

OIE Collaborating Centres Reports Activities

Activities in 2018

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Title of collaborating centre:	Diagnosis and Vaccine Evaluation in the Americas
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Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):	Dr. Byron E. Rippke, Director
Name of writer:	Ms. T. G. Weiland

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

Training, capacity building	
Title of activity	Scope
cohosted the OIE/IICAB 2018 Veterinary Biologics Training Program	The program provided training on manufacturing and regulatory requirements to 39 international participants representing 19 countries: Argentina, Australia, Brazil, Canada, Chile, China, Denmark, Egypt, Ethiopia, France, Germany, Israel, Japan, Mexico, Republic of Korea, Singapore, Turkey, Ukraine, and Zambia
Diagnosis, biotechnology and laboratory	
Title of activity	Scope
Inspection and compliance activities for international veterinary biologics manufacturers	Various facilities in a total of 8 countries (Belgium, France, Canada, Israel, Netherlands, Serbia, South Korea, and Germany) were evaluated for production of veterinary biologics in support of their importation into the United States.
Veterinary medicinal products	
Title of activity	Scope
Participate in VICH and CAMVET harmonization activities	Focused on harmonization of veterinary medicinal products and providing outreach to developing countries.
Vaccines	
Title of activity	Scope
Continued development of an ELISA to test potency of killed rabies vaccines (RV)	RV manufacturers have continued their work on ELISA as an alternative assay for rabies potency and data is yet to be submitted to CVB. Meanwhile, CVB participated in a rabies meeting organized by IABS at NIH in October 2018. The meeting provided a platform for a collaborative discussion with international RV manufacturers and research experts, both human and veterinary vaccines, to evaluate current status and future goals for ELISA as an alternative assay for NIH potency test.

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
Harmonisation of Target Animal Batch Safety Exemption Issues	CVB participated in TABSE harmonization, addressed in VICH documents GL55 & GL50 for live and inactivated vaccines, respectively. The VSM 800.116, Target Animal Safety Testing Exemption (August 14, 2017) was published to implement VICH guidance on TABSE.	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> Animal welfare
Harmonisation of Lab Animal Safety Testing	CVB participated in VICH discussions regarding Lab Animal Safety testing, in order to pursue further exemptions and reduction in animal testing, a Reduce-Refine-Replace (3R) initiative. The draft is being circulated for finalizing.	<input type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input checked="" type="checkbox"/> Animal welfare
Harmonization of Extraneous Agent Testing	A draft on Harmonization of Extraneous Agent Testing was reviewed and commented on by the CVB. There were some aspects of testing that generated some discussions and there is difference of opinion on some of the testing issues. Further discussions are needed to iron out the differences prior to moving forward.	<input checked="" type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input type="checkbox"/> 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

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
• Ministry of Agriculture, Government of Japan	USA	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Takashi Kozasa, D.V.M., Senior Officer for Biosafety Assay Division I, National Veterinary Assay Laboratory (NVAL) Ministry of Agriculture, Forestry and Fisheries, Government of Japan, visited the CVB to get an overview of programs. Dr. Kozasa conducts National Assay testing of veterinary biological products for the NVAL in Japan.

Chinese Veterinary Drug Association Delegation	USA	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Chinese Veterinary Drug Association Delegation organized by Jishu Shi consisted of 18 members representing various pharmaceutical companies in China. The CVB gave presentations highlighting our manufacturing and regulatory guidelines.
JMAFF (Japanese regulatory program)	USA	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Kota Sato with JMAFF (Japanese regulatory program) visited our facility to learn about CVB's licensing, testing, and inspection procedures.

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

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
Centers for Disease Control and Prevention, USDA Agricultural Research Service, National Animal Health Laboratory Network, Center for Epidemiology and Animal Health	USA	<input type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Share influenza virus and vaccine information (for all pertinent species), and coordinate surveillance, testing, and analysis

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

Name of expert	Kind of consultancy	Subject
Dr. Byron Rippke	CVB edit and review of 12 sections in various chapters	2019 edition of OIE Manual of Standards for Diagnostic Tests and Vaccines
Dr. Byron Rippke	Represented the US on the Committee of Veterinary Medicines for the Americas (CAMEVET)	Information sharing, trade facilitation, and harmonization of the registration of veterinary biological products
Dr. Byron Rippke	Represented the US at two Veterinary International Conferences on Harmonization (VICH)	Information sharing, trade facilitation, and harmonization of the registration of veterinary biological products

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: 39
- c) Hands-on training courses: 0
- d) Internships (>1 month): 0

Type of technical training provided (a, b, c or d)	Content	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
b	Cohosted the OIE/IICAB 2018 Veterinary Biologics Training Program	Argentina, Australia, Brazil, Canada, Chile, China, Denmark, Egypt, Ethiopia, France, Germany, Israel, Japan, Mexico, Republic of Korea, Singapore, Turkey, Ukraine, and Zambia	39

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?

No

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: 0

- b) International conferences: 1

Invited Panel Expert at the OIE Rinderpest Meeting Paris, France December 15-20. Represented the United States in order to develop policy on standards required for the manufacturing of Rinderpest vaccine. Rinderpest has been eradicated from the world, but vaccine stocks are required in the event an outbreak emerges. The vaccine could potentially be used in the United States, and therefore, it is important for representation during this policy-making meeting to ensure U.S.-specific concerns regarding the safety of the vaccine are considered.

- c) National conferences: 0

d) Other

(Provide website address or link to appropriate information): 0