

# OIE Reference Laboratory Reports Activities

## *Activities in 2019*

**This report has been submitted : 2020-01-14 23:07:39**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Avian mycoplasmosis ( <i>Mycoplasma gallisepticum</i> )
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	DrC. Evelyn Lobo Rivero Investigador Titular
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Evelin Lobo Rivero
<b>Which of the following defines your laboratory? Check all that apply:</b>	Governmental 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	
		Nationally	Internationally
Indirect diagnostic tests			
no	no	no	no
Direct diagnostic tests			
cultivo microbiológico	si	si	no
PCR para <i>M. gallisepticum</i>	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?

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?

Yes

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

No

Name of the new test or diagnostic method or vaccine developed	Description and References (Publication, website, etc.)
PCR en tiempo real basado en SYBR-GREEN I para la detección de <i>Mycoplasma gallisepticum</i>	Rev Salud Anim. [online]. 2019 (en arbitraje)

**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	Uso del gen de virulencia <i>mgc2</i> para descubrir la dinámica filogeográfica y demográfica de <i>Mycoplasma gallisepticum</i> : revelando el origen y las características del primer brote en Ecuador	análisis de secuencias de aislados obtenidos en trabajos previos. discusión de resultados

**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:
Numero de sospecha de brotes, número de animales afectados, localidad, tratamiento aplicado, muestreo realizado y resultado del diagnostico

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:
Como resultado del laboraotrio no se detectó la presencia de M. gallispeticum en los animales muestreados.

**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: 3

Caracterización de *Mycoplasma gallisepticum* aislado de gallinas ponedoras y camperas procedentes de la provincia Mayabeque, Seminario Internacional de Sanidad Agropecuaria, mayo, 2019, Varadero, Cuba

Micoplasmas y hemoplasmas. Experiencia de Cuba en el diagngostico. Simposio sobre enfermedades transmitida por vectores, 2-6 de noviembre, Queretaro, Mexico

Estrategia del profesional veterinario en el diagnóstico diferencial de la micoplasmosis aviar en los sistemas productivos. VIII Congreso Internacional de Ciencias Veterinarias, noviembre, La habana, Cuba

c) National conferences: 1

Resistencia antimicrobiana en aislados de *Mycoplasma gallisepticum*. Jornada provincial de Avicultura, octubre, 2019

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: 1  
 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
Analisis de secuencias de aislados de <i>M. gallisepticum</i>	Ecuador	2

**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, 2017	Resol de acreditacion ONARC.pdf

16. Is your quality management system accredited?

No

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?

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?

No

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?

No

25. Additional comments regarding your report:

Durante el año se revisó el acapite del Manual referido a Micoplasmosis aviar