OIE Collaborating Centres Reports Activities

Activities in 2019

This report has been submitted: 2020-01-08 16:03:00

| Title of collaborating centre: | Vaccine Evaluation in the Americas |
| Address of Collaborating Centre: | College of Veterinary Medicine Iowa State University Ames, Iowa 50011 UNITED STATES OF AMERICA |
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| Fax: | +1-515 294.82.59 |
| E-mail address: | iicab@iastate.edu |
| Website: | www.cfsph.iastate.edu/iicab/ |
| Name of Director of Institute (Responsible Official): | James A. Roth, DVM, PhD |
| Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point): | James A. Roth, DVM, PhD, Director, Institute for International Cooperation in Animal Biologics and OIE Collaborating Center for Vaccine Evaluation in the Americas |
| Name of writer: | Jane Galyon, MS |
ToR: To provide services to the OIE, in particular within the region, in the designated specialty, in support of the implementation of OIE policies and, where required, seek for collaboration with OIE Reference Laboratories

ToR: To identify and maintain existing expertise, in particular within its region

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by the OIE

<table>
<thead>
<tr>
<th>Disease control</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>Preparedness Resources</td>
</tr>
<tr>
<td>Secure Food Supply Projects</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Training, capacity building</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>Veterinary Biologics Training Program</td>
</tr>
<tr>
<td>Veterinary Immunology and Vaccinology online training</td>
</tr>
</tbody>
</table>

ToR: To propose or develop methods and procedures that facilitate harmonisation of international standards and guidelines applicable to the designated specialty

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare
Proposal title | Scope/Content | Applicable area
--- | --- | ---
Veterinary Biologics Training Program | Information on the US processes for assuring purity, potency, safety and efficacy of veterinary biologics. Includes US activities in harmonization of veterinary biologics; 138 participants in 2019, including 39 international representatives | ☑️Surveillance and control of animal diseases ☑️Food safety ☑️Animal welfare
Secure Food Supply Projects | Discussions on avoiding interruptions in animal product/animal movement to commercial processing from farms with no evidence of infection during a foreign animal disease outbreak. Presentations at state, national and international meetings | ☑️Surveillance and control of animal diseases ☑️Food safety ☑️Animal welfare

**ToR: To establish and maintain a network with other OIE Collaborating Centres designated for the same specialty, and should the need arise, with Collaborating Centres in other disciplines**

**ToR: To carry out and/or coordinate scientific and technical studies in collaboration with other centres, laboratories or organisations**

3. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

<table>
<thead>
<tr>
<th>Name of OIE CC/RL/other organisation(s)</th>
<th>Location</th>
<th>Region of networking Centre</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaccine Evaluation in the Americas</td>
<td>USDA Center for Veterinary Biologics, Ames Iowa</td>
<td>☑️Africa ☑️Americas ☑️Asia and Pacific ☑️Europe ☑️Middle East</td>
<td>IICAB is a joint collaborating center with the USDA CVB</td>
</tr>
</tbody>
</table>

4. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

Yes

<table>
<thead>
<tr>
<th>Name of OIE CC/RL/other organisation(s)</th>
<th>Location</th>
<th>Region of networking Centre</th>
<th>Purpose</th>
</tr>
</thead>
</table>
**Laboratory Animal Welfare and Science**

Washington, DC

Evaluate and work to reduce animal testing in vaccine development and evaluation

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**ToR: To place expert consultants at the disposal of the OIE.**

5. Did your Collaborating Centre place expert consultants at the disposal of the OIE?

Yes

<table>
<thead>
<tr>
<th>Name of expert</th>
<th>Kind of consultancy</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Roth</td>
<td>Participant in ad hoc group on Compartmentalisation for ASF</td>
<td>Ad Hoc group formed in Dec 2019.</td>
</tr>
</tbody>
</table>

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**ToR: To provide, within the designated specialty, scientific and technical training to personnel from OIE Member Countries**

6. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by the OIE, to personnel from OIE Member Countries?

Yes

- a) Technical visits: 0
- b) Seminars: 138
- c) Hands-on training courses: 0
- d) Internships (>1 month): 0

<table>
<thead>
<tr>
<th>Type of technical training provided (a, b, c or d)</th>
<th>Content</th>
<th>Country of origin of the expert(s) provided with training</th>
<th>No. participants from the corresponding country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterinary Biologics Training Program</td>
<td>Week long course on the USDA process for assuring purity, potency, safety and efficacy of veterinary biologics</td>
<td>Argentina, Australia, Canada, China, Croatia, Egypt, Israel, Japan, New Zealand, Paraguay, Republic of Korea, Singapore, South Korea, United Arab Emirates (UAE), Uruguay</td>
<td>39</td>
</tr>
</tbody>
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**ToR: To organise and participate in scientific meetings and other activities on behalf of the OIE**

7. Did your Collaborating Centre organise or participate in the organisation of scientific meetings on behalf of the OIE?

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ToR: To collect, process, analyse, publish and disseminate data and information relevant to the designated specialty

8. Publication and dissemination of any information within the remit of the mandate given by the OIE that may be useful to Member Countries of the OIE

a) Articles published in peer-reviewed journals: 3

b) International conferences: 3
Chulalongkorn University Veterinary Conferences (CUVC). Bangkok, Thailand. Apr 24-26, 2019.
  • “ASF Threat, a Global Perspective”
  • “Secure Pork Supply Plan: Maintaining National Food Security in an Outbreak of Foreign Animal Diseases”
  • “Principles of Swine Immunology”
  • “Principles of Swine Vaccinology”


c) National conferences: 27
Foreign Animal Disease Preparedness: What to Expect and How to Prepare at locations throughout Iowa, February 7, 12, 26; March 5, 12, 2019.
Secure Milk Supply: Processing Plants (day 1) Farms (day 2), Indiana Milk Quality Professionals Annual Meeting, Plymouth, IN, April 9-10, 2019.
Case Study Review Committee, Swine Health Information Center “Is it time for an NPIP like program for the US pork industry?”. Clive, IA. May 7, 2019.
National Alliance of State Animal and Agricultural Emergency Programs. "Update on the Secure Food Supply Plans". Bellevue, WA. Dec 10-12, 2019

Committee for Transboundary and Emerging Diseases at the American Association of Swine Veterinarians Annual Meeting- Orlando, FL, March 9, 2019

Secure Pork Supply as a component of Pork Quality Assurance (PQA) Train-the-trainer in Des Moines, Omaha, and Orlando, March 9, 14, 26, 2019.

Committee for Transboundary and Emerging Diseases at the American Association of Swine Veterinarians Annual Meeting- Orlando, FL, March 9, 2019.


USDA Wildlife Services Foreign Animal Disease Awareness Course- Fort Collins, CO, June 18, 2019.


Secure Food Supply Plan: Preparing your Clients, South Dakota Veterinary Medical Association Annual Meeting, Sioux Falls, SD, August 12, 2019.

National Pork Board’s Swine Education In-Service in Sacramento, CA, October 23, 2019.

2019 Webinars
Secure Milk Supply Overview for NVSL/FADDL (webinar), January 16, 2019.

Secure Beef Supply Train-the-Trainer for MN Beef Council, MN State Cattlemen’s, University of MN Extension (webinar), March 4, 2019.


Secure Pork Supply Webinar (national audience) for USDA TEP prior to ASF Exercise, April 24, 2019.


d) Other
(Provide website address or link to appropriate information): 7


www.cfsph.iastate.edu/IICAB/
http://www.cfsph.iastate.edu/Secure-Food-Supply/index.php
Secure Beef Supply website: www.securebeef.org
Secure Pork Supply website: www.securepork.org
Secure Milk Supply website: www.securemilksupply.org

9. Additional comments regarding your report: