# OIE Collaborating Centres Reports Activities

## Activities in 2015

This report has been submitted: 2016-01-22 10:32:14

<table>
<thead>
<tr>
<th><strong>Title of collaborating centre:</strong></th>
<th>Diagnosis, Control and Assessment in Asia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address of Collaborating Centre:</strong></td>
<td>(1) National Institute of Animal Health, NARO, 3-1-5 Kannondai, Tsukuba, Ibaraki 305-0856 JAPAN (2) National Veterinary Assay Laboratory, 1-15-1 Tokura, Kokubunji, Tokyo 185-8511 JAPAN</td>
</tr>
<tr>
<td><strong>Tel.:</strong></td>
<td>(1) +81-42-321-1441</td>
</tr>
<tr>
<td><strong>Fax:</strong></td>
<td>(1) +81-42-321-1862</td>
</tr>
<tr>
<td><strong>E-mail address:</strong></td>
<td><a href="mailto:skenichi@affrc.go.jp">skenichi@affrc.go.jp</a></td>
</tr>
<tr>
<td><strong>Website:</strong></td>
<td>(1) <a href="http://niah.affrc.go.jp/index.html">http://niah.affrc.go.jp/index.html</a> (2) <a href="http://www.maff.go.jp/nval/english/">http://www.maff.go.jp/nval/english/</a></td>
</tr>
<tr>
<td><strong>Name of Director of Institute (Responsible Official):</strong></td>
<td>(1) National Institute of Animal Health, NARO: Dr. Tomoyuki Tsuda, Director General (2) National Veterinary Assay Laboratory: Dr. Minoru Yamamoto, Director General</td>
</tr>
<tr>
<td><strong>Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):</strong></td>
<td>Dr. Kenichi Sakamoto, Director of Exotic Disease Research Division, National Institute of Animal Health, NARO</td>
</tr>
<tr>
<td><strong>Name of writer:</strong></td>
<td>(1) National Institute of Animal Health, NARO: Dr. Kazuhiro Yoshihara, Head of Planning and Promotion Section (2) National Veterinary Assay Laboratory: Dr. Shoko Iwamoto, Technical and Guidance Section Leader</td>
</tr>
</tbody>
</table>
**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>
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<tbody>
<tr>
<td><strong>Title of activity</strong></td>
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<tr>
<td>Holding of the 4th Japan-Thailand Joint Conference on Animal Health 2015 in Tsukuba, Japan on 15, 16 July.</td>
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<table>
<thead>
<tr>
<th>Epidemiology, surveillance, risk assessment, modelling</th>
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<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>Attendance to “2015 International Workshop on Highly Avian Influenza and Bird Migration” at the invitation of Animal and Plant Quarantine Agency (QIA) in Korea on May 27, 28.</td>
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<tr>
<th>Training, capacity building</th>
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<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>JICA Project on Capacity Development of Animal Health Laboratory in Indonesia.</td>
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<thead>
<tr>
<th>Diagnosis, biotechnology and laboratory</th>
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<tbody>
<tr>
<td><strong>Title of activity</strong></td>
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<tr>
<td>Invitation from National Institute of Veterinary Research, Vietnam as a part of the project entitled “the use of baculovirus expression system for recombinant protein productions of porcine cirovirus type 2 for veterinary uses of diagnosis and material for vaccine production” on 14-16 Sep.</td>
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<tr>
<th>Veterinary medicinal products</th>
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<tbody>
<tr>
<td><strong>Title of activity</strong></td>
</tr>
<tr>
<td>Approval Activities for veterinary medicinal products and vaccines</td>
</tr>
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</table>
### Other (Name the category)

<table>
<thead>
<tr>
<th>Title of activity</th>
<th>Scope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance at Laboratory Technical Advisory Group (LAB-TAG) meeting on 7, 8 Oct in Thailand.</td>
<td>Dr. K. Sakamoto attended the LAB-TAG meeting and provided technical assistance as an expert.</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

<table>
<thead>
<tr>
<th>Proposal title</th>
<th>Scope/Content</th>
<th>Applicable area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of the VICH guidelines (GLs) concerning to studies to evaluate the bioequivalence of veterinary drugs.</td>
<td>-To develop the new VICH GL 52 (blood level bioequivalence study)</td>
<td>-Surveillance and control of animal diseases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Food safety</td>
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<tr>
<td></td>
<td></td>
<td>-Animal welfare</td>
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**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>Animal, Plant and Fisheries Quarantine and Inspection Agency</td>
<td>Korea</td>
<td>-Africa</td>
<td>General MOU on promoting research cooperation in the fields of mutual interest such as surveillance, diagnosis and control of major animal diseases.</td>
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<tr>
<td></td>
<td></td>
<td>-Americas</td>
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<td></td>
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<td>-Asia and Pacific</td>
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<td></td>
<td>-Europe</td>
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<td>-Middle East</td>
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</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?

**No**
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>Toshiyuki Tsutsui</td>
<td>The OIE Code Committee</td>
<td>A member</td>
</tr>
</tbody>
</table>

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: 7
b) Seminars: 50
c) Hands-on training courses: 6
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>a</td>
<td>NIAH has dispatched a researcher as JICA experts (biochemistry) to JICA project on capacity development of animal health laboratory at Disease Investigation Center Subang, Indonesia.</td>
<td>Indonesia</td>
<td>3</td>
</tr>
</tbody>
</table>

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?

Yes

<table>
<thead>
<tr>
<th>National/International</th>
<th>Title of event</th>
<th>Co-organiser</th>
<th>Date (mm/yy)</th>
<th>Location</th>
<th>No. Participants</th>
</tr>
</thead>
</table>
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: 61

(1) NIAH


(2)NVAL


6) Hamamoto K., Mizuno Y. LC-MS/MS measurement of ampicillin residue in swine tissues at 5 days after in-feed administration, Journal of Veterinary Medical Science. 2015 Vol.77, No. 11, 1527-1529.


b) International conferences: 35

(1)NIAH


2) Fukai K., et al. Horizontal transmissibility of a foot-and-mouth disease virus from cows to pigs. 2nd FMD Scientific Meeting for East Asia under the OIE/JTF Project on FMD Control in Asia, Tokyo, Japan, 12 June 2015.


10) Morioka K., et al. Development and evaluation of lateral flow assay for antigen detection and serotyping of FMD. 2nd FMD Scientific Meeting for East Asia under the OIE/JTF Project on FMD Control in Asia, Tokyo, Japan, 12 June 2015.


20) Suzuki T., et al. Genetic and antigenic characterization of porcine epidemic diarrhea virus (PEDV) collected in Japan from 2013 to 2014. The 7th International Symposium on Emerging and Re-emerging Pig Diseases, Kyoto,


(2) VICAL


5) Kozasa T., et. al., How to use VICH GLs. The 5th VICH Open Conference, 28 October 2015.

6) Noda K., VICH Task Force for Efficacy Studies for Combination Products, Progress Report for the 31th SC /5th VOF meeting. VICH Outreach Forum 5th meeting, 24 February 2015.

7) Noda K., VICH Task Force for Efficacy Studies for Combination Products, Progress Report for the 32th SC /6th VOF meeting. VICH Outreach Forum 6th meeting, 26 October 2015.


c) National conferences:  40

(2) VICAL
1) Aihara N., Understanding the pathogenesis of cryoglobulinemia in experimentally Capillaria hepatica infected mouse. The 158th meeting of the Japanese Society of Veterinary Science. 9 September 2015.

2) Eguchi K., Procedures for Veterinary Medicinal Products approval. 35th Training Workshop for MAH on Veterinary Medicinal Products. 24 and 27 February 2015.

3) Endo Y., The past, the present and the future of VICH. Summer Seminar on the Japanese Cooperative Society for Veterinary Medicinal Products, 7 August 2015.


8) Hiki M., Correlation of Minimum Inhibitory Concentration (MIC) between Ceftiofur derived from livestocks and Third Generation Cephalosporins for humans. The 158th meeting of the Japanese Society of Veterinary Science. 8 September 2015.


13) Iwamoto S., Overview of National Veterinary Assay Laboratory (NVAL) and GMP inspection. Veterinary pharmaceutical training workshop on Pharmacist Group for Veterinary Pharmaceutical, Japan Pharmaceutical Association, 2015. 29 January 2015 and 4 February 2015.


19) Koike R., et al., Comparison of antimicrobial susceptibility between bacteria isolated from the slaughterhouse and the farm. The 158h meeting of the Japanese Society of Veterinary Science. 8 September 2015.

20) Morioka A., Specific procedures of package inserts notification and establishment of recommendation regarding context of package inserts. Winter Seminar on Cooperative Society for Veterinary Medicinal Products. 5 March 2015.


22) Noda K., Progress and perspective in harmonization of veterinary medicinal products among Japan, EU and
US. 47th JVPA (Japan Veterinary Products Association) Academic Seminar. 1 September 2015.

23) Noda K., Quality control of regenerative medicinal products for veterinary use. -Technical explication of relating laws and the challenge in pre-competitive collaboration-. JSAVBR (The Japanese Society for Animal Vaccine and Biomedical Research) Symposium. 9 September 2015.


25) Ohmori J., Act amendment concerning package inserts and establishment of recommendation regarding context of package inserts. 35th Training Workshop for MAH on Veterinary Medicinal Products. 24 and 27 February 2015.


27) Oishi K., Basic knowledge of Veterinary Biological Products. The Training Course for Certification of Veterinary Drug Sellers. 12 November 2015.

28) Ozawa M., Epidemiology of Antimicrobial-resistant Bacteria Isolated from Food-producing Animals. 45th Japan Society for Veterinary Epidemiology Conference. 9 September 2015.


36) Shimazaki T., Relationship between JMAFF and applicants in Veterinary Medicinal Products approval procedures. Meetings for MAH Pharmaceutical Affairs Manager. 12 March 2015.


d) Other

(Provide website address or link to appropriate information): 2
(2) NVAL
