

# OIE Reference Laboratory Reports Activities

## *Activities in 2019*

**This report has been submitted : 2020-01-23 15:21:03**

<b>Name of disease (or topic) for which you are a designated OIE Reference Laboratory:</b>	Newcastle disease
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<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	André de Oliveira Mendonça, MV Coordenador del LFDA-SP
<b>Name (including Title and Position) of OIE Reference Expert:</b>	Dilmara Reischak, MV, MSc., Dra.
<b>Which of the following defines your laboratory? Check all that apply:</b>	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	Sí	10.457	0
HI	Sí	1.004	0
Direct diagnostic tests		Nationally	Internationally
RT-qPCR gen M	Sí	7.868	0
RT-qPCR gen F	Sí	168	0
Aislamiento viral	Sí	555	0
Secuenciación	Sí	10	0
ICPI	Sí	2	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?

No

***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:

Los datos colectados por el laboratorio son enviados al Departamento de Salud Animal del MAPA.

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

No

If the answer is no, please provide a brief explanation of the situation:

Los datos obtenidos por el laboratorio son enviados al Departamento de Salud Animal del MAPA.

**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: 1

Kiril M. Dimitrov, Celia Abolnik, Claudio L. Afonso, Emmanuel Albina, Justin Bahl, Mikael Berg, Francois-Xavier Briand, Ian H. Brown, Kang-Seuk Choi, Ilya Chvala, Diego G. Diel, Peter A. Durr, Helena L. Ferreira, Alice Fusaro, Patricia Gild, Gabriela V. Goujgoulova, Christian Grund, Joseph T. Hick, Tony M. Joannis, Mia Kim Torchetti, Sergey Kolosov, Bénédicte Lambrecht, Nicola S. Lewis, Haijin Liu, Hualei Liu, Sam McCullough, Patti J. Miller, Isabella Monne, Claude P. Muller, Muhammad Munir, Dilmara Reischak, Mahmoud Sabra, Siba K. Samal, Renata Servan de Almeida, Ismaila Shittu, Chantal J. Snoeck, David L. Suarez, Steven Van Borm, Zhiliang Wang, Frank Y.K. Wong. Updated unified phylogenetic classification system and revised nomenclature for Newcastle disease virus. Infection, Genetics and Evolution 74 (2019) 103917.

b) International conferences: 0

c) National conferences: 2

Charlas sobre "Toma y envío de muestras al laboratorio", "Cascada de pruebas de laboratorio" y "Vigilancia en aves de traspacio" en el "III Simulacro de Emergencia Sanitaria en Influenza Aviar y Enfermedad de Newcastle" que se llevó a cabo en Nova Mutum - Mato Grosso de 05/09 de 25/08 a 05/09/2019.

Charlas sobre "Toma y envío de muestras al laboratorio" y "Diagnostico laboratorial de casos sospechosos de enfermedades de notificación obligatoria" en el "Entrenamiento en Emergencia Sanitaria" que se llevó a cabo en Campinas - SP de 09/09 a 13/09/2019.

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: 00

b) Seminars: 0

c) Hands-on training courses: 02

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
Curso de formación práctica	Ecuador	7
Curso de formación práctica	Bolivia	7
Práctica	Argentina	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?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)
ISO/IEC 17025:2017	CRL 0389 LFDA-SP_CAMPINAS.pdf

16. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Inhibición de la hemaglutinación (HI) para detección de anticuerpos	INMETRO
ELISA para detección de anticuerpos	INMETRO
RT-qPCR para detección del gen M del NDV	INMETRO
RT-qPCR para detección del gen F del NDV	INMETRO
Secuenciación del gen F del NDV	INMETRO

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?

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)
Grupo Ad Hoc	Paris	Laboratorios Sostenibles

25. Additional comments regarding your report: