

WOAH Reference Laboratory Reports Activities 2022

Activities in 2022

This report has been submitted : 7 mars 2023 17:06

Laboratory Information

Name of disease (or topic) for which you are a designated WOA Reference Laboratory:	Avian chlamydiosis
Address of laboratory:	14 rue Pierre et Marie Curie
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Website:	https://www.anses.fr/fr
Name (including Title) of Head of Laboratory (Responsible Official):	Dr Pascal BOIREAU
Name (including Title and Position) of WOA Reference Expert:	Dr Karine LAROUCAU
Which of the following defines your laboratory? Check all that apply:	Governmental

TOR1: DIAGNOSTIC METHODS

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 WOA Manual (Yes/No)	Total number of test performed last year	
Indirect diagnostic tests		Nationally	Internationally
Direct diagnostic tests		Nationally	Internationally
PCR CH23S	yes	209	243
PCR C. psittaci	yes	45	

			70
PCR other avian species	no	38	93

TOR2: REFERENCE MATERIAL

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

No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOAHP Members?

No

4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOAHP Members?

No

TOR3: NEW PROCEDURES

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

No

7. Did your laboratory validate diagnostic methods according to WOAHP Standards for the designated pathogen or disease?

No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

No

9. Did your laboratory validate vaccines according to WOAHP Standards for the designated pathogen or disease?

No

TOR4: DIAGNOSTIC TESTING FACILITIES

10. Did your laboratory carry out diagnostic testing for other WOAHP Members?

No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAHP Member?

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOAHP Members other than the own?

Yes

Title of the study	Duration	PURPOSE OF THE STUDY	PARTNERS (INSTITUTIONS)	WOAHP MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY
Characterisation of avian chlamydia	2 years	Strain characterisation and development of improved detection tools	FLI (Germany)	ARGENTINA

TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

No

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

No

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:

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Aaziz, R., K. Laroucau, F. Gobbo, D. Salvatore, C. Schnee, C. Terregino, C. Lupini, and A. Di Francesco. 2022. "Occurrence of Chlamydiae in Corvids in Northeast Italy." *Animals (Basel)* 12 (10). <https://doi.org/10.3390/ani12101226>.

Aaziz, R., RL. Vinuesa, F. Vorimore, C. Schnee, G. Jiménez-Uzcátegui, G. Zanella, and K. Laroucau.. "Avian Chlamydia abortus strains detected in Galapagos albatross." *J Wildl Dis.* in press.

De Meyst, A., R. Aaziz, J. Pex, L. Braeckman, M. Livingstone, D. Longbottom, K. Laroucau, and D. Vanrompay. 2022. "Prevalence of New and Established Avian Chlamydial Species in Humans and Their Psittacine Pet Birds in Belgium." *Microorganisms* 10 (9).

<https://doi.org/10.3390/microorganisms10091758>. Marchino, M., F. Rizzo, P. Barzanti, O. A. Sparasci, P. Bottino, N. Vicari, S. Rigamonti, S.

Braghin, R. Aaziz, F. Vorimore, G. Ru, K. Laroucau, and M. L. Mandola. 2022. "Chlamydia Species and Related Risk Factors in Poultry in North-Western Italy: Possible Bird-to-Human Transmission for *C. gallinacea*." *Int J Environ Res Public Health* 19 (4).

<https://doi.org/10.3390/ijerph19042174>.

b) International conferences:

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De Meyst, A., R. Aaziz, J. Pex, L. Braeckman, M. Livingstone, D. Longbottom, K. Laroucau et D. Vanrompay. 2022. "Prevalence of New and Established Avian Chlamydial Species in Humans and Their Psittacine Pet Birds in Belgium." *International intracellular bacteria meeting.* 23-26/08/2022, Lausanne (Switzerland).

Laroucau, K. 2022. "Psittacosis – overview of the situation in France". *Meeting COHESIVE (Netherlands).* Visioconference. 15/12/22.

c) National conferences:

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

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOA Members?

No

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO17025		Attestation 1-2246 révision 22.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
PCR	COFRAC

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

Yes

A biorisk manager is in charge of following ad hoc biorisk guidelines for all the class III pathogens manipulated in our laboratory (biosafety and biosecurity).

TOR10: NETWORK WITH WOAHP REFERENCE LABORATORIES

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

Yes

24. Are you a member of a network of WOAHP Reference Laboratories designated for the same pathogen?

No

25. Did you organise or participate in inter-laboratory proficiency tests with WOAHP Reference Laboratories designated for the same pathogen?

No

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

Yes

TITLE OF THE PROJECT OR CONTRACT	SCOPE	NAME(S) OF RELEVANT WOAHP REFERENCE LABORATORIES

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOAHP Reference Laboratories for the same pathogen?

No

TOR12: EXPERT CONSULTANTS

28. Did your laboratory place expert consultants at the disposal of WOAHP?

No

29. Additional comments regarding your report:

No