

## WOAH Reference Laboratory annual reports (RINDERPEST)

### Activities in 2024

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### A: Maintaining Scientific and Technical Skills

1. Did your laboratory perform relevant diagnostic tests for purposes such as disease, diagnosis, screening of animals for export, surveillance, etc. (not for quality control, proficiency testing or staff training)
  - a. For the specified disease?
  - b. For closely related diseases or pathogens?

Disease	Diagnostic Test	Indicated in WOAH Manual (Yes/No)	Total number of tests performed last year	
			Nationally	Internationally
Rinderpest	Seroneutralisation test	Yes	20	
Rinderpest	RT-PCR	Yes		5
Rinderpest	Vaccine sterility test	Yes	7	
PPR (see report of WOAH ref lab for PPR)				

2. Did your laboratory produce, supply, or import standard reference reagents officially recognised by the WOAHA for the specified disease or for closely related diseases?

Type of Reagent Available	Related diagnostic test	Produced/Supplied/Imported	Amount supplied nationally (ml, mg)	Amount supplied internationally (ml, mg)	Name of recipient WOAHA member countries

3. Did your laboratory supply, exchange or receive standard reference reagents and/or other diagnostic reagents for the specified disease

Type of reagent	Related diagnostic test	Supplied by your lab, exchanged or received	Amount	Name of recipient or supplier member country

4. Did your laboratory provide expert advice in technical consultancies on the request of an WOAHA Member Country for the specified disease or for closely related diseases?

Name of the WOAHA member country receiving the technical consultancy	Purpose	How the advice was provided
WOAHA	Revision of WOAHA terrestrial manual chapter on Rinderpest	Revision of document with expert groups, email exchanges
AU-PANVAC	Production of RPV vaccine bank in collaboration with NVI	Email exchanges, reception of RNA samples for genomic analyses (done in 2025)
PPR (see report of WOAHA ref lab for PPR)		

5. What method of dissemination of information is most often used by your laboratory? (please provide information on activities for other diseases relevant to maintaining capability for specified disease) [a: Articles published in peer-reviewed journals; b: International conferences; c: National conferences; d: Other]

a:

Bataille A, Baron MD. Rinderpest and peste des petits ruminants: state of play in disease eradication efforts. Rev Sci Tech. 2024 Dec;Special Edition:43-52.

d: Website:

News on unit website: <https://umr-astre.cirad.fr/actualites/20242/l-unite-conserve-son-statut-d-etablissement-habilite-a-detenir-des-vaccins-contenant-le-virus-de-la-peste-bovine>

PPR (see report of WOAHP ref lab for PPR)

6. Did your laboratory provide scientific and technical training to laboratory personnel from other WOAHP Member Countries?

☒ Yes

☐ No

PPR (see report of WOAHP ref lab for PPR)

7. Did your laboratory implement activities to ensure ongoing capability for the designated disease or closely related disease in the event of loss of the key staff including the WOAHP Reference Expert?

Activity	Description
Destruction of all Rinderpest containing material	CIRAD destroyed all its RCVN and is now only category B RHF , holding RPV vaccine seed
Inspection of RHF by WOAHP and FAI with independent experts	CIRAD received delegates from WOAHP and FAO and independent experts to inspect its facility and confirm its capacity for its role as cat B RHF

## B: Laboratory Systems

8. Does your laboratory have a Quality Management System certified according to an International Standard? If YES indicate the name of the quality management system adopted or currently in place. Also attach a scanned certificate of the system.

ISO17025

9. Is your laboratory accredited by an international accreditation body? If 'yes' indicate test for which your laboratory is accredited and name of the accreditation body.

ELISA and PCR, COFRAC

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

☒ Yes

☐ No

11. Does your laboratory have a biosecurity system in place to ensure security for the pathogen and materials that may contain the infectious pathogen?

☒ Yes

☐ No

### C: Capability to Respond to a Suspected Case

12. In the last year, did your laboratory perform diagnostic tests for the specified pathogen and the disease in order to confirm ongoing capability?

Diagnostic Test	Indicated in WOH Manual (Yes/No)	Total number of tests performed last year

13. Did your laboratory produce vaccines for the specified disease or similar diseases?

Disease	Amount supplied nationally or internationally

14. Did your laboratory organise or participate in inter-laboratory proficiency tests with any other laboratories for the specified disease or similar diseases?

Role of your laboratory (organiser or participant)	Disease	Test	Number of participating laboratories	Regions of participating WOAH member countries
	PPR (see report of WOA ref lab for PPR)			

## D: Networks and Linkages

15. Did your laboratory organise or participate in scientific meetings for the specified disease?

Title of event	Date	Location	Role (Organiser, speaker, presenter)	Title of work presented
FAO Global Conference on Animal Health Innovation, Reference Centres, and Vaccines (RCVI)	from 23 to 25 September 2024	Rome	None concerning RPV	-

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

☒ Yes

☐ No

17. Was your laboratory involved in maintaining a network with WOA Reference Laboratories designated for the same pathogen or disease?

☐ Yes

☒ No

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

☒ Yes

☐ No

19. Did your laboratory carry out activities to raise awareness and improve capability for this disease in other member countries?

Description of activity	Date	Member countries

### E: Biosafety

20. What level of biocontainment is used in your laboratory for (a) storage and (b) handling of potentially infectious material for the specified disease?

BSL-3, with storage of material in locked safes (no infectious material kept at the moment)

21. Does your laboratory maintain a structured risk assessment for work with potentially infectious material for the specified disease?

☒ Yes

☐ No

22. Was your laboratory's risk assessment for work with potentially infectious material reviewed in the past year?

☒ Yes

☐ No

23. Does your laboratory have an emergency response plan for biosafety incidents involving potentially infectious material for the specified disease?

☒ Yes

☐ No

## F: Research

24. Did your laboratory develop new diagnostic methods for the designated pathogen or disease, or a similar disease?

Disease	Diagnostic Method	Description
PPR (see report of WOAHA ref lab for PPR)		

25. Did your laboratory participate in international scientific studies in collaboration with WOAHA Member Countries other than your own?

Title of study	Duration	Purpose of study	Partners (Institutions)	WOAHA Member Countries Involved other than your Country

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

Title of Project or Contract	Scope	Name(s) of relevant WOAHA Reference Laboratories
Serology and PCR diagnostic on samples collected from animals kept in animal facility close to Rinderpest Holding Facility (RHF), CIRAD, France	Support of PI for the serological tests	Pirbright Institute (PI)

27. Additional comments regarding your report (if any):