

OIE Reference Laboratory Reports Activities

Activities in 2020

This report has been submitted : 2021-01-08 08:11:41

| | |
|--|---|
| Name of disease (or topic) for which you are a designated OIE Reference Laboratory: | Peste des petits ruminants |
| Address of laboratory: | No.369 Nanjing Road Qingdao 266032 CHINA (PEOPLES REP. OF) |
| Tel.: | +86-532 87.83.91.88 |
| Fax: | +86-532 87.83.99.22 |
| E-mail address: | zlwang111@163.com |
| Website: | |
| Name (including Title) of Head of Laboratory (Responsible Official): | Dr.Zhiliang Wang |
| Name (including Title and Position) of OIE Reference Expert: | Zhiliang Wang |
| Which of the following defines your laboratory? Check all that apply: | Governmental |

ToR 1: To use, promote and disseminate diagnostic methods validated according to OIE Standards

1. Did your laboratory perform diagnostic tests for the specified disease/topic for purposes such as disease diagnosis, screening of animals for export, surveillance, etc.? (Not for quality control, proficiency testing or staff training)

Yes

| Diagnostic Test | Indicated in OIE Manual (Yes/No) | Total number of test performed last year | |
|---------------------------|----------------------------------|--|-----------------|
| | | Nationally | Internationally |
| Indirect diagnostic tests | | Nationally | Internationally |
| ELISA | Yes | 19000 | 0 |
| Direct diagnostic tests | | Nationally | Internationally |
| Real-time RT-PCR | Yes | 19000 | 0 |

ToR 2: To develop reference material in accordance with OIE requirements, and implement and promote the application of OIE Standards. To store and distribute to national laboratories biological reference products and any other reagents used in the diagnosis and control of the designated pathogens or disease.

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by the OIE?

No

3. Did your laboratory supply standard reference reagents (non OIE-approved) and/or other diagnostic reagents to OIE Member Countries?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to OIE Member Countries?

No

ToR 3: To develop, standardise and validate, according to OIE Standards, new procedures for diagnosis and control of the designated pathogens or diseases

6. Did your laboratory develop new diagnostic methods validated according to OIE Standards for the designated pathogen or disease?

No

7. Did your laboratory develop new vaccines according to OIE Standards for the designated pathogen or disease?

No

ToR 4: To provide diagnostic testing facilities, and, where appropriate, scientific and technical advice on disease control measures to OIE Member Countries

8. Did your laboratory carry out diagnostic testing for other OIE Member Countries?

No

9. Did your laboratory provide expert advice in technical consultancies on the request of an OIE Member Country?

Yes

| Name of the OIE Member Country receiving a technical consultancy | Purpose | How the advice was provided |
|--|---------------------------------|-----------------------------|
| THAILAND | In need of PPRV virulent strain | Email |

ToR 5: To carry out and/or coordinate scientific and technical studies in collaboration with other laboratories, centres or organisations

10. Did your laboratory participate in international scientific studies in collaboration with OIE Member Countries other than the own?

No

ToR 6: To collect, process, analyse, publish and disseminate epizootiological data relevant to the designated pathogens or diseases

11. Did your Laboratory collect epizootiological data relevant to international disease control?

Yes

| |
|---|
| If the answer is yes, please provide details of the data collected: |
| Outbreak of PPR in other countries |

12. Did your laboratory disseminate epizootiological data that had been processed and analysed?

Yes

| |
|---|
| If the answer is yes, please provide details of the data collected: |
| Outbreak of PPR in other countries |

**13. What method of dissemination of information is most often used by your laboratory?
(Indicate in the appropriate box the number by category)**

a) Articles published in peer-reviewed journals: 0

b) International conferences: 0

c) National conferences: 1

Situation of PPR in the world was introduced on the National PPR surveillance meeting in Changsha, China on 8-10 December 2020.

d) Other:

(Provide website address or link to appropriate information) 1

<http://www.cahec.cn/guojidongwuyiqingxinxi/>

ToR 7: To provide scientific and technical training for personnel from OIE Member Countries

To recommend the prescribed and alternative tests or vaccines as OIE Standards

14. Did your laboratory provide scientific and technical training to laboratory personnel from other OIE Member Countries?

No

ToR 8: To maintain a system of quality assurance, biosafety and biosecurity relevant for the pathogen and the disease concerned

15. Does your laboratory have a Quality Management System?

Yes

| Quality management system adopted | Certificate scan (PDF, JPG, PNG format) |
|-----------------------------------|---|
| ISO/IEC 17025 | 17025□□□□□□□□cn□2024.jpg |

16. Is your quality management system accredited?

Yes

| Test for which your laboratory is accredited | Accreditation body |
|--|--|
| PPRV RT-PCR | China National Accreditation Service for Conformity Assessment |
| PPRV qRT-PCR | China National Accreditation Service for Conformity Assessment |
| PPR block-ELISA | China National Accreditation Service for Conformity Assessment |
| PPRV virus isolation | China National Accreditation Service for Conformity Assessment |

17. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?

Yes

*(See Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, Chapter 1.1.4)***ToR 9: To organise and participate in scientific meetings on behalf of the OIE**

18. Did your laboratory organise scientific meetings on behalf of the OIE?

No

19. Did your laboratory participate in scientific meetings on behalf of the OIE?

Yes

| Title of event | Date (mm/yy) | Location | Role (speaker, presenting poster, short communications) | Title of the work presented |
|--|--------------|----------|---|-----------------------------|
| PPR Global Research and Expertise NETWORK (PPR-GREN)THIRD MEETING | 11/20 | on line | participant | none |
| PPR Global Eradication Programme Fourth Advisory Committee meeting | 06/20 | on line | participant | none |

ToR 10: To establish and maintain a network with other OIE Reference Laboratories designated for the same pathogen or disease and organise regular inter-laboratory proficiency testing to ensure comparability of results

20. Did your laboratory exchange information with other OIE Reference Laboratories designated for the same pathogen or disease?

Yes

21. Was your laboratory involved in maintaining a network with OIE Reference Laboratories designated for the same pathogen or disease by organising or participating in proficiency tests?

No

22. Did your laboratory collaborate with other OIE Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?

No

ToR 11: To organise inter-laboratory proficiency testing with laboratories other than OIE Reference Laboratories for the same pathogens and diseases to ensure equivalence of results

23. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than OIE Reference Laboratories for the same disease?

No

Note: See Interlaboratory test comparisons in: Laboratory Proficiency Testing at: <http://www.oie.int/en/our-scientific-expertise/reference-laboratories/proficiency-testing> see point 1.3

ToR 12: To place expert consultants at the disposal of the OIE

24. Did your laboratory place expert consultants at the disposal of the OIE?

Yes

| Kind of consultancy | Location | Subject (facultative) |
|--|----------|--|
| ad hoc Group | on line | Evaluation of PPR Status of Members |
| Provision of comments on OIE Standards | Qingdao | Comments to Chapter 3.7.9 OIE Terrestrial Manual |

25. Additional comments regarding your report:

According to the COVID-19 pandemic,we did not hold the training course for participants from other countries.