

WOAH Reference Laboratory Reports Activities 2023

Activities in 2023

This report has been submitted : 25 juin 2024 14:00

Laboratory Information

Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:	African Swine Fever & African Horse sickness
Address of laboratory:	Avda. Puerta de Hierro s/n
Tel.:	+34-91 394.40.82
E-mail address:	jmvizcaino@ucm.es
Website:	https://www.sanidadanimal.info/es/nosotros/387-equipo-suat
Name (including Title) of Head of Laboratory (Responsible Official):	Prof. Dr. Jose Manuel Sánchez-Vizcaino Full Professor on Animal Health, Department Animal Health. University Compluente Madrid (UCM)
Name (including Title and Position) of WOAHO Reference Expert:	Director of WOAHO referemce Labs at the UCM
Which of the following defines your laboratory? Check all that apply:	Academic institution

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			
ELISA, WESTER BLOT, IMMUNOFLUORESCENT		0	20
Direct diagnostic tests			
VIRUS ISOLATION AND HEMOANSORTION		0	22

TOR2: REFERENCE MATERIAL

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

Yes

TYPE OF REAGENT AVAILABLE	RELATED DIAGNOSTIC TESTING	PRODUCED/ IMPORTED	QUANTITY SUPPLIED NATIONWIDE (ML, MG)	QUANTITY SUPPLIED AT INTERNATIONAL LEVEL (ML, MG)	NAME OF BENEFICIARY WOAHO MEMBER COUNTRIES

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	AMOUNT SUPPLIED INTERNATIONALLY	NO. OF RECIPIENT WOAHO MEMBER	COUNTRY OF RECIPIENTS

			NATIONALLY (ML, MG)	(ML, MG)	COUNTRIES	
Reference serum	ELISA AND WESTER BLOT	YES	0	22	2	DOMINICAN (REP), ITALY,

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?

Yes

NAME OF THE NEW TEST OR DIAGNOSTIC METHOD DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
Molecular and serological DIVA test for an ASF vaccine prototype Ingenasa company	Patent pending

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

Yes

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

Yes

NAME OF THE NEW VACCINE DEVELOPED	DESCRIPTION AND REFERENCES (PUBLICATION, WEBSITE, ETC.)
Lv17/WB/Rie1 dAB ASF mutant of the ASFV	Patent pending Barasona JA., Gallardo C., Cadenas-Fernández E., Jurado C., Rivera B., Rodríguez-Bertos A., Arias M., Sanchez-Vizcaino JM. "First Oral Vaccination of Eurasian Wild Boar Against African Swine Fever Virus Genotype II". <i>Frontiers in veterinary science</i> , 6(137):1-10. 04/2019 Barasona JA., Cadenas-Fernández E., Kosowska A., Barroso-Arevalo S., Rivera B., Sanchez R., Porras N., Gallardo C., Sanchez-Vizcaino JM. "Safety of African Swine Fever Vaccine Candidate Lv17/WB/Rie1 in Wild Boar: Overdose and Repeated Doses". <i>Frontiers in immunology</i> , 12:761753. 11/2021

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?

Yes

NAME OF THE WOAHP MEMBER COUNTRY RECEIVING A TECHNICAL CONSULTANCY	PURPOSE	HOW THE ADVICE WAS PROVIDED
CHILE	Advice on ASF control and eradication	Phone calls, emails

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
EU VACDIVA PROYECT	4 YEARS	developing a safe and effective vaccines for domestic pigs and wild boars, their companion DIVA tests and effective tools for control and eradication strategies	ASF Internacional Reference Laboratories: UCM, INIA. ASF National Reference Laboratories: SVI, VFL, NFCSO, IZSUM, BIOR, NFVRAI. Industrial companies: MSD, INGENASA. Research Organizations: IZS, FMV, MPG, WBVR. Partners from non-EU countries: ARRIAH, IAS-CAAS,	CHINA (PEOPLE'S REP. OF) CZECH REPUBLIC ESTONIA GERMANY HUNGARY ITALY KENYA LATVIA PORTUGAL RUSSIA SPAIN THE

		in Europe.	CAHEC, ILRI. Farmers: European Coordination Via Campesina (ECVC). Management and Dissemination: HORIZCIENCE.	NETHERLANDS
Single-cycle Replicon-based African Swine Fever Virus Subunit Vaccine" under the funding opportunity of the 2018 USDA AFRI Foundational Proposal [Program Area-A1221]	3 YEARS	In vivo test of a prototype vaccination against swine fever african	Kansas State University	UNITED STATES OF AMERICA

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:

The data collected is reflected in the published articles mentioned below.

ASF SAMPLES (BLOOD AND TISSUE)

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:

YES, SEE PUBLICATIONS .

Ito, S., Aguilar-Vega, C., Bosch, J., Isoda, N., & Sánchez-Vizcaíno, J. M. (2024). Application of machine learning with large-scale data for an effective vaccination against classical swine fever for wild boar in Japan. *Scientific Reports*, 14(1), 1-11.

Porras N., Sanchez-Vizcaino JM., Rodriguez-Bertos A., Kosowska A., Barasona JA. "Tertiary lymphoid organs in wild boar exposed to a low-virulent isolate of African swine fever virus". *The Veterinary quarterly*, 44(1):1-13. 03/2024.

Kosowska A., Barasona JA., Barroso-Arevalo S., Blondeau-Leon L., Cadenas-Fernández E., Sanchez-Vizcaino JM. "Low transmission risk of African swine fever virus between wild boar infected by an attenuated isolate and susceptible domestic pigs". *Frontiers in veterinary science*, 10:1-10. 08/2023.

Ito S., Bosch J., Aguilar-Vega C., Isoda N., Martinez-Aviles M., Sanchez-Vizcaino JM. "Development of an Effective Oral Vaccine Dissemination Strategy against Classical Swine Fever for Wild Boar in Gifu Prefecture, Japan". *Transboundary and Emerging Diseases*, 1-13. 02/2023.

Ito S., Kawaguchi N., Bosch J., Aguilar-Vega C., Sanchez-Vizcaino JM. "What can we learn from the five-year African swine fever epidemic in Asia". *Frontiers in veterinary science*, 10:1273417. 09/2023.

Barroso-Arevalo S., Diaz-de Frutos M., Kosowska A., Perez-Sancho M., Dominguez L., Sanchez-Vizcaino JM. "A useful tool for the safe diagnosis and control of the two main

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:

30

Ito, S., Aguilar-Vega, C., Bosch, J., Isoda, N., & Sánchez-Vizcaíno, J. M. (2024). *Application of machine learning with large-scale data for an effective vaccination against classical swine fever*

for wild boar in Japan. *Scientific Reports*, 14(1), 1-11.

Porrás N., Sánchez-Vizcaino JM., Rodríguez-Bertos A., Kosowska A., Barasona JA. "Tertiary lymphoid organs in wild boar exposed to a low-virulent isolate of African swine fever virus". *The Veterinary quarterly*, 44(1):1-13. 03/2024.

Kosowska A., Barasona JA., Barroso-Arevalo S., Blondeau-Leon L., Cadenas-Fernández E., Sánchez-Vizcaino JM. "Low transmission risk of African swine fever virus between wild boar infected by an attenuated isolate and susceptible domestic pigs". *Frontiers in veterinary science*, 10:1-10. 08/2023.

Ito S., Bosch J., Aguilar-Vega C., Isoda N., Martínez-Aviles M., Sánchez-Vizcaino JM. "Development of an Effective Oral Vaccine Dissemination Strategy against Classical Swine Fever for Wild Boar in Gifu Prefecture, Japan". *Transboundary and Emerging Diseases*, 1-13. 02/2023.

Ito S., Kawaguchi N., Bosch J., Aguilar-Vega C., Sánchez-Vizcaino JM. "What can we learn from the five-year African swine fever epidemic in Asia?". *Frontiers in veterinary science*, 10:1273417. 09/2023.

Barroso-Arevalo S., Diaz-de Frutos M., Kosowska A., Perez-Sancho M., Dominguez L., Sánchez-Vizcaino JM. "A useful tool for the safe diagnosis and control of the two main pandemics of the XXI century: COVID-19 and African Swine Fever disease". *PLoS ONE*, 18(3):e0282632. 03/2023.

Aguilar-Vega, C., Muñoz-Pérez, C., Sánchez-Vizcaino, J. M., Martínez-Avilés, M., & Bosch, J. (2023). Eco-Sanitary Regionalization of Wild Boar (*Sus scrofa*) in the Western Palearctic Realm as a Tool for the Stewardship of African Swine Fever. *Transboundary and Emerging Diseases*, 2023.

Goicolea, T., Cisneros-Araújo, P., Vega, C. A., Sánchez-Vizcaino, J. M., Bosch, J., & Mateo-Sánchez, M. (2023). Landscape connectivity for predicting the spread of ASF in the European wild boar population. *Scientific Report*.

Morelle, K., Barasona, J. A., Bosch, J., Heine, G., Daim, A., Arnold, J., ... & Safi, K. (2023). Accelerometer-based detection of African swine fever infection in wild boar. *Proceedings of the Royal Society B*, 290(2005), 20231396.

Martínez-Aviles M., Bosch J., Iborra B., Ramos AM., Ito S., Barasona JA., Sánchez-Vizcaino JM. "Epidemiological impacts of attenuated African swine fever virus circulating in wild boar populations". *Research in Veterinary Science*, 162:104964. 09/2023.

Cadenas-Fernández, E.; Ito, S.; Aguilar-Vega, C.; Sánchez-Vizcaino, J.M.; Bosch, J. The role of the wild boar spreading African swine fever virus in Asia: another underestimated problem. *Front. Vet. Sci*, 2022. <https://doi.org/10.3389/fvets.2022.844209>

de la Torre A., Bosch J., Sánchez-Vizcaino JM., Ito S., Muñoz-Pérez C., Iglesias-Martin I., Martínez-Aviles M. "African Swine Fever Survey in a European Context". *Pathogens*, 11(2):137. 01/2022.

Munoz-Perez C., Bosch BJ, Ito S., Martínez-Aviles M., Sánchez-Vizcaino JM. "Quantitative Risk Assessment of African Swine Fever Introduction into Spain by Legal Import of Live Pigs". *Pathogens*, 11(1):76. 01/2022.

Ito S., Bosch J., Jeong H., Aguilar-Vega C., Park J., Martínez-Aviles M., Sánchez-Vizcaino JM. "Spatio-Temporal Epidemiology of the Spread of African Swine Fever in Wild Boar and the Role of Environmental Factors in South Korea". *Viruses-Basel*, 14(12):2779. 12/2022.

Ito S., Bosch J., Martínez-Aviles M., Sánchez-Vizcaino JM. "The Evolution of African Swine Fever in China: A Global Threat?". *Frontiers in veterinary science*, 9:828498. 03/2022.

Ito, S.; Bosch, J.; Martínez-Avilés, M.; Sánchez-Vizcaino, J.M. The evolution of African swine fever in China: a global threat? *Front. Vet Sci*, 2022, 9: 828498. Doi: doi: 10.3389/fvets.2022.828498

b) International conferences:

14

c) National conferences:

15

Sánchez-Vizcaino JM. "¿Conseguiremos una VACUNA para la ENFERMEDAD más LETAL del sector porcino?". *agriNews TV*. Madrid, Spain. 11/03/2024. (TV interview)

Sánchez-Vizcaino JM. "Peste porcina africana". *Diario Veterinario podcasts*. Madrid, Spain. 14/02/2024. (Radio interview)

Goyache J. "Comunicación en situaciones de crisis sanitaria. Asignatura de Coordinación de la respuesta tras un desastre". *Máster Universitario en Gestión de Desastres*. Madrid, Spain. 18/01/2024. (Oral communication)

Sánchez-Vizcaino JM. "De sueño a una realidad cercana. La vacuna de la PPA". *XXVI Edición del Simposio Nacional AVEDILA*. Elche, Spain. 21/11/2023. (Oral communication)

Aguilar-Vega, C., Bosch, J., Martínez-Avilés, M., Ito, S., Muñoz-Pérez C., and Sánchez-Vizcaino, JM. Introduction and exposure of wild boar to African swine fever virus by contaminated pork products in Spain via seaports. *GeoVet Italy 2023* (Poster presentation).

Bosch, J., Goicolea, T., Cisneros Araujo, P., Mateo, MC., Aguilar-Vega, C., Ito, S., and Sánchez-Vizcaino, JM. *Landscape Connectivity and travel corridors routes for predicting the spread of ASF in European wild boar*. *GeoVet Italy 2023 (Oral communication)*.

Bosch, J., Cecilia Aguilar-Vega, Benjamin Ivorra, Steven M. Goodman Mary Louise Penrith, Ferran Jori, Rafael Reyna, Ara Monadjem, Jean-Pierre d'Huart, Michael Somers, Carlos Quembo, Rianja Rakotoarivony. Cynthia Mapendere, Dewald Kleynhans, Hélène Jourdan-Pineau, Carlos Gonzalez-Crespo, Armanda Bastos, Yvonne A. de Jong, Thomas M. Butynski, José Manuel Sánchez-Vizcaino, Beatriz Martínez-López. *Eco-Epi cartographic tool for managing ASF in Africa: mapping African wild suids distribution based on the quality of available habitat*. *GeoVet Italy 2023 (Poster presentation)*.

Gert Jan Boender, Ed G.M. van Klink, Thomas J. Hagenaars, Jaime Bosch Marta Martínez Avilez, Kevin Morelle, Cecilia Aguilar-Vega, Inbi Nurmoja, Arvo Viltrop, Tarmo Niine, Jose Manuel Sánchez-Vizcaino, Edvins Olsevskis. *Spatial risk maps for African Swine Fever transmission in the Latvian wild boar population*. *GeoVet Italy 2023 (Poster presentation)*.

Barroso-Arevalo S., Diaz-de Frutos M., Kosowska A., Perez-Sancho M., Dominguez L., Sanchez-Vizcaino JM. "Una herramienta útil para el diagnóstico y control seguro de las dos principales pandemias del siglo XXI: la COVID-19 y la peste porcina africana". *XXVI Edición del Simposio Nacional AVEDILA*. Elche, Spain. 20/11/2023. (Oral communication)

Sanchez-Vizcaino JM. "Fundamentos y tipos de vacunas: Inactivadas, atenuadas, delecionadas, DIVA. Presente y futuro". *Máster Universitario en Sanidad y Producción Porcina*. Madrid, Spain. 21/09/2023. (Oral communication)

Aguilar-Vega C., Bosch J., Ito S., Sanchez-Vizcaino JM. "Una herramienta cartográfica para la gestión de enfermedades porcinas en Oceanía: cartografía de la distribución del cerdo feral en función de la calidad del hábitat disponible". *Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030*. Madrid, Spain. 06/07/2023. (Poster communication)

Kosowska A., Barasona JA., Barroso-Arevalo S., Diaz-de Frutos M., Rivera B., Dominguez L., Sanchez-Vizcaino JM. "Método de muestreo sencillo y seguro para monitorizar el virus de la peste porcina africana". *Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030*. Madrid, Spain. 06/07/2023. (Poster communication)

Martinez-Aviles M., Bosch J., Ivorra B., Aguilar-Vega C., Ito S., Barasona JA., Sanchez-Vizcaino JM. "Impacto de la circulación del virus atenuado de la peste porcina africana". *Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030*. Madrid, Spain. 06/07/2023. (Poster communication)

Porras N., Rodríguez-Bertos A., Barasona JA., Kosowska A., Sanchez-Vizcaino JM. "Estudio histopatológico e inmunohistoquímico de órganos linfoides terciarios inducidos por infecciones crónicas de Peste Porcina Africana en jabalíes". *XXXIV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria (SEAPV)*. Valencia, Spain. 08/06/2023. (Oral communication)

Munoz-Perez C. "Claves para el control y la erradicación de la peste porcina africana". *Concurso de Tesis en 3 minutos*. Madrid, Spain. 02/06/2023. (Oral communication)

Sanchez-Vizcaino JM. "Novedades en peste porcina africana". *Webinar: Últimos avances en peste porcina africana*. Madrid, Spain. 22/05/2023. (Oral communication)

Munoz-Perez C. "Claves para el control y la erradicación de la peste porcina africana". *Concurso UCM de Tesis en 3 minutos*. Madrid, Spain. 18/05/2023. (Oral communication)

Kosowska A. "Evaluación de la seguridad de una vacuna viva atenuada frente al virus de la peste porcina africana en jabalí". *Concurso UCM de Tesis en 3 minutos*. Madrid, Spain. 18/05/2023. (Oral communication)

Sanchez-Vizcaino JM. "Temor en las granjas españolas a que llegue la peste porcina africana". *Telediarío 11*. Madrid, Spain. 16/02/2023. (TV interview)

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

1

<https://www.sanidadanimal.info/es/investigacion/publicaciones>

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 : 8

b) Seminars : 12

c) Hands-on training courses: 1

d) Internships (>1 month) 3

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
B	SPAIN	3
A	UNITED STATES OF AMERICA	2
A	BELGIUM	3
A	ITALY	2
A	KOREA (REP. OF)	2
A	JAPAN	1
A	JAPAN	3

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ENAC	ISO 17025	ENAC - WOAH 2023.jpg

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
ASFV qPCR Fernández-Pinero et al. (2013)	817/LE1410 ENAC

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

Yes

The laboratory is located in facilities with a biosecurity level 3

TOR9: SCIENTIFIC MEETINGS

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

Yes

NATIONAL/ INTERNATIONAL	TITLE OF EVENT	CO-ORGANISER	DATE (MM/YY)	LOCATION	NO. PARTICIPANTS
International	VACDIVA POLICY EVENT	HORIZCIENCE	2023-11-29	MADRID, SPAIN	60

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

Yes

Title of event	Date (mm/yy)	Location	Role (speaker, presenting poster, short communications)	Title of the work presented
GeoVet Italy 2023 Landscape Connectivity and travel corridors routes for predicting the spread of ASF in European wild boar. GeoVet Italy 2023 (Oral communication).	2023-10-17	ITALY	Speaker	History of African Swine Fever, Europe & Asia
GeoVet Italy 2023 Eco-Epi cartographic tool for managing ASF in Africa: mapping African wild suids distribution based on the quality of available habitat. GeoVet Italy 2023 (Poster presentation).	2023-10-17	ITALY	POSTER PRESENTATION	
GeoVet Italy 2023 Spatial risk maps for African Swine Fever transmission in the Latvian wild boar population. GeoVet Italy 2023 (Poster presentation).	2023-10-17	ITALY	POSTER PRESENTATION	
GeoVet Italy 2023	2023-10-17	ITALY	POSTER PRESENTATION	
Una herramienta útil para el diagnóstico y control seguro de las dos principales pandemias del siglo XXI: la COVID-19 y la peste porcina africana". XXVI Edición del Simposio Nacional AVEDILA. Elche, Spain. 20/11/2023. (Oral communication)	2023-11-20	SPAIN	Speaker	
Introduction and exposure of wild boar to African swine fever virus by contaminated pork products in Spain via seaports.	2023-10-17	ITALY	POSTER PRESENTATION	

GeoVet Italy 2023 (Poster presentation).				
"De sueño a una realidad cercana. La vacuna de la PPA". XXVI Edición del Simposio Nacional AVEDILA. Elche, Spain. 21/11/2023. (Oral communication)	2023-11-21	SPAIN	Speaker	
"Fundamentos y tipos de vacunas: Inactivadas, atenuadas, deleccionadas, DIVA. Presente y futuro". Máster Universitario en Sanidad y Producción Porcina. Madrid, Spain. 21/09/2023. (Oral communication)	2023-09-21	SPAIN	Speaker	
Una herramienta cartográfica para la gestión de enfermedades porcinas en Oceanía: cartografía de la distribución del cerdo feral en función de la calidad del hábitat disponible". Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030. Madrid, Spain. 06/07/2023. (Poster communication)	2023-07-06	SPAIN	Speaker	
Método de muestreo sencillo y seguro para monitorizar el virus de las peste porcina africana". Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030. Madrid, Spain. 06/07/2023. (Poster communication)	2023-07-06	SPAIN	POSTER PRESENTATION	
"Impacto de la circulación del virus atenuado de la peste porcina africana". Jornadas Vigilancia Sanitaria 2023: presente y futuro para 2030. Madrid, Spain. 06/07/2023. (Poster communication)	2023-07-06	SPAIN	POSTER PRESENTATION	
Estudio histopatológico e inmunohistoquímico de órganos linfoides terciarios inducidos por infecciones crónicas de Peste Porcina Africana en jabalíes". XXXIV Reunión de la Sociedad Española de Anatomía Patológica Veterinaria (SEAPV). Valencia, Spain. 08/06/2023. (Oral communication)	2023-06-08	SPAIN	Oral communication	
"Novedades en peste porcina africana". Webinar: Últimos avances en peste porcina africana. Madrid, Spain. 22/05/2023. (Oral communication)	2023-05-22	SPAIN	(Oral communication)	
Temor en las granjas españolas a que llegue la peste porcina africana". Telediario 11. Madrid, Spain. 16/02/2023. (TV interview)	2023-02-16	SPAIN	(Oral communication)	

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

Yes

NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOA REF. LABS
VACDIVA PROJECT	COORDINATOR OF THE VACDIVA PROJECT	13	ITALY, SPAIN

25. Did you organise or participate in inter-laboratory proficiency tests with WOA 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 REF. LABS/ ORGANISING WOA REF. LAB.
Interlaboratory test	Participant	39	26NRLs from UE member states 9 NRLs from Europe non UE member states (Moldova, Serbia, Montenegro, North Macedonia, Bosnia& Herzegovina, Kosovo, UK, Switzerland and Norway) 3 NRLs from non European countries (Australia, Canadá y USA) 1 lab non NRL from UE

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
862874-VACDIVA H2020	To develop a safe and effective vaccine against ASFv for domestic pigs and wild boar	European ASF reference laboratory (CISA-INIA-CSIC)

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
Interlaboratory test	Participant	39	PCR, ELISA	CZECH REPUBLIC, ESTONIA, GERMANY, HUNGARY, ITALY, KENYA, LATVIA, LITHUANIA, PORTUGAL, RUSSIA, SPAIN,

TOR12: EXPERT CONSULTANTS

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

Yes

KIND OF CONSULTANCY	Location	SUBJECT (FACULTATIVE)
Consultancy to develop country level risk-based ASF Control Strategy	Remote	Epidemiology and infectious diseases

29. Additional comments regarding your report:

Yes

Our expert consultants are always available to the WOA