

# WOAH Reference Laboratory Reports Activities 2023

## Activities in 2023

This report has been submitted : 13 juin 2024 16:40

### Laboratory Information

<b>Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:</b>	Contagious caprine pleuropneumoniae
<b>Address of laboratory:</b>	Batı Mahallesi Yunus caddesi No:2/1 Pendik Istanbul TURKIYE 34890
<b>Tel.:</b>	+90-216 390.12.80
<b>E-mail address:</b>	umit.sevimli@outlook.com
<b>Website:</b>	<a href="https://vetkontrol.tarimorman.gov.tr/pendik/Sayfalar/EN/Anasayfa.aspx">https://vetkontrol.tarimorman.gov.tr/pendik/Sayfalar/EN/Anasayfa.aspx</a>
<b>Name (including Title) of Head of Laboratory (Responsible Official):</b>	Dr. Mustafa KESMEN, Director
<b>Name (including Title and Position) of WOAHO Reference Expert:</b>	Dr. Umit SEVİMLİ Chief of Mycoplasma Reference Laboratory
<b>Which of the following defines your laboratory? Check all that apply:</b>	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 WOAHO Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
cELISA		46	0
Direct diagnostic tests			
Mycoplasma Culture		30	0
PCR		30	0

### TOR2: REFERENCE MATERIAL

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

No

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

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TEST	PRODUCED/ PROVIDE	AMOUNT SUPPLIED NATIONALLY (ML, MG)	AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)	NO. OF RECIPIENT WOAHO MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Mccp DNA for PCR	PCR	Provided	no	2 ml	2	INDIA, SWITZERLAND,

Plate test antigen for M.gallisepticum and M.synoviae	Plate agglutination test produced 930 ml MG antigen 20 ml / 20 ml 1 Plate agglutination test	Produced	no	930 ml	1	NIGERIA,
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4. Did your laboratory produce vaccines?

No

5. Did your laboratory supply vaccines to WOAHA 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 WOAHA Standards for the designated pathogen or disease?

No

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

Yes

NAME OF THE NEW VACCINE DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
Mycoplasma capricolum subsp capripneumoniae inactive vaccine	<a href="https://search.trdizin.gov.tr/tr/yayin/detay/611390/">https://search.trdizin.gov.tr/tr/yayin/detay/611390/</a>

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

No

### TOR4: DIAGNOSTIC TESTING FACILITIES

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

No

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

Yes

NAME OF THE WOAHA MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
SWITZERLAND	Training	Hands-on training courses
TAJIKISTAN	Training	Hands-on training courses
NIGERIA	Consultation	By e-mail
AZERBAIJAN	Consultation	Online meeting

### TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

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

Yes

Title of the study	Duration	PURPOSE OF THE STUDY	PARTNERS (INSTITUTIONS)	WOAHA MEMBER COUNTRIES INVOLVED OTHER THAN YOUR COUNTRY
Biosurveillance and risk assessment for small ruminant morbillivirus and Mycoplasma capricolum in goat populations in the Baku and Agdjabedi regions of Azerbaijan	1-3 year	The proposed project on CCPP and PPR will involve experts from the Pendik Veterinary Control Institute in Turkey and the State Laboratory of Agriculture (SLA) in Georgia to utilize their experience with these diseases in the capacity building process and to further trans-border communication and collaboration in the region. It is expected that the expertise and information generated here will be the base for establishing	Ministry of Agriculture, Central Reference Laboratory (MoA CRL) Azerbaijan Veterinary Science Research Institute (AVSRI): Azerbaijan State Agrarian (ASA) and the veterinary sections of Regional Agrarian Centers University of Connecticut, Department of Pathobiology and Veterinary Science State Laboratory of Agriculture (SLA), Georgia Labyrinth Global Health	AZERBAIJAN GEORGIA UNITED STATES OF AMERICA

		sustainable national surveillance programs for CCPP and PPR in AZ.	Azerbaijan	
Discountools CBPP and CCPP	1 month	Disease & Product analysis document Gap Analysis and Prioritisation Scoring sheets	CIRAD, France	FRANCE

13. In exercising your activities, have you identified any regulatory research needs\* relevant for WOA?H?

No

## TOR6: EPIZOOLOGICAL DATA

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

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

Information on all animal diseases in Turkey is collected in a system called VELBIS established within the Ministry of Agriculture. The epidemiology unit of the Institute collects epidemiological data from all laboratories on a quarterly basis. The Directorate of the Institute shares the epidemiological data collected from all laboratories with the Ministry of Agriculture and Forestry every 3 months. Annual report to the Ministry of Agriculture and Forestry.

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

Yes

IF THE ANSWER IS YES, PLEASE PROVIDE DETAILS OF THE DATA COLLECTED:

Publications, technical meetings and reports

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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Dayo O I, Adeola A E, Igbekele A A, Özdemir Ü, Sunday A D. (2022) Prevalence of *Mycoplasma gallisepticum* and *Mycoplasma synoviae* in Free Range Chickens and Wild Birds in Osun, Oyo and Kwara States Nigeria *Tropical Veterinarian*, 40: (1 & II), 1-13. WEBSITE: [www.tropivet.com](http://www.tropivet.com) ISSN 0794-4845, Nigeria  
Cengiz Ş, Okur S, Oz C, Turgut F, Gumurcinler B, Sevuk N S, Kekeç A I, Cepoglu H, Sevimli Ü and Adiguzel M C. (2023) Prevalence and clonal diversity of methicillin-resistant *Staphylococcus aerous* and methicillin-resistant *Staphylococcus pseudointermeius* isolated from dogs and cats with eye discharge. *Acta Microbiologica et Immunologica Hungaria*. 70 (2) , 134- 141.  
DOI : <https://doi.org/10.1556/030.2023.01899>

b) International conferences:

c) National conferences:

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

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Annual report to the Ministry of Agriculture and Forestry of TURKIYE  
<https://vetkontrol.tarimorman.gov.tr/pendik/Sayfalar/Detay.aspx?Sayfald=11>

## TOR7: SCIENTIFIC AND TECHNICAL TRAINING

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

Yes

a) Technical visit : 1

b) Seminars : 2

c) Hands-on training courses: 2

d) Internships (>1 month) 0

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
C	TAJIKISTAN	1
A	AZERBAIJAN	2
B	AZERBAIJAN	1
B	GEORGIA	1
C	SWITZERLAND	1

## TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
EN ISO/IEC 17025	pdf	AKREDİTASYON SERTİFİKASI VE KAPSAMI.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
Isolation and identification of Mycoplasma meleagridis	TURKAK
Diagnosis of Mycoplasma gallisepticum by Real-Time PCR	TURKAK
Diagnosis of Contagious Agalactiae by PCR	TURKAK
Isolation and identification of Mycoplasma gallisepticum	TURKAK
Diagnosis of Contagious Caprine Pleuropneumoniae by PCR	TURKAK

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

Yes

Personnel biorisk training, Biological agents and toxin inventory and information system, General laboratory safety programme: chemical safety, clothing and personal protective equipment, waste management, worker health programme, biological safety cabinets etc.

## TOR9: SCIENTIFIC MEETINGS

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOAHA?

No

22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAHA?

No

## TOR10: NETWORK WITH WOAHA REFERENCE LABORATORIES

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

Yes

24. Do you network (collaborate or share information) with other WOAHA Reference Laboratories designated for the same pathogen?

No

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

No

26. Did your laboratory collaborate with other WOA 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 WOA REFERENCE LABORATORIES
Discountools CBPP and CCPP	Disease & Product analysis document Gap Analysis and Prioritisation Scoring sheets	CIRAD, France

## TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

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

Yes

Purpose for inter-laboratory test comparisons <sup>1</sup>	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the Test	WOAH Member Countries
Ring trial : Mccp PCR detection	Organizer (Postponed)	4	Mycoplasma capricolum subsp capripneumoniae molcular detection	TURKEY,

## TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

Yes

*On Feb. 6, 2023, a magnitude 7.8 earthquake occurred in our country. Many of our provinces were affected by the earthquake and a major disaster occurred. For this reason, some national congresses were canceled, organized technical meetings and ring trials were postponed.*

*-Therefore, a national CCPP ring trial was organized in 2023 but unfortunately, it had to be postponed to 2024. Postponed ring trials will be held in 2024. Meetings rescheduled for 2024*