

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 7 mai 2024 11:21

Laboratory Information

Name of disease (or topic) for which you are a designated WOAH Reference Laboratory:	Rabies
Address of laboratory:	Dr Staicovici 63
Tel.:	+40722389295
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Website:	www.idah.ro
Name (including Title) of Head of Laboratory (Responsible Official):	Associate Professor Dr. Florica Barbuceanu
Name (including Title and Position) of WOAH Reference Expert:	Vlad Vuta, DVM, PhD, Head of Virology Department
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 WOAH Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
FAVN		1440	10
ELISA		36	0
Tetracycline detection		36	0
Direct diagnostic tests			
FAT		205	0
RTCIT		10	0
PCR		55	0

TOR2: REFERENCE MATERIAL

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

No

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

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TEST	PRODUCED/ PROVIDE	AMOUNT SUPPLIED NATIONALLY (ML, MG)	AMOUNT SUPPLIED INTERNATIONALLY (ML, MG)	NO. OF RECIPIENT WOAH MEMBER COUNTRIES	COUNTRY OF RECIPIENTS
Wild Rabies virus (brine homogenate)	FAT	IDAH	20 g	5 g	1	MOLDOVA,

4. Did your laboratory produce vaccines?

Not applicable

5. Did your laboratory supply vaccines to WOAHP Members?

Not applicable

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
Whole genome sequencing and phylogenetic characterization of rabies virus strains from Moldova and north-eastern Romania	3 years	Molecular characterization of rabies virus strains from Moldova and Romania	Faculty of Veterinary Medicine Iasi ANSES, Rabies Laboratory Nancy Institute for Veterinary Diagnosis Moldova Institute for Diagnosis and Animal Health Bucharest Romania	FRANCE MOLDOVA ROMANIA
Retrospective analysis of seroprevalence and bait uptake estimations in foxes after oral rabies vaccination programmes at European level: Lessons learned and paths forward	3 years	Evaluation the impact of several variables on the bait uptake and the seroconversion rate	Anses, Nancy Laboratory for Rabies and Wildlife National Diagnostic and Research Veterinary Institute Bulgaria Veterinary and Food Board Estonia Department of Molecular Diagnostics, FMD, Virological, Rickettsial and Exotic diseases, Athens Veterinary Centre Finnish Food Authority Croatian Veterinary Institute Institute of Food Safety, Animal Health and Environment "BIOR", Latvia National Food and Veterinary Risk Assessment Institute Lithuania Institute for Diagnosis and Animal Health Bucharest Romania	BULGARIA CROATIA ESTONIA FINLAND FRANCE GREECE LATVIA LITHUANIA ROMANIA
			Faculty of Veterinary Medicine Bucharest Institute for Diagnosis and Animal Health Bucharest	

Two Sylvatic Rabies Re-Emergences in Central-Eastern Europe over the 2021–2022 Period: An Unprecedented Situation in Recent Years	2 years	The presentation of two epidemiological events and discusses the importance and challenges of maintaining ORV programmes	Romania Anses, Nancy Laboratory for Rabies and Wildlife National Veterinary Research Institute, NRL for Rabies Poland National Food Chain Safety Office VDD, NRL for Rabies Hungary State Veterinary and Food Institute, Veterinary Institute Slovakia The State Scientific and Research Institute of Laboratory Diagnostics and Veterinary Sanitary Expertise Ukraine	FRANCE HUNGARY POLAND ROMANIA SLOVAKIA UKRAINE
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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:

Our Laboratory collected data based on our Laboratory Information Management System (LIMS) implemented in all County Laboratories and Directorates

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:

The Epidemiological analysis we elaborate is send to the Central Authority every year

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:

b) International conferences:

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At the annual meeting of the NRLs for Rabies within European Union

c) National conferences:

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

1

The Epidemiological analysis we elaborate is send to the Central Authority

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOA H 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)	
ISO 17025	ISO 17025 certificate	17025.pdf
ISO 17043	ISO 17043 certificate	17043.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
FAT/17025	Romanian Accreditation Body (RENAR)
RTCIT/17025	Romanian Accreditation Body (RENAR)
PCR/17025	Romanian Accreditation Body (RENAR)
Sequencing/17025	Romanian Accreditation Body (RENAR)
FAVN/17025	Romanian Accreditation Body (RENAR)
DRIT/17025	Romanian Accreditation Body (RENAR)
ELISA/17025	Romanian Accreditation Body (RENAR)
Tetracycline detection/17025	Romanian Accreditation Body (RENAR)
FAT/17043	Romanian Accreditation Body (RENAR)
ELISA/17043	Romanian Accreditation Body (RENAR)
Tetracycline detection/17043	Romanian Accreditation Body (RENAR)

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

Yes

We have implemented requirements of ISO 35001:2019

TOR9: SCIENTIFIC MEETINGS

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

No

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

No

TOR10: NETWORK WITH WOA H REFERENCE LABORATORIES

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

Yes

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

Yes

NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOA H REF. LABS
RABLAB NETWORK	Participant	15	All Rabies WOA H Ref. Labs

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

Yes

PURPOSE OF THE PROFICIENCY TESTS: 1	ROLE OF YOUR REFERENCE LABORATORY (ORGANISER/ PARTICIPANT)	NO. PARTICIPANTS	PARTICIPATING WOA H REF. LABS/ ORGANISING WOA H REF. LAB.
Rabies diagnosis by PCR	participant	15	Organizing by WOA H Reference Laboratory from France

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
Two Sylvatic Rabies Re-Emergences in Central-Eastern Europe over the 2021–2022 Period: An Unprecedented Situation in Recent Years	Presentation of two epidemiological events and discusses the importance and challenges of maintaining ORV programmes	WOAH Reference Laboratory from France
Retrospective analysis of sero-prevalence and bait uptake estimations in foxes after oral rabies vaccination programmes at European level: Lessons learned and paths forward	The study was been set up to evaluate the impact of several variables on the bait uptake and the seroconversion rate.	WOAH Reference Laboratory from France
Whole genome sequencing and phylogenetic characterisation of rabies virus strains from Moldova and north-eastern Romani	the better understand of rabies isolates distribution in Moldova and north-eastern Romania	WOAH Reference Laboratory from 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 ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the Test	WOAH Member Countries
Rabies diagnosis by FAT	organizer	1	Rabies diagnosis by FAT	MOLDOVA,

TOR12: EXPERT CONSULTANTS

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

No

29. Additional comments regarding your report:

No