (b) (6) (non-voting) (b) (6)

**Call to Order**

(b) (6) (Chair) opened the meeting at 11:08 AM. A quorum was present.

**Meeting Minutes**

Minutes from meeting September 25, 2019 were approved with date correction in header.

**Animal Care and Use Protocols:**

APH-2019-835 {Code of Federal Regulations 9 (9 CFR) 113.36 Detection of pathogens by chicken inoculation test of poultry biologic products}

- Species – Question 10- reword.
- Rationale: 1a- reword for clarity. 2a- state CVB notice. 2c- clarify statement on animals moving between groups and define PREL
- Entry Procedures –Specify PPE to be worn and additional items needed for at challenge as well as after
- Procedure Description – Question 3: insert wording, clarify observations as well as statement about animals when moribund
- Procedures- Reagent Evaluation – Question 1: Clarify what is being injected; Question 3: insert word
- Attachment- Risk Assessment- match CFR language, include background information, and remove personal statement
- Literature Search- Question 2- insert word and state actual CVB notice

Motion made to require modifications as listed above then route to Designated Reviewers for approval once changes are made. Motion seconded. No opposed. Motion approved.

**Amendments**

ACUP #	Approval Date
2017-595	9/27/19
2017-605	10/11/19
2017-613	10/11/19
2017-634	11/19/19
2017-654	11/19/19
2017-654	9/27/19
2018-743	10/11/19
2018-762	11/7/19
2018-769	10/11/19
2019-781	9/27/19

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December 4, 2019

2019-782	9/27/19
2019-783	9/27/19
2019-790	9/27/19
2019-800	9/27/19
2019-801	10/29/19
2019-816	9/26/19

**Renewals**

2017-683	11/26/19
2018-751	11/20/19
2018-755	11/4/19

**New**

2019-811	11/1/19
2019-821	10/29/19

**Business**

1. RAMS- Guidance Document: Agent section 1.f discuss at next meeting.
2. Unexpected Outcome/Adverse Event:
  - a. Previously discussed event of 12 salmon died. Final update of no additional fish losses.
3. NABR Webinar "Cautionary Trails: FOIA and Other Threats to Sustainability of Animal Research" Dec. 5, 2019 @ 12:00pm in 1055/1057 (replay)
4. Semiannual Facility Inspections: January 6-February 7, 2020

**Next meeting** – January 22 at 9 a.m.

**Presenters** – (b) (6)

**Renewal/Amendments** – (b) (6)

**Adjourn**

(b) (6) adjourned the meeting at 12:23 pm.