# THE OFFICIAL

Official acts and recommendations



**# OFFICIAL ACTS** 

# EXPERT REPORTS

# ANIMAL HEALTH





### **ACTIVITIES & PROGRAMMES**

**▶** OIE

#### Ministerial Declaration

G20 Meeting of Agriculture Ministers, Buenos Aires, Argentina, 28 July 2018



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On 27–28 July 2018, the Agriculture Ministers of the G20 members, met in Buenos Aires to discuss how to achieve a sustainable food future.

In this context, the Ministers adopted a declaration, which supports the OIE in its activities relating to:

- Observatory on implementation of OIE standards
- Antimicrobial resistance

Ministers' Declaration



### **ACTIVITIES & PROGRAMMES**

**▶** OIE

### Experts' obligations

In order to strengthen governance and safeguard the highest integrity and public confidence in its activities, the OIE revamped the Confidentiality Undertaking and Declaration of Interests forms applicable to members of the different expert bodies (including Specialist Commissions, Working Groups, *ad hoc* groups and Reference Centres).

These new forms are available on the OIE website



### **ACTIVITIES & PROGRAMMES**

MEMBER COUNTRIES

#### Ministerial Declaration

Global Conference: 'Partnering and investing for a PPR-free world', Brussels, Belgium, 7 September 2018



© OIE/P.Bastiaensen

**We**, the Ministers in charge of livestock, animal production and health of Afghanistan, Albania, Bangladesh, Bulgaria, Burkina Faso, Central African Republic, Chad, Congo, Egypt, Georgia, Guinea, Italy, Mongolia, Niger, Senegal, Sudan, and Zambia, together with the high level representatives from 28 PPR-infected and at risk countries, gathered in Brussels upon invitation by the Food and Agriculture Organization of the United Nations (FAO) and the World Organisation for Animal Health (OIE), in collaboration with the European Union (EU) and the African Union Commission, and in the presence of representatives of the African, Asian and Middle East Regional Economic Communities, resource partners, private sector, civil society and non-governmental organisations;

- 1. **Strongly reaffirm** our political commitment in combatting the peste des petits ruminants (PPR), towards its global eradication, as this animal disease directly threatens the livelihoods of the poorest people of our countries with significant losses in our local economies;
- 2. **Confirm** that we are fully part of the international consensus aiming at PPR eradication by 2030, according to the PPR Global Control and Eradication Strategy adopted in Abidjan in April 2015, during the PPR Ministerial Conference;
- 3. **Commend** FAO and OIE for joining their forces in implementing this strategy, in collaboration with the European Union, African Union Commission, African, Asian and Middle East Regional Economic Communities, PPR infected and at risk countries and scientific, technical and financial partners, including civil society, non-governmental organisations and the private sector;
- 4. **Emphasize** that, considering the risks to our livestock, we have already mobilized our human and financial resources at national level, as much as possible. As the spread of the disease does not respect borders, we are working in coordination with the African Union Commission, the African, Asian and the Middle East Regional



Economic Communities, and we congratulate them for this close collaboration;

- 5. **Support** the conclusion of the Stakeholder Forum on PPR held on 6 September 2018 and we underline that pastoralists and farmers are at the frontline of the fight against the disease. They are the sentinels of PPR outbreaks and will be the first beneficiaries of PPR eradication. In this regard, the veterinary services, including public and private veterinarians and veterinary para-professionals, are at the heart of disease eradication and will receive all the means of intervention that we can bring together.
- 6. **Urge** resource partners and the development community in general to join our efforts to fill the critical funding gaps to effectively eradicate PPR. While the majority of the allocated resources 61% have been provided by affected and at risk countries, there is still a gap of USD 340 million to preserve critical investments and eradicate a pest that is causing more than USD 2.1 billion in economic losses per year. Therefore, we strongly encourage resource partners to walk with us the last mile to definitively eradicate PPR within the expected time limit.



### **ACTIVITIES & PROGRAMMES**

**PARTNERS** 

### Memorandum of Understanding signed by FAO, OIE and WHO

#### to strengthen their long-standing partnership



Standing from left to right: Dr Tedros Adhanom Ghebreyesus, Director-General of WHO, Dr Monique Eloit, Director General of the OIE and Mr Jose Graziano da Silva, FAO Director General after signature of the MOU. © OIE/C.Bertrand-Ferrandis

On 30 May 2018, the Food and Agriculture Organization of the United Nations (FAO), the World Organisation for Animal Health (OIE) and the World Health Organization (WHO) signed a <u>Memorandum of Understanding (MOU)</u> agreeing to step up joint action to combat health threats associated with interactions between humans, animals and the environment, with a strong focus on tackling antimicrobial resistance.

This MOU supports the <u>Tripartite Concept Note of April 2010</u> describing the collaborative strategy amongst the three organisations as well as the <u>strategic document of October 2017</u>.



### **ACTIVITIES & PROGRAMMES**

REFERENCE CENTRES

### OIE expert surveillance panel on equine influenza vaccine composition

OIE, Paris, 28 March 2018



© Sebastian Abbruzzese-328239-Unsplash

#### Conclusions and recommendations

#### Influenza activity - 2017

During this period, individual animal cases and outbreaks of equine influenza were reported by the People's Republic of China (China), Ireland, Israel, Japan, the United Kingdom (UK) and the United States of America (USA).

#### Sources of viruses characterised

Equine influenza A (H3N8) viruses were isolated and/or characterised from outbreaks in China, Ireland, Japan, the UK and the USA.

#### Field data

In Japan, the Animal Quarantine Service diagnosed 114 stock horses imported from Canada as positive for equine influenza. All of the imported horses had been vaccinated twice with a five-week interval. The second vaccination was administered 10 days prior to departure. The vaccines had not been updated in line with OIE recommendations and included the old American lineage strain, A/equine/Kentucky/1/1997.







Haemagglutination inhibition test at the quarantine

One hundred and four of the 114 horses had pyrexia and/or nasal discharge. Five horses died in the quarantine period. However, the remaining infected animals recovered quickly and the experimental challenge of five naïve yearlings did not indicate that this virus was unusually virulent.

In China, equine influenza was confirmed in Hubei and Hebei provinces. No vaccination data were available.

In Europe, equine influenza virus infections were confirmed in Ireland and the UK but not in France, Germany or Sweden. The clinically affected horses on five affected premises in the UK (four in 2017, one in early 2018) were unvaccinated or of unknown vaccination history. In Ireland equine influenza cases were confirmed in both vaccinated and unvaccinated horses but only 9% of the horses on the two affected premises had up to date vaccination records.

In the USA, outbreaks were detected throughout the year with over 135 confirmed cases from 22 states. The affected horses were primarily sport and show horses. No vaccination data were available.

In South America no equine influenza outbreaks were reported in 2017.

#### Characterisation of viruses identified in 2017

Viruses isolated/identified from outbreaks in China, Ireland, Japan, the UK and the USA were characterised genetically by sequencing of the haemagglutinin (HA). The neuraminidase (NA) genes were sequenced for viruses from China, Ireland, the UK (2018 virus) and the USA.

Viruses from the UK and the USA were antigenically characterised by the haemagglutination inhibition (HI) assay using post-infection ferret antisera and chicken red blood cells.

#### **Genetic characterisation**

All HA sequences obtained from viruses were of the American lineage (Florida sublineage).

The viruses detected in Japan and the USA were characterised as clade 1 viruses as were the viruses detected in the UK in the first quarter of 2018. These viruses in Japan, UK and USA were very similar to clade 1 viruses



identified in 2016. However, viruses isolated in Florida and New York had a substitution Q189K previously observed in A/equine/Pennsylvania/1/2007.

Viruses detected in China, Ireland and the UK in 2017 were characterised as clade 2 viruses. The viruses in Ireland and the UK were similar to viruses from those countries in 2015 and 2016 in that compared to the Florida clade 2 reference strain, they had the substitution A144V. This is in contrast to viruses identified in mainland Europe in recent years which had the substitution I179V. The viruses detected in China were similar to viruses detected in 2015 and distinguishable from those circulating in Europe by the substitution A144T.

The NA gene sequences of the viruses from clade 1 and clade 2 were similar to those of viruses identified in 2016.

#### **Antigenic characterisation**

HI data available for viruses isolated in 2017, and antigenic cartography analyses thereof, show that the viruses of the two clades of the Florida sublineage continue to remain antigenically closely related to the recommended vaccine viruses of that lineage. However, the viruses isolated in New York and Florida with the substitution Q189K cluster separately to other clade 1 viruses.

#### **Conclusions**

All viruses isolated and characterised in 2017 were from clades 1 and 2 of the Florida sublineage and were similar to those identified in 2016. However, in 2018 surveillance will continue to determine if there is an increase in the prevalence of clade 1 viruses with the antigenic motif Q189K which to-date has only been detected sporadically.

#### Level of surveillance and updating of vaccines

The panel continues to emphasize the importance of increased surveillance and investigation of vaccination breakdown in different countries. Rapid submission of viruses to Reference Laboratories is essential if antigenic and genetic drift is to be monitored effectively on a global basis.

Although vaccines that have been updated to include a virus from clade 2, in accordance with the recommendations of 2010 to 2017, are now widely available many current vaccines contain outdated strains. The updating of vaccines with epidemiologically relevant viruses is necessary for optimum protection.

#### **Recommendations (March 2018)**

These are unchanged from those made each year since 2010.

It is not necessary to include an H7N7 virus or an H3N8 virus of the Eurasian lineage in vaccines as these viruses have not been detected in the course of the most recent surveillance and are therefore presumed not to be circulating.

Vaccines should contain both clade 1 and clade 2 viruses of the Florida sublineage.



- Clade 1 continues to be represented by A/eq/South Africa/04/2003-like or A/eq/Ohio/2003-like viruses but more recent clade 1 viruses are available from the OIE Reference Laboratories.
- Clade 2 continues to be represented by A/eq/Richmond/1/2007-like viruses but more recent clade 2 viruses are available from the OIE Reference Laboratories.

Manufacturers producing vaccines for a strictly national market are encouraged to liaise with Reference Laboratories. The selected viruses should induce responses which are immunogenically relevant to the equine influenza viruses circulating nationally. Sequence determination of both HA and NAs should be completed before use.

#### Reference reagents

Freeze-dried post-infection equine antisera to A/eq/Newmarket/1/93 (American lineage H3N8) and A/eq/South Africa/4/2003 (Florida clade 1, sublineage of the American lineage) are available from the European Directorate for the Quality of Medicines (EDQM). A new antiserum against the Florida clade 2 reference strain A/eq/Richmond/1/2007 has recently been produced and standardised internationally. It will also be available from EDQM in the future. These sera have been assigned Single Radial Haemolysis values through an international collaborative study and can be used as primary reference sera for the assay.

Recent virus strains, including suitable vaccine candidates for clades 1 and 2, are available from the OIE Reference Laboratories. In the event that an OIE Reference Laboratory cannot supply suitable vaccine candidates for both clades, they will assist the vaccine company to source the viruses from an alternative OIE Reference Laboratory.

Small quantities of ferret antisera for antigenic characterisation are available from the OIE Reference Laboratories in the UK and Ireland.

http://dx.doi.org/10.20506/37.3.2907

### **OIE Reference Laboratories for Equine Influenza**

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### OFFICIAL ACTS

COOPERATION AGREEMENTS

New cooperation agreements



Memorandum of Understanding between the International

Coalition for Animal Welfare (ICFAW) and the OIE



Memorandum of Understanding between the Common Market for

Eastern and Southern Africa (COMESA) and the OIE

All the cooperation agreements between the OIE and intergovernmental organisations and other international nongovernmental organisations



### OFFICIAL ACTS

COOPERATION AGREEMENTS

Renewal of the Memorandum of Understanding between the OECD and the OIE

In light of their initial Memorandum of Understanding (MoU), dated 7 September 2016, which was due to expire, the World Organisation for Animal Health (OIE) and the Organisation for Economic Co-operation and Development (OECD) have decided to continue their collaboration through a <a href="mailto:new MoU">new MoU</a>, which replaces the initial MoU. The new MoU was signed on 31 August 2018 for a five-year term and extends the areas of collaboration to potential activities focusing on best practices, policies and economic evaluations to enhance the quality, effectiveness and impact of international standards.

All the cooperation agreements between the OIE and intergovernmental organisations and other international nongovernmental organisations



### OFFICIAL ACTS

RESOLUTIONS AND RECOMMENDATIONS

### Final report of the OIE General Session





The World Assembly of Delegates is the highest authority of the OIE. It comprises the Delegates of all Member Countries and meets at least once a year. The General Session of the Assembly lasts five days and is held every year in May in Paris.

Final report of the 86th General Session, 20-25 May 2018

Final reports of General Sessions since 2003



### **OFFICIAL ACTS**

RESOLUTIONS AND RECOMMENDATIONS

### Resolutions adopted by the World Assembly of the Delegates of the OIE

during the 86th General Session, 20-25 May 2018



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<u>No. 1</u>	Approval of the Annual Report of the Director General on the Activities of the OIE in 2017
No. 2	Approval of the Report of the Director General on the Management, Activities and Administrative Work of the OIE in 2017
<u>No. 3</u>	Approval of the Financial Report for the 91st Financial Year of the OIE (1 January to 31 December 2017)
No. 4	Acknowledgements to the Members and Partners that made Voluntary Contributions or Subsidies to the OIE, or contributed in the Organisation of OIE Meetings and for the Provision of Personnel
No. 5	Modification of the 2018 Budget
No. 6	OIE Budgetary Income and Expenses for the 93rd Financial Year (1 January to 31 December 2019)
<u>No. 7</u>	Financial Contributions from OIE Members for 2019
<u>No. 8</u>	Planned Work Programme for 2018-2019
<u>No. 9</u>	Renewal of the Appointment of the External Auditor
No. 10	No resolution
No. 11	Memorandum of Understanding OIE and ICFAW
No. 12	Memorandum of Understanding between the OIE and COMESA



No. 13	Accession of Saint Lucia to the OIE
No. 14	Amendments to the Manual of Diagnostic Tests and Vaccines for Terrestrial Animals
No. 15	Taking an annual price index into account when calculating the annual contributions of OIE Members
No. 16	Designation of OIE Reference Laboratories for terrestrial animal diseases
No. 17	Suspension of OIE Reference Laboratory status for terrestrial animal diseases
No. 18	Procedures for the designation of OIE Collaborating Centres
No. 19	Register of diagnostic kits validated and certified by the OIE
No. 20	Designation of Facilities as Approved for Holding Rinderpest Virus Containing Material
No. 21	List of antimicrobial agents of veterinary importance
No. 22	Recognition of the Foot and Mouth Disease Status of Members
No. 23	Endorsement of Official Control Programmes for Foot and Mouth Disease of Members
No. 24	Recognition of the Contagious Bovine Pleuropneumonia Status of Members
No. 25	Endorsement of Official Control Programmes for Contagious Bovine Pleuropneumonia of Members
No. 26	Recognition of the Bovine Spongiform Encephalopathy Risk Status of Members
No. 27	Recognition of the African Horse Sickness Status of Members
No. 28	Recognition of the Peste des Petits Ruminants Status of Members
No. 29	Recognition of the Classical Swine Fever Status of Members
No. 30	Designation of OIE Reference Laboratories for aquatic animal diseases
No. 31	Suspension of OIE Reference Laboratory status for aquatic animal diseases
No. 32	Amendments to the Manual of Diagnostic Tests for Aquatic Animals
No. 33	Amendments to the OIE Aquatic Animal Health Code
No. 34	Amendments to the OIE Terrestrial Animal Health Code
No. 35	No resolution
No. 36	Implementation of OIE standards by OIE Member Countries: state of play and specific capacity-building needs

All the resolutions adopted by the World Assembly of Delegates of the OIE since 2001



### OFFICIAL ACTS

RESOLUTIONS AND RECOMMENDATIONS

### Recommendations of Conferences of OIE Regional Commissions



Putrajaya, Malaysia. Photo by: Sam Gao

The OIE has set up five Regional Commissions to express specific problems facing its Members in the different regions of the world. These Commissions can be seen as fully fledged regional institutional bodies. Regional Commissions report on their activities and submit recommendations to the World Assembly of Delegates.

# Recommendations endorsed by the World Assembly of Delegates of the OIE on 24 May 2018

#### 30th Conference of the OIE Regional Commission for Asia, the Far East and Oceania

- 1. How to implement farm biosecurity: the role of government and private sector
- 2. <u>Surveillance and risk mitigation measures for illegal and unregulated movement of animals across borders or through markets</u>

#### 14th Conference of the OIE Regional Commission for the Middle East

- 1. Sustainable strengthening of the epidemio-surveillance systems in Middle East Member Countries
- 2. Addressing challenges in the Middle East at the human-animal interface under the One Health concept

Recommendations of Conferences of OIE Regional Commissions and reports of the meetings of the OIE Regional

Commissions held during the OIE General Sessions since 2001



### **OFFICIAL ACTS**

► RESOLUTIONS & RECOMMENDATIONS

# Elections of members of the Council, Regional and Specialist Commissions



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During the 86th General Session of the World Assembly of Delegates of the World Organisation for Animal Health (OIE) held from 20 to 25 May 2018, cycle elections were successfully conducted for members of the Council, the Bureaux of the Regional Commissions and of the Specialist Commissions. Of significant importance is the fact that members of the four Specialist Commissions were, for the first time, elected following the new selection process adopted by the Assembly the year before.

Following the independent evaluation by an evaluation committee of eligible applications received in response to a call for nominations, a list of candidates drawn up by the Council was placed at the disposal of the Delegates 60 days before the General Session. A finalised list of candidates for each region was then discussed at the meetings of the Regional Commissions and the Presidents presented the results the day prior to the elections.

The elections took place during the administrative session in a sequential manner for each position, primarily electronically and by show of hands when a unique candidate was proposed for a position. Newly-elected members will serve a term of three years and are eligible for re-election. The candidates who were not elected will be called upon to contribute their expertise through participation in *ad hoc* groups as required.

On the occasion of the elections, Dr Mark Schipp, who was elected as President of the Council, outlined three key areas around engagement and participation, transparency and strengthening the veterinary voice. These major pillars of work will serve for the development of the OIE Seventh Strategic Plan (2021–2025).

Members of the OIE Council



#### **Bureaux of the Regional Commissions**

Members of the Terrestrial Animal Health Standards Commission (Code Commission)

Members of the Scientific Commission for Animal Diseases (Scientific Commission)

Members of the Biological Standards Commission

Members of the Aquatic Animals Health Standards Commission (Aquatic Animals Commission)

**General organisation** 



### **OFFICIAL ACTS**





31 December 2018
MAURITANIA
Dr Baba Doumbia
Directeur, Services vétérinaires, Ministère du développement rural

13 December 2018 CUBA Dr Yobani Gutiérrez Ravelo

**27 November 2018** 

**14 November 2018** 

Director General, Dirección de Sanidad Animal, Ministerio de la Agricultura



10 December 2018
PAKISTAN
Dr Khurshid Ahmad
Animal Husbandry Commissioner, Ministry of National Food Security and Research



**EGYPT** *Dr Mahmoud Mohamed Ali Abdelhakim*Chief Researcher, CVO and Chairman, General Organization for Veterinary Services (GOVS),

Ministry of Agriculture and Land Reclamation



CHINESE TAIPEI

Dr Wen-Jane Tu

Chief Veterinary Officer, Deputy Director General, Bureau of Animal and Plant Health Inspection and Quarantine (BAPHIQ), Council of Agriculture, Executive Yuan

5 November 2018 TANZANIA Dr Hezron Emmanuel Nonga



Director of Veterinary Services, Ministry of Livestock and Fisheries



1 November 2018 SERBIA Dr Emina Milakara

Chief Veterinary Officer, Acting Director, Veterinary Directorate, Ministry of Agriculture, Forestry and Water Management



1 November 2018 UNITED STATES OF AMERICA *Dr Jack Shere* 

Chief Veterinary Officer, Deputy Administrator, United States Department of Agriculture – Animal and Plant Health Inspection Service – Veterinary Services (USDA-APHIS-VS)



17 October 2018 AFGHANISTAN Dr Said Majdood Raihan

Acting Director General, Livestock and Animal Health General Directorate, Ministry of Agriculture, Irrigation and Livestock



17 October 2018
SUDAN
Dr Ahmed Sheikh Eldin
Chief Veterinary Officer, Undersecretary, Ministry of Animal Resources

1 October 2018
GERMANY
Dr Dietrich Rassow

Chief Veterinary Officer, Director for Animal Health and Animal Welfare, Federal Ministry of Food and Agriculture





7 September 2018
PERU
Dr Mercedes Lucia Flores Cancino

Directora General, Dirección de Sanidad Animal, Servicio Nacional de Sanidad Agraria (SENASA)

3 September 2018 COLOMBIA

#### Dr Deyanira Barrero León

Gerente General, Instituto Colombiano Agropecuario (ICA), Ministerio de Agricultura y Desarrollo Rural

#### 1 September 2018

#### **ARGENTINA**

#### Dr Matías Nardello

Director Nacional de Sanidad Animal, Servicio Nacional de Sanidad y Calidad Agroalimentaria (SENASA), Ministerio de Agroindustria



28 August 2018 BELARUS Dr Ivan Smilhin

Deputy Minister of Agriculture and Food of the Republic of Belarus, Director of the Department of Veterinary and Food Supervision, Ministry of Agriculture and Food

### 27 August 2018 TURKMENISTAN Dr Myratgeldi Gelenov

Acting Head, State Veterinary Service, Ministry of Agriculture and Water Economy

# 14 August 2018 SIERRA LEONE

#### Dr Amadu Tejan Jalloh

Deputy Director, Animal Health, Livestock and Veterinary Services Division, Ministry of Agriculture, Forestry and Food Security

9 August 2018 ISRAEL



#### Dr Tamir Goshen

Acting Director, Veterinary Services and Animal Health, Ministry of Agriculture and Rural Development

#### 7 August 2018

**NIGERIA** 

#### Dr Olaniran Alabi

Chief Veterinary Officer, Director, Veterinary and Pest Control Services, Federal Ministry of Agriculture and Rural Development



6 August 2018

BANGLADESH

Dr Hiresh Rajan Bhowmik

Director General, Department of Livestock Services, Ministry of Fisheries and Livestock



6 August 2018
CHAD

Dr Nodjimadji Rirabe

Directrice des Services vétérinaires, Ministère de l'élevage et des productions animales

### 30 July 2018 HAITI

#### Dr Haim Joseph Corvil

Coordonnatrice de l'Unité de protection sanitaire (UPS), Ministère de l'agriculture, des ressources naturelles et du développement rural

### 18 July 2018

**KAZAKHSTAN** 

#### Dr Tursyn Kabduldanov

Deputy Chairman, Committee for Veterinary Control and Supervision, Ministry of Agriculture

### 17 July 2018

CHILE

#### Dr David Héctor Guerra Maldonado

Jefe de División de Protección Pecuaria, Servicio Agrícola y Ganadero (SAG), Ministerio de Agricultura



2 July 2018 MONGOLIA

#### Dr Tumendemberel Dorjnyam

Chief Veterinary Officer, Director General, General Authority for Veterinary Services, Ministry of Food, Agriculture and Light Industry

1 July 2018 AZERBAIJAN Dr Galib Abdulaliyev

Head of Veterinary Division, Senior State Veterinary, State Food Safety Agency, Ministry of Agriculture



1 July 2018
UGANDA
Dr Anna Rose Ademun Okurut
Acting Commissioner, Animal Health, Ministry of Agriculture, Animal Industry and Fisheries



**Dr Tobi N'Kaya**Directeur général de l'élevage, Direction générale de l'élevage, Ministère de l'agriculture, de l'élevage et de la pêche



THAILAND

Dr Sorravis Thaneto

Director General, Department of Livestock Development (DLD), Ministry of Agriculture and Cooperatives

30 May 2018 COSTA RICA Dr Federico Chaverri Suárez

29 June 2018

Director General, Servicio Nacional de Salud Animal (SENASA), Ministerio de Agricultura y Ganadería





25 May 2018 SAINT LUCIA Dr Auria King-Cenac

Chief Veterinary Officer, Veterinary and Livestock Services Division, Ministry of Agriculture, Fisheries, Physical Planning, Natural Resources and Cooperatives



### **OFFICIAL ACTS**

NEW MEMBERS COUNTRIES



#### #Americas Saint Lucia

Saint Lucia joined the OIE on 26 May 2018, following the unanimous approval at the Administrative Session of the World Assembly of Delegates of the OIE of its application for accession submitted on 10 October 2017. Saint Lucia thus became the 182nd OIE Member Country and the 31st Member of the OIE Regional Commission for the Americas. The Caribbean

island of Saint Lucia gained independence from the United Kingdom in 1979 and is a member of the Commonwealth. The Government of Saint Lucia designated Dr Auria King-Cenac as its permanent Delegate to the OIE.



### OFFICIAL ACTS

NEW REFERENCE CENTRES

#### **ACUTE HEPATOPANCREATIC NECROSIS DISEASE**



Designated reference expert: Dr Grace Chu-Fang Lo

International Center for the Scientific Development of Shrimp Aquaculture (CDSA), National Cheng Kung University (NCKU)

No. 500, Sec. 3 Anming Road, Annan District, Tainan City 709 Chinese Taipei

Tel. +886-6-3842448

E-mail: <a href="mailto:gracelow@mail.ncku.edu.tw">gracelow@mail.ncku.edu.tw</a>

This new OIE Reference Laboratory has a long-standing programme of work on shrimp diseases. Currently, CDSA's research includes the new, rapidly spreading shrimp disease acute hepatopancreatic necrosis disease (AHPND), which is caused by a pathogenic strain of the opportunistic marine bacterium *Vibrio parahaemolyticus*. This pathogenic strain acquires a plasmid that expresses a deadly toxin. To develop potentially useful measures to control AHPND, the laboratory often partners with public institutions and the private sector of OIE Member Countries to collaborate on the pathogenesis of AHPND in shrimp, and for studies on microbiome dynamics during possible outbreaks of AHPND in shrimp grow-out ponds.

#### **CHRONIC WASTING DISEASE (CWD)**



Designated reference expert: Dr Sylvie L. Benestad

Norwegian Veterinary Institute, National Reference Laboratory for TSE in animals



P.O. Box 750 Sentrum, 0454 Oslo Norway

Tel. +47 97 53 68 30

E-mail: sylvie.benestad@vetinst.no

This new OIE Reference Laboratory has extensive experience in diagnosis of the transmissible spongiform encephalopathies (TSE) in small ruminants, cattle and cervids, and is the only Norwegian laboratory testing for TSE. The laboratory has a large collaborative network in Europe and North America and is particularly active in research, working on epidemiological studies and the characterisation of TSE strains. The TSE laboratory's activities are subjected to quality assurance and are accredited under <a href="ISO/IEC 17025">ISO/IEC 17025</a> by the Norwegian Accreditation Agency (NA).

# HIGHLY PATHOGENIC AVIAN INFLUENZA AND LOW PATHOGENIC AVIAN INFLUENZA (POULTRY) AND NEWCASTLE DISEASE



Designated reference expert: Dr Viktor N. Irza

Federal State-Financed Institution 'Federal Centre for Animal Health' (FGBI 'ARRIAH') Yur'evets, Vladimir, 600901 Russia

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E-mail: mail@arriah.ru; irza@arriah.ru

Website: www.arriah.ru

This new OIE Reference Laboratory is located in the Federal Centre for Animal Health (FGBI 'ARRIAH'), which operates under the auspices of the Federal Service for Veterinary and Phytosanitary Surveillance (Rosselkhoznadzor). The laboratories are also National Rosselkhoznadzor Reference Laboratories for avian influenza and Newcastle disease. They provide diagnostic services, undertake epidemiological studies and research projects, and conduct national proficiency tests (ring trials). The laboratories are accredited under <a href="ISO/IEC 17025">ISO/IEC 17025</a> by the Russian Federal Service for Accreditation. The scope of activities includes OIE compliant molecular, genetic, virological and serological methods. The laboratories are prepared to offer assistance in diagnostics and epidemiological studies to neighbouring countries.

#### **INFECTIOUS BURSAL DISEASE**





Designated reference expert: Dr Xiaomei Wang

Division of Avian Immunosuppressive Disease Harbin Veterinary Research Institute (HVRI) Chinese Academy of Agricultural Sciences (CAAS) 678 Haping Road Xiangfang District Harbin, 150069 People's Republic of China

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E-mail: <a href="mailto:wangxiaomei@caas.cn">wangxiaomei@caas.cn</a>
Website: <a href="mailto:www.hvri.ac.cn">www.hvri.ac.cn</a>

This new OIE Reference Laboratory focuses on diagnosis, epidemiology, research into prevention and control, and other services relating to infectious bursal disease (IBD). Two vaccines and two IBD diagnosis kits have been developed. The laboratory also undertakes national and international research projects focused on the pathogenicity and immunological mechanisms of IBD. The laboratory has been accredited to ISO 17025 by the China National Accreditation Service for Conformity Assessment (CNAS).

#### INFECTIOUS HAEMATOPOIETIC NECROSIS



Designated reference expert: Prof. Hong Liu

Animal and Plant Inspection and Quarantine Technical Centre Shenzhen Exit & Entry Inspection and Quarantine Bureau General Administration of Quality Supervision Inspection and Quarantine (AQSIQ) of P.R. China Room 907 of 1011 building Fuqiang Road Futian Qu Shenzhen Guangdong Province, 518045



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E-mail: <u>liuhong@szciq.gov.cn</u>; <u>szciqlh@sina.com</u>

This new OIE Reference Laboratory undertakes research on emerging and exotic aquatic animal diseases in China, especially viral diseases, focusing mainly on pathogenicity, genomics, epidemiology and rapid detection methods. The Laboratory provides technical support for the national entry-exit quarantine competent authority and domestic fishery agencies in disease surveillance, investigation and analysis of exotic and emerging diseases, epidemiological analysis, import risk assessment of aquatic animals and their products, and in drawing up aquatic animal quarantine trade protocols and contract terms.

Prof. Hong Liu has worked in aquaculture for over 20 years.

#### INFECTIOUS HAEMATOPOIETIC NECROSIS AND VIRAL HAEMORRHAGIC SEPTICAEMIA



Designated reference expert: Dr Kyle Garver

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The Pacific Biological Station is a government facility operating under the Department of Fisheries and Oceans, Canada. It houses the national reference laboratories for infectious haematopoietic necrosis virus (IHNV) and viral haemorrhagic septicaemia virus (VHSV), which conduct regulatory diagnostics under the National Aquatic Animal Health Programme to prevent aquatic animal diseases from being introduced to or spread in Canada. In this role, the laboratories administer proficiency panels and control samples for IHNV and VHSV real-time reverse transcriptase polymerase chain reaction (RT-qPCR) testing, work towards the standardisation of diagnostic methods, and perform confirmatory testing. In addition, through maintenance of a biosafety level 2 aquarium facility, the laboratories conduct research on endemic aquatic viral diseases, with investigations focused on evaluating strain virulence, host response, development of diagnostic tools and vaccine efficacy studies. The laboratories' activities are subjected to quality assurance and are accredited under ISO/IEC 17025 by the Standards Council of Canada.

#### **KOI HERPESVIRUS DISEASE**





Designated reference expert: Dr Sven M. Bergmann

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This new OIE Reference Laboratory is located at the Friedrich-Loeffler-Institut (FLI), the Federal Research Institute for Animal Health in Germany, which is an independent higher federal authority operating under the auspices of the Federal Ministry for Food and Agriculture. The laboratory, which is the German reference laboratory for koi herpesvirus disease (KHVD), is in direct contact with government and federal state authorities regarding the classical, serological and molecular diagnosis of KHVD (including high throughput sequencing). It designs plans for KHVD eradication, and is involved in the development of vaccines against the disease.

The Reference Laboratory also develops new test methods for the molecular, histological and serological detection of KHV, and conducts national proficiency tests (ring trials) for quality assurance procedures for animal disease diagnosis. The laboratory has extensive experience in diagnosing diseases of fish, molluscs and crustaceans. It is accredited for diagnostic techniques for notifiable diseases of fish, covering a wide range of diagnostic methods.

#### **SALMONELLOSIS**



Designated reference expert: Dr Min-Su Kang

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The Animal and Plant Quarantine Agency (APQA) is a government institute that is responsible for protecting animal



health, animal welfare and plant health, and for undertaking animal and plant quarantine inspections in the Republic of Korea. This new OIE Reference Laboratory for salmonellosis is also the national reference laboratory for *Salmonella* in poultry. The laboratory develops new diagnostic methods and vaccines and conducts molecular epidemiological studies. The laboratory also performs confirmatory tests for the diagnosis of *Salmonella* infections in animals, and provides scientific and technical assistance and training to personnel from diagnostic laboratories in the Republic of Korea and other OIE Members of the Asia-Pacific region.

#### VIRAL HAEMORRHAGIC SEPTICAEMIA



Designated reference expert: Dr Hyoung Jun Kim

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The National Fishery Products Quality Management Service (NFQS) is the competent authority for quarantine of aquatic animals imported into and exported from the Republic of Korea. The new OIE Reference Laboratory for viral haemorrhagic septicaemia (VHS), hosted by the NFQS, provides expertise on validation of molecular methods for VHS diagnosis. In addition, it provides scientific and technical support as well as training in diagnosis for VHS and fish rhabdoviral diseases. The laboratory also offers, at the international level, high quality diagnostic services using molecular and virological tools. The laboratory undertook a research project jointly with the OIE Reference Laboratory for VHS in Denmark that led to the development of a novel reverse-transcriptase polymerase chain reaction, which had the same sensitivity of detection as the cell culture method. The test has been submitted for consideration by the OIE Aquatic Animal Health Standards Commission for inclusion in the chapter on VHS in the OIE Manual of Diagnostic Tests for Aquatic Animals.



### **EXPERT REPORTS**

► SPECIALIST COMMISSIONS

### **Activities of Specialist Commissions**



Report of the meeting of the Biological Standards Commission (BSC) held from 3 to 6 September 2018.

Report of the meeting of the Scientific Commission for Animal Diseases (SCAD) held from 10 to 14 September 2018.

Report of the meeting of the Aquatic Animal Health Standards Commission held from 11 to 18 September 2018.

Report of the meeting of the Terrestrial Animal Health Standards Commission (Code Commission) held from 11 to 20 September 2018.

More information about **OIE Specialist Commissions...** 



### **EXPERT REPORTS**

WORKING GROUP

### Activities of the OIE Working Group on Wildlife



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Report of the meeting of the OIE Working Group on Wildlife held from 12 to 15 December 2017.

More information about OIE Working Groups...



### **EXPERT REPORTS**

AD HOC GROUPS

### Activities of Ad hoc Groups



Ad hoc groups are convened to support the work of OIE Specialist Commissions.

Reports are available here.



### **ANIMAL HEALTH**

OFFICIAL DISEASE STATUS

Recognition of the disease status of Members or endorsement of official control programmes

 Recognition of the Foot and Mouth Disease (FMD) Status of Members: Resolution no. 22 dated 22 May 2018

Updated information

 Endorsement of Official Control Programmes for Foot and Mouth Disease (FMD) of Members: Resolution no. 23 dated 22 May 2018

<u>Updated information</u>

 Recognition of the Contagious Bovine Pleuropneumonia (CBPP) Status of Members: Resolution no. 24 dated 22 May 2018

**Updated** information

• Endorsement of Official Control Programmes for Contagious Bovine Pleuropneumonia (CBPP) of Members: Resolution no. 25 dated 22 May 2018

**Updated** information

• Recognition of the Bovine Spongiform Encephalopathy (BSE) Risk Status of Members: Resolution no. 26 dated 22 May 2018

**Updated** information

• Recognition of the African Horse Sickness (AHS) Status of Members: Resolution no. 27 dated 22 May 2018

**Updated** information

• Recognition of the Peste des Petits Ruminants (PPR) Status of Members: Resolution no. 28 dated 22 May 2018

**Updated** information



• Recognition of the Classical Swine Fever (CSF) Status of Members: Resolution no. 29 dated 22 May 2018

**Updated** information



### ANIMAL HEALTH

OFFICIAL DISEASE STATUS

Mauritius – Withdrawal of the OIE's official disease status with regard to FMD



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In 2001, Mauritius was officially recognised by the OIE as a foot and mouth disease (FMD)-free country where vaccination is not practised. However, following a notification received from the Delegate of Mauritius to the OIE, reporting outbreaks of FMD in his country, the FMD-free status of Mauritius was suspended, with effect from 7 July 2016.

According to the provisions of the *Terrestrial Animal Health Code*, and considering that more than two years have elapsed since its status was suspended, Mauritius is no longer able to comply with the requirements for recovery of its FMD-free status. Consequently, the OIE has withdrawn its FMD status.

Contact: OIE Status Department



# ANIMAL HEALTH

OFFICIAL DISEASE STATUS

### Japan - Suspension of CSF-free status



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Japan was officially recognised as a classical swine fever (CSF)-free country by the OIE in 2015. Following an immediate notification received from the OIE Delegate of Japan on an outbreak of CSF in Gifu City, the 'CSF free country' status of Japan was suspended with effect from 3 September 2018.

According to the <u>Standard Operating Procedure (SOP)</u> for the suspension of an officially recognised disease status, the country has two years to recover its previously recognised status by complying with the relevant requirements of the *Terrestrial Animal Health Code*.

Contact: OIE Status Department



### **ANIMAL HEALTH**

OFFICIAL DISEASE STATUS

Colombia – Suspension of 'FMD free zone where vaccination is practised' status



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Following an immediate notification received from the OIE Delegate of Colombia on an outbreak of FMD in the department of Boyacá, the approval of the containment zone is withdrawn and the 'FMD free zone where vaccination is practised' status of Colombia, as recognised by the OIE World Assembly of Delegates in terms of Resolution No. 22 in May 2018, is suspended with effect from 17 September 2018.

Following an immediate notification received from the OIE Delegate of Colombia on an outbreak of FMD in the department of Cesar, the suspension of the above-mentioned status of Colombia is amended to take effect from 10 August 2018.

Contact: OIE Status Department

The OIE is an international organisation created in 1924 with a mandate from its 182 Member Countries to improve animal health and welfare. Its activities are permanently supported by 301 centres of scientific expertise and 12 regional offices with a presence on every continent.



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