# OIE Reference Laboratory Reports Activities

## *Activities in 2015*

## This report has been submitted : 2016-01-12 16:32:52

| | |
|---|---|
| **Name of disease (or topic) for which you are a designated OIE Reference Laboratory:** | Avian mycoplasmosis |
| **Address of laboratory:** | San José de las Lajas Provincia Mayabeque<br>CUBA |
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| **Name (including Title) of Head of Laboratory (Responsible Official):** | DrMV. Evelin Lobo Rivero, PhD |
| **Name (including Title and Position) of OIE Reference Expert:** | Evelin Lobo Riveroi |
| **Which of the following defines your laboratory? Check all that apply:** | Governmental<br>Research<br>Academic |

### *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 | |
|---|---|---|---|
| Indirect diagnostic tests | | Nationally | Internationally |
| 0 | 0 | 0 | 0 |
| Direct diagnostic tests | | Nationally | Internationally |
| cultivo microbiológico | Si | Si | No |
| PCR | Si | Si | No |

### *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?

Yes

| Type of reagent available | Related diagnostic test | Produced/ provide | Amount supplied nationally (ml, mg) | Amount supplied internationally (ml, mg) | No. of recipient OIE Member Countries | Region of recipients |
|---|---|---|---|---|---|---|
| ADN de cepas de referencias | PCR | Control positivo | 100uL | 50uL | 1 | ☐Africa<br>☒Americas<br>☐Asia and Pacific<br>☐Europe<br>☐Middle East |

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 |
|---|---|---|
| ECUADOR | determinar el status infeccioso del Sindrome respiratorio aviar en pollos de engorde de la Provincia Marabí, Ecuador | elaboración y presentación de proyecto de investigación y el analisis e interpretación de datos serologícos |
| ANGOLA | Comportamiento epidemiológico de la PPCB en la provincia de namibe, Angola | diseño de encuesta para recogida d edatos epidemiológicos y metodoogía diagnóstica para detección (serología, cultivo microbiológico y PCR)de micoplasmas |

## *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?

Yes

| Title of the study | Duration | Purpose of the study | Partners (Institutions) |
|---|---|---|---|
| Determinación del status infeccioso del sindrome respiratorio aviar en pollos de engorde de la provincia Manabí, Ecuador | 3 meses | comportamiento serológico (primera fase del estudio) | Agrocalidad y SIPeIP /SENPLADES |
| comportamiento epidemiológico de la PPCB en la provincia de Namibe, Angola | 1 año | conocer el comportamiento epidemiológico d ela PPCB en esta provincia | Instituto de Medicina Veterinaria de Angola |

## *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

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

Yes

**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: 2
Molecular cloning and expression predicted surface antigen of M. gallisepticum. Rev. Salud Anim. Vol. 37 No. 1 (ene.-abr.) 2015: 21-26

Susceptibilidad frente a la enrofloxacina de aislados cubanos de M. gallisepticum. Salud Anim. Vol. 38 No. 3 (sep.-dic.) 2015: 37-39

b) International conferences: 1
Aislamiento y caractarización de aislados cubanos de M. gallisepticum. II seminario Internacional de Sanidad Agropecuaria (Varadero, Matanzas, Cuba, mayo/2015)

c) National conferences: 2
Susceptibilidad frente a la enrofloxacina de aislados cubanos de M. gallisepticum (Jornada Nacional de avicultura, octubre/2015, La Habana)

Mejora de capacidades diagnóstica para el diagnóstico de la micoplasmosis aviar. Situación de esta entidad en el país. (Jornada Nacional de avicultura, octubre/2015, La Habana)

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

## *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?

Yes

a) Technical visits: 0
b) Seminars: 0
c) Hands-on training courses: 0
d) Internships (>1 month): 1

| Type of technical training provided (a, b, c or d) | Country of origin of the expert(s) provided with training | No. participants from the corresponding country |
|---|---|---|
| Diagnóstico de micoplasmas | Angola | 1 |

## *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 certified according to an International Standard?

Yes

| Quality management system adopted | Certificate scan (PDF, JPG, PNG format) |
|---|---|
| ISO/IEC: 17025 | CERTIFICACIÓN MICOLAB .pdf |

16. Is your laboratory accredited by an international accreditation body?

Yes

| Test for which your laboratory is accredited | Accreditation body |
|---|---|
| reacción en cadena de la polimerasa | Organo Nacional de Acreditación de la Republica de Cuba (ONARC) |

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 2014, Chapter 1.1.3a)*

## *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?

No

## *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?

Yes

*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*

| Purpose for inter-laboratory test comparisons[1] | No. participating laboratories | Region(s) of participating OIE Member Countries |
|---|---|---|
| Cultivo micorbiológico y reacción en cadena de la polimerasa (PCR) | 2 | ☐Africa<br>☐Americas<br>☐Asia and Pacific<br>☐Europe<br>☐Middle East |

## *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) |
|---|---|---|
| Revisión técnica del Capitulo sobre Micoplasmosis aviar | Manual de pruebas diagnósticas y vacunas para Animales | revisión de proceimientos de pruebas o producción de vacunas |

25. Additional comments regarding your report:

La participación en ensayos interlaboratorios e intercambio cientifico con otros Laboratorios de Referencias relacionados con la misma enfermedad, se vió limitada pues solamente existe otro laboratorio que se encuentra ubicado en USA. A partir de este año con la mejora en las relaciones diplomatica entre ambos paises este aspecto debe verse favorecido.