

OIE Collaborating Centres Reports Activities

Activities in 2018

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Title of collaborating centre:	Animal Feed Safety and Analysis
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Name of Director of Institute (Responsible Official):	Dr. Makoto KIMURA President
Name (including Title and Position) of Head of the Collaborating Centre (formally OIE Contact Point):	DVM Minoru YAMAMOTO Vice-president
Name of writer:	Mr. Sayaka HASHIMOTO Director, Feed Analysis II Division, Fertilizer and Feed Inspection Department

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

Feed safety	
Title of activity	Scope
Information sharing	FAMIC supplied the following information about feed safety and analysis, not only for Japan but also for feed-related manufacturers in the world. <ul style="list-style-type: none"> • Information on feed regulation in Japan • Official methods of analysis for feed and relevant information • Results of the monitoring of feed and feed ingredients collected in Japan
Participation in the international/national conference	<input type="checkbox"/> Expert Group Meeting on Antimicrobial Resistance and Prudent Use of Antimicrobials, Tokyo, Japan, 14 May 2018. <input type="checkbox"/> Meeting to Know Now about Measures of Antimicrobial resistance - Movement of the World and Movement in Japan -,Tokyo, Japan, 2 December 2018.

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
Research on methods of analysis for animal feed	FAMIC developed, validated or improved the following official methods of analysis for feed destined to food-producing animals. <ul style="list-style-type: none"> •Detection Method for Deer DNA in Meat and Bone Meal Using Polymerase Chain Reaction-based Method. •Detection Method for Deer Protein in Meat and Bone Meal by ELISA. 	<input type="checkbox"/> Surveillance and control of animal diseases <input checked="" 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
Laboratories in Asia and the Pacific	Bangladesh, Bhutan, Chinese Taipei, Indonesia, Myanmar, Nepal	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	Information sharing (Mailing lists have already been created. Full-fledged activities are planned for the future)

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
National Veterinary Assay Laboratory (OIE Collaborating Centre for Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia)	Tokyo, Japan	<input type="checkbox"/> Africa <input type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input type="checkbox"/> Europe <input type="checkbox"/> Middle East	JVARM (the Japanese Veterinary Antimicrobial Resistance Monitoring System) has been in place since 1999 in response to international concern about the impact of antimicrobial resistance on public health. In this system, FAMIC has a vital role in analyzing monitoring results for the presence of antimicrobial resistant bacteria in collaboration with the National Veterinary Assay Laboratory in Japan.

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?

No

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?

No

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: 0

c) National conferences: 1

M. Yamamoto, "NVAL and FAMIC: Activities relating to AMR and Contributions to the Region as OIE Collaborating Centres", Meeting to Know Now about Measures of Antimicrobial resistance - Movement of the World and Movement in Japan -, Tokyo, Japan, 2 December 2018.

d) Other

(Provide website address or link to appropriate information): 11

T. Okumura, T. Inoue, Y. Hashimoto, Y. Sekiguchi and S. Hashimoto (2018), Development of Detection Method for Deer DNA in Meat and Bone Meal Using Polymerase Chain Reaction-based Method, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 1-9.

Z. Takeda, K. Miyanoya, Y. Hashimoto, Y. Sekiguchi and S. Hashimoto (2018), Validation Study on Detection Method for Deer Protein in Meat and Bone Meal by ELISA, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 10-16.

C. Suzuki and S. Yasuda (2018), Study of Crude Fat Measurement Methods in Dried Whole Milk and Formula Feed Using it as a Main Ingredient, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 17-21.

E. Arai, N. Saegusa and K. Yamamoto (2018), Development of Determination Method of Ferimzone in Rice Straw, Whole-crop Rice Silage and Paddy Rice for Feed by LC-MS/MS, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 22-35.

A. Yano and Y. Sakakibara (2018), Development of Determination of Hydroxyisoxazol in Rice Straw and Paddy Rice for Feed by LC-MS, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 36-47.

S. Tanaka and M Kuwabara (2018), Collaborative Study on Simultaneous Determination Method of Carbaryl, Carbofuran and Fenobucarb in Feed by LC-MS/MS, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 48-57.

M. Yoshimoto and M. Saiki (2018), Collaborative Study on Determination Method of 3-Hydroxycarbofuran in Feed by LC-MS/MS, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 58-64.

H. Tateishi and M. Kuwabara (2018), Validation Study on Analyte Expansion to the Simultaneous Determination Method for Clothianidin, Dinotefuran and Thiamethoxam in Rice Straw, Whole-crop Rice Silage and Paddy Rice by LC-MS/MS for Imidacloprid, Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 65-77.

S. Yasuda, M. Saiki, N. Saegusa, M. Kato, A. Numata and Y. Sakakibara (2018), Proficiency Test (in the Fiscal Year 2017), Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 78-105.

Feed Analysis 1st Division and 2nd Division, Fertilizer and Feed Inspection Department (2018), Monitoring Results of Undesirable Substances in Feeds (in the Fiscal Year 2017), Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 106-127.

Feed Analysis 2nd Division, Fertilizer and Feed Inspection Department (2018), Results of Official Testing of Specified Feed Additives (in the Fiscal Year 2017), Research Report of Animal Feed, 43, Food and Agricultural Materials Inspection Center, Saitama, 128-138.