

WOAH Collaborative Centre Reports Activities 2025

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CENTRE INFORMATION

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TOR 1 AND 2: SERVICES PROVIDED

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by WOAH

Category	Title of activity	Scope
Disease control (true)	WOAH Regional Seminar: "Vector-Borne Diseases in the European Region"	A WOAH regional Seminar on "Vector-Borne Diseases in the European Region" has been organised in Teramo, on 25 - 27 June 2025, in support to WOAH regional representation for Europe. The Seminar's objectives included: • to further develop the key recommendations identified during previous events, • to facilitate the in-depth exchange of current epidemiological data, risk assessments, and predictive modelling techniques for VBDs within the European region, • to critically analyse and disseminate successful and innovative strategies for VBD prevention, • to share and evaluate effective control measures for established VBDs, • to strengthen inter-sectoral collaboration and communication among veterinary, public health, and environmental authorities in the development and implementation of integrated VBD prevention and control programs, • to identify key regional priorities and opportunities for collaborative research, surveillance networks, and joint prevention and control initiatives, • to formulate concrete and measurable recommendations for enhancing regional and national VBD prevention and control strategies.
Epidemiology, surveillance, risk assessment, (true)	Establishment of a risk-based surveillance system for Mosquito-Borne Diseases in North Africa (PROVNA2)	The second phase of the PROVNA project (called PROVNA2), aims at establishing a risk-based surveillance system across North Africa for mosquito-borne diseases (MBDs), using the eco-regionalization method developed in the so-called "phase 1" of the PROVNA project (Defining Ecoregions and Prototyping on EO-based Vector-borne Disease Surveillance System for North Africa), and capitalising on its findings and recommendations. The project started on August 2024 and will end on March 2026. A website for the visualization and analysis of ecoregions data has been developed and training provided to the beneficiary countries https://mapserver.izs.it/gis_provna_viewer/
Training, capacity building (true)	Blended training course on Basic Epidemiology in Animal Health	Upon request of the regional representation for Europe of the World Organisation for Animal Health (WOAH), a training course on basic epidemiology in Animal Health has been delivered for the Official Veterinarians of the Competent Authorities of the Russian Federation, Armenia, Azerbaijan, and Georgia. The course focuses on essential aspects for epidemiological data analysis, assessment of the relevance of animal health problems and definition of surveillance and control options. The course also provides an introduction to risk assessment methods, as an indispensable tool for managing risks in the international trade of

		live animals and as a valuable scientifically sound decision-making tool. The course was structured on four interactive online modules, carried out from 13 November to 3 December 2025. Participants: official veterinarians from Competent Authorities of the Russian Federation, Armenia, Azerbaijan, Georgia
Epidemiology, surveillance, risk assessment, modelling (true)	Project on: "Defining ecoregions and developing an EO-based Vector-borne zoonotic disease surveillance system in Western Balkans and Caucasus (PROVBAC)"	The project aims to establish a risk-based surveillance system across the Western Balkans and Caucasus for zoonotic vector-borne diseases (VBDs), using the ecoregionalisation method developed in the previous PROVNA project and surveillance data already available. Project Partners are: • WOA Regional Representation for Europe, • National Veterinary Authorities and National Veterinary Institutes of Albania, Bosnia Herzegovina, Georgia, Montenegro, North Macedonia and Serbia.
Epidemiology, surveillance, risk assessment, modelling (true)	Provisional model for WNF circulation in Italy	The provisional model for WNF circulation in Italy, based on climatic data and the results of the integrated national surveillance plan for WNF, was the basis of the development of this free application, able to predict the risk of WNF circulation with a time window of 15 days. The application and the algorithms have been improved and calibrated taking into account the most recent epidemiological data on WNF circulation in Italy. https://mapserver.izs.it/gis_wn_predictions/#
Epidemiology, surveillance, risk assessment, modelling (true)	African Swine Fever (ASF) epidemiological bulletin	An epidemiological bulletin has been developed and continually updated with the most recent data on the African Swine Fever (ASF) situation in Italy, presenting monitoring results through maps, tables, graphs, and narrative text. The bulletin is available (English version) on https://storymaps.arcgis.com/stories/9fe6aa3980ca438cb9c7e8d656358f35
Epidemiology, surveillance, risk assessment, modelling (true)	West Nile disease and Usutu epidemiological bulletins	A dedicated website, with story maps with the annual reports summarizing the results of West Nile virus and the Usutu virus surveillance activities in Italy have been developed and available on https://storymaps.arcgis.com/collections/b50666024702441dac792d0cb3aee32c https://westnile.izs.it/j6_wnd/home_en
Epidemiology, surveillance, risk assessment, modelling (true)	Management of the Veterinary National Epidemiological Bulletin	The Veterinary National Epidemiological Bulletin is published quarterly and contains the main figures regarding the epidemiological situation of animal diseases in Italy and some articles on main emerging arguments. https://www.izs.it/BENV_NEW/index_en.html
Training, capacity building (true)	Establishment of a risk-based surveillance system for Mosquito-Borne Diseases in North Africa (PROVNA2)	WOAH 1st webinar of PROVNA2 project on Satellite data "What, where & how to use them", on 18th March 2025. A total of 44 participants from Algeria, Libya, Mauritania, Morocco and Tunisia participated in the event. The material and recording are accessible on https://rr-africa.woah.org/en/trainings/woah-hosts-first-provna-2-webinar-on-the-use-of-satellite-data/ Second webinar of the PROVNA2 project on entomological collection, on 15th July 2025. The workshop was followed by a total of 38 participants from the following countries: Algeria (20), Libya (7), Mauritania (4), Tunisia (7). The material and video tutorial are available at https://rr-africa.woah.org/en/trainings/woah-hosts-the-second-provna-2-webinar-on-entomology-use-of-mosquito-traps/ . Third webinar of the PROVNA2 project on genomic surveillance for vector-borne diseases, on 18th September 2025. A total of 43 participants from Algeria, Libya, Mauritania, Morocco and Tunisia participated in the event. The material is available at https://rr-africa.woah.org/en/trainings/strengthening-genomic-surveillance-for-vector-borne-diseases-provna2-hosts-its-3rd-webinar-on-whole-genome-sequencing-wgs/ Training stages in Teramo for 10 persons from Algeria, Libya, Mauritania, Morocco and Tunisia on identification of Mediterranean mosquitoes with practical stages in Teramo: 10 – 14 November 2025 and 17 – 21 November 2025. Training stages in Teramo for 9 persons from Algeria, Mauritania, Morocco and Tunisia on detection of arbovirus (molecular biology): 10 – 14 November 2025 and 17 – 21 November 2025. The details of both trainings are available at https://rr-africa.woah.org/en/trainings/strengthening-laboratory-capacities-for-vector-borne-disease-surveillance-in-north-africa-two-rounds-of-provna2-training-completed-in-teramo/ Fourth webinar of the PROVNA2 project on the new PROVNA platform, on 10th December 2025. The event was dedicated in particular to all member countries of the PROVNA project, but invitations were also extended to PROVBAC countries. The event was open access, anyone interested could register through an event portal available on the WOA website. More details are available at https://www.woah.org/en/event/webinar-the-new-provna-platformecoregionalisation-to-support-the-surveillance-and-control-of-vector-borne-diseases-in-north-africa-and-beyond/ and https://rr-africa.woah.org/en/trainings/woah-hosts-webinar-on-the-new-provna-platform/ .

TOR 3: HARMONISATION OF STANDARDS

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the main focus area for which you were designated

Proposal title	Scope/Content	Applicable Area
SOP on Vector collection – use of traps and specifications for the use of traps' accessories	SOP for the entomological surveillance of mosquito borne diseases	Laboratory Expertise
Sop on animal sampling protocol for RVF confirmation and case definitions for suspected and confirmed RVF cases	SOP to harmonise the sampling protocol and laboratory case definition for RVF	Laboratory Expertise

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

No

4. Did your Collaborating Centre maintain a network with other WOA?H Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

Name of WOA?H CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
WOA?H CC on risk analysis and modelling	UK	Europa	Bilateral discussions are ongoing for the identification of scientific collaborations and partnerships in international activities. Further meetings are scheduled for March 2026.
WOA?H Reference Laboratory for Viral Encephalopathy and Retinopathy of Marine Fish	Italy	Europa	Collaboration in the framework of the WOA?H project: "Strengthening capacity on Aquatic Animal Health and Epidemiological Surveillance, AQUAE STRENGTH"
National Center for Global Health Istituto Superiore di Sanità (ISS)	Italy	Europa	Collaboration in the framework of the EU project: "One Health Network for the prevention of vector-borne diseases" (One Health Secure)
European Space Agency (ESA)	France	Europa	Collaboration in the framework of various project initiatives in the fields of Earth Observation Data and Satellite Imagery.

TOR 4 AND 5: NETWORKING AND COLLABORATION

5. Did your Collaborating Centre maintain a network with other WOA?H Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

Yes

Name of WOA?H CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
WOA?H CC on Reduction of the Risk of Disasters in Animal Health	Cuba	Americas	Collaboration in the framework of the WOA?H Collaborating Centre network on Veterinary Emergencies and training initiatives in the aspects related to One Health
			Strengthening capacity on

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WOAH Reference Laboratory for Viral Encephalopathy and Retinopathy of Marine Fish	Italy	Europe	aquatic animal health and epidemiological surveillance (Aqua strength)
WOAH Collaborating Centre on Biological Threat Reduction	USA	Americas	Collaboration in the framework of the WOAHC Collaborating Centre network on Veterinary Emergencies
WOAH CC on Animal Production Food Safety	Italy	Europe	Development of risk assessment models in food safety
WOAH CC on Veterinary Training and Capacity Building	Italy	Europe	Collaboration on international training initiatives including the development of e-learning contents on epidemiology, surveillance and risk analysis.

TOR 6: EXPERT CONSULTANTS

6. Did your Collaborating Centre place expert consultants at the disposal of WOAHC?

Yes

Name of expert	Kind of consultancy	Subject
Laura Amato	Participation at the 29th JPC REMESA Meeting . Marrakech (Morocco) 8-10 January 2025	Presentation on: "Rift Valley Fever & the PROVNA 2 project: Surveillance Activities and Regional Synergies"
Paolo Calistri	Participation at the 30th JPC REMESA Meeting. Nouakchott, Mauritania 02 - 03 July 2025	Presentation on: "New technologies and tools for the surveillance of diseases"
Annamaria Conte	Participation in the meeting of One Health High Level Expert Panel	Participation in the meeting of One Health High Level Expert Panel
Paolo Calistri Daria Di Sabatino	WOAH Regional Seminar - Vector-Borne Diseases in the European Region. 25 - 27 June 2025 Teramo, Italy.	Presentation on: "VBD management principles and practical concepts of vector control."
Paolo Calistri	WOAH Regional Seminar - Vector-Borne Diseases in the European Region. 25 - 27 June 2025 Teramo, Italy.	Presentation on: "EU EcoSurv project - Establishment of a surveillance system on selected (re)emergent and at-risk of introduction zoonoses based on an ecological approach"
Alessandro Ripani Annamaria Conte	WHO Regional Meeting on the Prevention of Re-establishment of Malaria Transmission. 14-16 July 2025	The use of Earth Observation (EO) data to enhance vector-borne disease surveillance and risk mapping.
Alessandro Ripani	Participation at the 31st JPC REMESA Meeting. La Valletta (Malta), 17-18 December 2025	Presentation on: "Preliminary analysis of Rift Valley Fever Outbreak Data in Mauritania by Using Climatic and Environmental Parameters".

TOR 7: SCIENTIFIC AND TECHNICAL TRAINING

7. Did your Collaborating Centre provide advice/services to requests from Members in your main focus area?

Yes

The WOAHC CC provide advice and/or services mainly in the establishment of the surveillance systems, including the design and development of supporting information systems, and risk assessment methodologies, giving technical advices to the competent authorities of WOAHC Members and through specific capacity-building initiatives. These activities are carried out in the framework of various projects upon different funding lines and of other initiatives, such as international workshops and conferences.

8. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by WOA, to personnel from WOA Members?

Yes

a) Technical visit : 19

b) Seminars : 175

c) Hands-on training courses: 25

d) Internships (>1 month) : 0

Type of technical training provided (a, b, c or d)	Content	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
A	Training stages on identification of Mediterranean mosquitoes, 10 – 14 November 2025 and 17 – 21 November 2025.	Algeria, Libya, Mauritania, Morocco and Tunisia.	10
A	Training stages on detection of arbovirus, 10 – 14 November 2025 and 17 – 21 November 2025.	Algeria, Libya Mauritania, Morocco and Tunisia.	9
B	Webinar on Satellite data "What, where & how to use them"	Algeria, Libya, Mauritania, Morocco and Tunisia.	44
B	Webinar on entomological collection, on 15th July 2025.	Algeria, Libya, Mauritania, Morocco and Tunisia.	38
B	Webinar on genomic surveillance for vector-borne diseases	Algeria, Libya, Mauritania, Morocco and Tunisia.	43
B	Webinar on the new PROVNA platform	Open access, participants mainly from Europe, Africa and the Middle East	50
C	Online training course on basic epidemiology in Animal Health, from 13 November to 3 December 2025.	Russian Federation, Armenia, Azerbaijan, Georgia	25

TOR 8: SCIENTIFIC MEETINGS

9. Did your Collaborating Centre organise or participate in the organisation of scientific meetings related to your main focus area on behalf of WOA?

Yes

National/International	Title of event	Co-organiser	Date	Location	No. Participants
Internationally	WOAH Regional Seminar: "Vector-Borne Diseases in the European Region"	WOAH regional representation for Europe	2025-06-25	Teramo	100

TOR 9: DATA AND INFORMATION DISSEMINATION

10. Publication and dissemination of any information within the remit of the mandate given by WOA that may be useful to Members of WOA

a) Articles published in peer-reviewed journals:

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- Candeloro L, Savini L, Conte A, Calistri P, Palma D, Peticara S, Troles Reis Borges Costa A C, Tora S, Serrani S, Toro M, Baumgarten K D & Massis F D. (2025). T-Racing: A modern tool for supporting epidemiological investigation in animal disease outbreaks in Italy. *PLOS ONE*, 20(2), e0317313.
- Faustini G, Soret M, Defosse A, Bosch J, Conte A, Tran A. (2025). Habitat suitability mapping and landscape connectivity analysis to predict African swine fever spread in wild boar populations: A focus on Northern Italy. *PLoS ONE* 20(1): e0317577.
- Drouin A, Balenghien T, Durand B, Aranda C, Bennouna A, Bouattour A, Boubidi S C, Conte A, Delacour S, Goffredo M, Himmi O, L'Ambert G, Schaffner F, Chevalier V. (2025). Modelling the population dynamics of Rift Valley fever virus mosquito vectors in the western Mediterranean Basin. *Ecological Modelling*, Volume 502, 111013, ISSN 0304-3800.
- Sengupta D, Girbal Brandão F, Sathyendranath S, Kulk G, Conte A, Ippoliti C, Candeloro L, Bucciarelli M, Moffat D, Wint W, Maranesi M, Scarano R, Vitorino J, Brandt G, Morbagal Harish T. (2025). Sensing Human Health from Space: An Assessment of Applications and Big Data Platforms. *Remote Sensing Applications: Society and Environment*, 101701, ISSN 2352-9385.
- Macario R, Menconi V, Mazzucato M, Tora S, Rombolà P, Sbiettega F, Toffan A, Marsella A, Ferrè N. (2025). GIS Training for Animal Health in Aquaculture: A Structured Methodology. *Water*, 17, 1655.
- Rocchi R, Castellani F, Salini R, Salucci S, Tieri EE, Scortichini G, Tora S, Coccaro A, Cocco A, Colombo M, Menozzi A, López MP, D'Alterio N, Amorena M, Merola C, Petri A. (2025). One Health approach and tiered strategy to assess anticoagulant rodenticides exposure in red foxes (*Vulpes vulpes*) from Central Italy. *Environ Pollut.*, 376:126403. doi: 10.1016/j.envpol.2025.126403.

7. Orusa T, Viani A, d'Alessio S, Orusa R and Caminade C. (2025). Editorial: One Health approaches and modeling in parasitology in the climate change framework and possible supporting tools adopting GIS and remote sensing. *Frontiers in Parasitology*, 10.3389/fpara.2025.1560799
8. Federica Gallochio F.1, Marzia Mancin M., Aurora Boscolo Anzoletti A., Roberto Angeletti R., Giancarlo Biancotto G., Giorgio Fedrizzi G., Mara Gasparini M., Barbara Angelone B., Silvana Bontacchio S., Sabrina Di Millo S.2, Francesca Cito F.3, Gianfranco Diletti G.3 and Giuseppe Arcangeli G. Monitoring of PCDD/Fs and PCBs in European Eels (*Anguilla anguilla*) from Lake Garda: A Persistent Environmental Concern. *Toxics* 2025, 13, 690. <https://doi.org/10.3390/toxics13080690>.
9. Di Marcantonio L, Chiatamone Ranieri S, Toro M, Marchegiano A, Cito F, Sulli N, Del Matto I, Di Lollo V, Alessiani A, Foschi G, Platone I, Paoletti M, D'Alterio N, Garofolo G and Janowicz A (2025). Comprehensive regional study of ESBL *Escherichia coli*: genomic insights into antimicrobial resistance and inter-source dissemination of ESBL genes. *Front. Microbiol.* 16:1595652. doi: 10.3389/fmicb.2025.1595652.
10. Cito, F.; Di Francesco, C.E.; Averaimo, D.; Chiaverini, A.; Alessiani, A.; Di Domenico, M.; Cresci, M.; Rulli, M.; Cantelmi, M.C.; Di Bernardo, M.D.; et al. Streptococcus equi subsp. zooepidemicus: Epidemiological and Genomic Findings of an Emerging Pathogen in Central Italy. *Animals* 2025, 15, 1351. <https://doi.org/10.3390/ani15101351>.
11. Alessiani, A.; Baffoni, M.; Averaimo, D.; Cantelmi, M.C.; Coccaro, A.; Rulli, M.; Piersanti, V.; Pompili, C.; Cito, F.; Chiaverini, A.; et al. Antimicrobial Resistance and Genetic Characterization of Streptococcus equi subsp. zooepidemicus in Equines from Central Italy: Insights from a One Health Perspective. *Animals* 2025, 15, 2713. <https://doi.org/10.3390/ani15182713>
12. Getuli L, Quaglia G, Toro M, D'Aurelio N, Giansante D, Di Piro V, Zenobio V, Di Sabatino D, De Massis F, Gentile L. Hematologic and Biochemical Analyses in Free-Ranging Marsican Brown Bears (*Ursus arctos marsicanus*) in the Central Apennines, Italy. *J Wildl Dis.* 2025 Oct 1;61(4):1096-1099. doi: 10.7589/JWD-D-24-00029. PMID: 40708496.
13. Orusa, T.; Viani, A.; Di Lorenzo, A.; Orusa, R. CerMapp: A Cloud-Based Geospatial Prototype for National Wildlife Disease Surveillance. *ISPRS Int. J. Geo-Inf.* 2025, 14, 453. <https://doi.org/10.3390/ijgi14110453>

b) International conferences:

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1. Candeloro L. - Earth Observation for risk-based Vector-Borne Disease surveillance under a changing climate - ESA Living Planet Symposium, 23—27 June 2025, Wien, Austria.
2. Savini L. - How climate change is reshaping the Habitat of *Culicoides imicola* (Insights from Earth Observation and Modelling) - ESA Living Planet Symposium, 23—27 June 2025, Wien, Austria.
3. Ippoliti C. - Integrating Hydrological Simulations and High-resolution Water Quality Parameters to Characterize the Influence of River Plumes on Aquaculture Sites in the Coastal Waters of Abruzzo Region, Italy - ESA Living Planet Symposium, 23—27 June 2025, Wien, Austria.
4. Conte A. - Strengthening Early Warning of West Nile Virus in Italy Through a One Health Approach - ECTMIH 14th European Congress on Tropical Medicine and International Health, 29 September – 2 October 2025, Hamburg, Germany.
5. Ippoliti C., Orusa T., d'Alessio S. G., De Angelis C., Maranesi M., Brandão F. G., Vitorino J., Goffredo M., Conte A. Mosquito breeding sites in central Italy: fine spatio-temporal scale mapping with PlanetScope SuperDoves. Oral presentation at the ESA EO4Health User Forum 2025, WOAHA headquarter in Paris, France.
6. Conte A., Earth Observation in vector-borne diseases. Oral presentation at the ESA EO4Health User Forum 2025, WOAHA headquarter in Paris, France.
7. Conte A., Collaboration between Members and QPT. Executive Meeting of the Regional One Health Coordination Mechanism (ROHCM) UN City, hosted by WHO EURO, Copenhagen, Denmark, 11 April 2025.
8. Conte A. - Earth Observation in vector-borne diseases. WOAHA Regional Seminar - Vector-Borne Diseases in the European Region. 25 - 27 June 2025, Teramo, Italy.
9. Conte A. - Webinar 6: Multisectoral Surveillance System in Pandemic prevention, preparedness, and response (PPR)- organized by FAO, WHO, and UNICEF, 13 November 2025.
10. Conte A. - Turkmenistan One Health Workshop - Capacity Building on Environment and Health in the One Health Approach in Turkmenistan, 17 November 2025.
11. Calistri P., Di Sabatino D. - VBD management principles and practical concepts of vector control. WOAHA Regional Seminar - Vector-Borne Diseases in the European Region. 25 - 27 June 2025, Teramo, Italy.
12. Calistri P. - EcoSurv Project. WOAHA Regional Seminar - Vector-Borne Diseases in the European Region. 25 - 27 June 2025, Teramo, Italy.

c) National conferences:

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1. Conte A. - The use of Satellite data in aquatic animal health domain – Seminario Application of GIS technologies to support biosecurity and epidemiological analysis in aquatic animal health domain, 06 Febbraio 2025, Padova, Italia.
2. Di Lorenzo A., Torà S. – Project activities report - Aquae Strength Final Workshop, 21-22 October 2025, Alghero, Italy.
3. Orusa T, Conte A, d'Alessio S. G., De Angelis C., Maranesi M., Brandão F. G., Vitorino J, Goffredo M., Ippoliti C. A cumulative spectral approach for mapping suitable mosquito breeding sites using PlanetScope SuperDOVES: a preliminary application in the Fucino area, Abruzzo, Italy, XII AIT International Conference "Smart Earth Observation for a Sustainable Future" Milan 12 – 14 November, 2025.
4. Cito F. - Elaborazione di Sistemi Informativi per la gestione dei dati e l'analisi epidemiologica dei rischi associati agli alimenti- XXXIV Convegno Nazionale AIVI. Il veterinario igienista tra sicurezza alimentare e mercato globale, 10-12 Settembre, Parma.
5. Conte A. - "One Health: strumenti e strategie per la salute integrata. Evento Finale AIRCLIMACT: "Rischi di salute legati all'inquinamento e al cambiamento climatico: strategie di prevenzione e mitigazione per una popolazione che invecchia" 28 e 29 novembre, Università LUM, Casamassima (Bari).
6. Ippoliti C. - "Uso di fonti dati innovative per applicazioni in ambito One Health" Evento Finale AIRCLIMACT: "Rischi di salute legati all'inquinamento e al cambiamento climatico: strategie di prevenzione e mitigazione per una popolazione che invecchia" 28 e 29 novembre, Università LUM, Casamassima (Bari).
7. Capone M.R., Calistri P.- La situazione epidemiologica della Brucellosi bovina, bufalina ed ovi-caprina sul territorio nazionale. Giornata di studio sulla Brucellosi 2025, 25 September, 2025, Roma
8. Calistri P. – "Le attività dell'Istituto Zooprofilattico Sperimentale a supporto del piano regionale integrato per la sorveglianza la prevenzione e il contrasto all'antimicrobico resistenza (AMR) in ottica One Health e alle infezioni correlate all'assistenza (ICA)"; La stewardship antimicrobica in opera: update su infection prevention & control. 7/11/2025, Francavilla al Mare (CH).
9. Calistri P. – "La Piattaforma AMR Regione Abruzzo"; 52° Congresso Nazionale AMCLI. 28/03/2025, Rimini.
10. Cresci M. - GEOZONE Workshop – Final Meeting. Seminario "Advancing Geospatial Data In Veterinary Medicine Zoning For Disease Response And International Trade". Padova, 22/05/2025 - 24/05/2025.
11. Di Sabatino D. - Seminario "Peste suina africana: aggiornamenti epidemiologici e strumenti di contrasto alla malattia" Perugia, 21 Ottobre 2025.

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

11. What have you done in the past year to advance your area of focus, e.g. updated technology?

More effort and studies have been invested in finalization of practical applications that provide high-value information derived from satellite data, coupled with other epidemiological data, to support surveillance activities at local, national, and international levels, following a risk-based approach.

12. Additional comments regarding your report: