

EOHA Annual Scientific Meeting 2026

Scientific Programme

Madrid, Spain | May 18–20, 2026

Venue: CSIC Headquarters, main building (C/Serrano, 117, Madrid)

Day 1 - 18 May 2026

OPENING CEREMONY

14.00h - 14.30h

Arjen van de Giessen (President EOHA)
Carlos Gonçalo das Neves (EFSA chief scientist and EFSA management team)
Ernesto Igartua Arregui (Deputy coordinator of the LIFE area, Agricultural Sciences of CSIC.)
Ana de la Torre (Congress chair CISA/INIA/CSIC)
Jovita Fernández-Pinero (Congress chair CISA/INIA/CSIC)

SESSION 1 – MAIN HALL

Joining Environmental Sciences and Ecology with Human/Animal Health

14.30h - 15.00h

KEYNOTE LECTURE 1 - One Health goes Environmental

Ana Maria de Roda Husman, Centre for Infectious Disease Control (CIb), National Institute for Public Health and the Environment (RIVM), The Netherlands

Chair: Hein Imberechts, Vice-president of EOHA, Sciensano, Belgium

15.00h - 16.00h

PANEL DISCUSSION / ROUND TABLE 1.

Environmental Health as the Missing Pillar of One Health

CHAIR: Hein Imberechts, Vice-president of EOHA, Sciensano, Belgium

PANELLISTS: Ana Maria de Roda Husman (RIVM, Netherlands), Ricardo Carapeto (AEMPS, Spain), Carlos das Neves (EFSA), Jordi Figuerola (EBD-CSIC, Spain), Pablo Sagredo (United Nations Environment Programme -UNEP)

16.00h - 16.30h

COFFEE BREAK

16.30h - 18.30h

SESSION 1

Selected oral presentations

Chairs: Mamuka Kotetishvili (OHI, Georgia) and Miguel A. Jiménez-Clavero (CISA-INIA-CSIC, Spain)

16:30 -- "Towards synergy: better integration of the Environmental domain in One Health" - **De Cock, M. et al.**

16:45 -- "Scrub Typhus Outbreak in Sagalee Block, Arunachal Pradesh, India, September 2023: An Emerging Zoonosis" - **Monya, M. et al.**

17:00 -- "Host community traits driving Crimean-Congo hemorrhagic fever virus maintenance in Iberian ecosystems" - **Xavier, P. et al.**

ePoster Exhibition – Permanent display in the main hall

Day 1 - 18 May 2026

17:15 --	"Arbovirus monitoring in field collected mosquitoes in Emilia-Romagna (Italy, 2025)" - Calzolari, M. et al.
17:30 --	"Higher rates of Shiga toxin-producing E. coli (STEC) detection in groundwater wells associated with increasingly "vulnerable" hydrogeological settings" - Burke, L. et al.
17:45 --	"Antimicrobial resistance of public health relevance in wild ungulates of Andalusia, southern Spain" - Sacristan, C. et al.
18:00 --	"Impacts of Climate Change and Population Growth on Campylobacteriosis and Salmonellosis in England and Wales" - Lo Iacono, G. et al.
18.30h - 20.00h	WELCOME SPANISH WINE (CLAUSTRO- MAIN ENTRANCE) Centro de Física "Miguel Antonio Catalán" C/Serrano, 123

Day 2 - 19 May 2026

SESSION 2 Research Topics at the Frontiers of One Health	
09.00h - 09.30h	<p>KEYNOTE LECTURE 2 - The Coevolution of Antimicrobial Resistance and One Health</p> <p>Bruno González Zorn, Professor and Head of the Antimicrobial Resistance Unit (ARU) at the Complutense University in Madrid, Spain.</p> <p><i>Chairs: Shaun Cawthraw (APHA, UK) and Beatriz Romero (VISAVET-UCM, Spain)</i></p>
09.30h – 10.45h	<p>SESSION 2 Selected oral presentations-Main Hall- AMR <i>Chairs: Shaun Cawthraw (APHA, UK) and Beatriz Romero (VISAVET-UCM, Spain)</i></p> <p>09:30 --"Shared genes, different pressures: environmental AMR landscapes in Spain and Switzerland" - Gionchetta, G. et al.</p> <p>09:45 -- "Divergent antimicrobial resistance trajectories across US food production and human clinical settings revealed by time-series and cross-correlation analysis" - Carreño Gútiérrez, M. et al.</p> <p>10:00 -- "Nationwide Prevalence, Virulence, and AMR of Shiga toxin-producing Escherichia coli in Slaughtered camels, sheep, and goats in Saudi Arabia" - Aljasir, S. et al.</p> <p>10:15 -- "Metagenomic deep learning to support dissemination risk assessment of antimicrobial resistance genes" - Hu, K. et al.</p> <p>10:30 -- "Modeling the evolutionary trajectories of antimicrobial resistance genes and donor-recipient interactive networks underlying their transmission" - Kotetishvili, M. et al.</p> <hr style="width: 50%; margin-left: 0;"/> <p>Selected oral presentations- Parallel Hall (IQF Blas Cabrera, C/Serrano, 119)- Viral Pathogens</p>

ePoster Exhibition – Permanent display in the main hall

Day 2 - 19 May 2026

Chairs: Ludovico Sepe (BfR, Germany) and Pilar Aguilera-Sepúlveda (CISA-INIA-CSIC, Spain)

- 09:35** -- “Early Spring Heat, Higher Summer Risk: Temperature-Curve Signals to Guide West Nile Virus Preparedness” - **Barbić, L. et al.**
- 09:50** -- “Strong1H: filling the gaps in surveillance of zoonotic influenza viruses and West Nile Virus in the Netherlands” - **Lempens, P. et al.**
- 10:05** -- “Comparative pathogenicity and host competence of Spanish West Nile virus strains in animal models” - **Llorente, F. et al.**
- 10:20** -- “Hepatitis E in Serbia – The Human–Animal Interface Within a One Health Framework” - **Lupulović, D. et al.**

10.45h – 11.15h

COFFEE BREAK

SESSION 2

Selected oral presentations – Main Hall-Miscellaneous

Chairs: Angela Pista (INSA, Portugal) and Puerto Morales (ICMM-CSIC, Spain)

- 11:15** -- “Salmonella transmission dynamics in a pig slaughterhouse” - **Bloem, H. et al.**
- 11:30** -- “Changes in soil microbiota after the application of five organic wastes” - **Alija Novo, N. et al.**
- 11:45** -- “Exploring airborne resistomes in two Japanese cities through PacBio long-read metagenomic sequencing” - **Ekhlas, D. et al.**
- 12:00** -- “Evaluation of routine One Health WGS-based surveillance of Salmonella Enteritidis and Typhimurium in the Netherlands” - **Kerkvliet, J. et al.**
- 12:15** -- “Bio-resonance and frequency-dependent resilience in the mouse gut microbiome” - **Gardner, B. et al.**
- 12:30** -- “Fish as bioindicators for monitoring aquatic ecosystem health status in a One Health perspective” - **Ossola, M. et al.**
- 12:45** -- “Integrating Aquamation and Composting for Sustainable One Health Management of Animal Waste in Arid Contexts” - **Barsi, F. et al.**

11.15h - 13.00h

Selected oral presentations – Parallel Hall (IQF Blas Cabrera, C/Serrano, 119)-AMR

Chairs: Virginia Filipello (IZSLER, Italy) and Giulia Gionchetta (IDAEA-CSIC, Spain)

- 11:20** -- “Monitoring antimicrobial resistance in aquatic environments using wild coypu (*Myocastor coypus*) as sentinels: An Enterococcus-based approach” - **Massella, E. et al.**
- 11:35** -- “Metagenomic Evidence for Localised Clinically Relevant ARG Hotspots Along a Coastal Wastewater-to-Beach Gradient” - **Sanchez-Carrillo, S. et al.**
- 11:50** -- “Shotgun metagenomics of four Irish Integrated Constructed Wetlands reveals microbial dynamics in wastewater treatment” - **Tumeo, A. et al.**
- 12:05** -- “A One Health Approach into Aliarcobacter AMR Dynamics: A Comparative Analysis of MAGs and Isolates Across the Urban Wastewater System” - **Fornés Pérez, A. et al.**
- 12:20** -- “Association between veterinary antimicrobial sales data and antimicrobial resistance in commensal and 3GCR *Escherichia coli* in Spanish livestock” - **Serna, C. et al.**
- 12:35** -- “Free-living amoebae as vectors of antimicrobial resistance in the agricultural environment: FLA microbiome and resistome in regenerated sludge” - **Machí Camacho, C. et al.**

ePoster Exhibition – Permanent display in the main hall

Day 2 - 19 May 2026

13.00h – 14.30h

LUNCH/NETWORKING

14:00h – 14.30h

e-POSTERS FLASH PRESENTATIONS COMPETITION

SESSION 3

Innovative Solutions for One Health Challenges and their implementation

14.30h - 15.00h

KEYNOTE LECTURE 3 - Avian influenza as a stress test for One Health: how multidisciplinary research turns evidence into action

Isabella Monne, Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe) – WOAH/FAO Reference Centres for Avian Influenza and Newcastle Disease, Italy.

Chairs: Roberto La Ragione (U. Surrey, UK) and Aitor Nogales (CISA-INIA-CSIC, Spain)

15.00h - 16.30h

SESSION 3

Selected oral presentations – Main Hall

Chairs: Roberto La Ragione (U. Surrey, UK) and Aitor Nogales (CISA-INIA-CSIC, Spain)

15:00 --“A rapid tool to assess the risk of emerging zoonotic signals at the human-animal interface” - **Vlaanderen, F. et al.**

15:15 -- “DatOHs: A modular data ecosystem for interoperable One Health surveillance and risk assessment” - **Hernández Jiménez, F. et al.**

15:30 -- “Association between veterinary antimicrobial sales data and antimicrobial resistance in commensal and 3GCR Escherichia coli in Spanish livestock” - **Sánchez Morales, L. et al.**

15:45 -- “Global Pathogen Analysis Platform” - **Wegener, H. C. et al.**

16:00 --“Pandemic Preparedness by Pathogen Detection (P3Dx): high-throughput central testing workflow using self-sampling and isothermal detection” - **Bordes, L. et al.**

16:15 --“Bacteriophage-Powered One Health Solutions for Safer Agri-Food Systems” - **Lasagabaster, A. et al.**

Selected oral presentations – Parallel Hall (IQF Blas Cabrera, C/Serrano, 119)

Chairs: Liam Burke (U. Galway, Ireland) and Nerea García (VISAVET-UCM, Spain)

15:05 -- “Antimicrobial Resistance by metaGenomics Overview in a Sewage system (ARGOS)” - **Lopez-Maroto, V. et al.**

15:20 -- “Organo-Functionalized Polyoxometalate Materials as Multifunctional Platforms for Antimicrobial Control and Environmental Remediation in a One Health Framework” - **Mitchell, S. et al.**

15:35 -- “Sensitivity analysis of factors influencing the ecology of mosquitoes involved in the transmission of Rift Valley fever virus” - **Furber, J. et al.**

15:50 --“SMART-E: A Spatial Digital Framework for Standardized Environmental AMR Surveillance” - **Ibanez-Porras, P. et al.**

16:05 --“Silencing Pathogens: Anti-Quorum Sensing Antibodies to Control Pseudomonas aeruginosa Pathogenicity” - **Posvai, T. et al.**

16.30h – 17.00h

COFFEE BREAK

ePoster Exhibition – Permanent display in the main hall

Day 2 - 19 May 2026

17.00h - 18.00h	<p>PANEL DISCUSSION / ROUND TABLE 2. Scaling Up One Health Solutions: From Research to Real-World Impact</p> <p>CHAIR: Pablo Hervás, Vice-president of the Foundation Vet+i - Spanish Technology Platform for Animal Health</p> <p>PANELLISTS: Diana Teixeira (Federation of Veterinarians of Europe), Isabel Masip (VIT-CSIC), José Miguel Rubio Muñoz (Director of the National Centre for Microbiology, ISCIII, Spain), Isabella Monne (IZSve – WOAHA/FAO Reference Centres for Avian Influenza and Newcastle Disease), Bruno González Zorn (Head of the Antimicrobial Resistance Unit, UCM).</p>
20.00h	<p>CONGRESS NETWORKING DINNER (Optional) Picalagartos, Gran Vía 21 (28013)</p>

Day 3 - 20 May 2026

<p>SESSION 4 – MAIN HALL Science for Policy and Society</p>	
09.00h - 09.30h	<p>KEYNOTE LECTURE 4 Carlos Gonçalo das Neves, chief scientist of European Food Safety Agency (EFSA) <i>Chairs: Nina Dam Otten (U. Copenhagen, Denmark) and Silvia Herrera (ISCIII, Spain)</i></p>
09.30h-10.30h	<p>SESSION 4 Selected oral presentations <i>Chairs: Nina Dam Otten (U. Copenhagen, Denmark) and Silvia Herrera (ISCIII, Spain)</i></p> <p>09:30 -- “EU-JAMRAI 2: Fostering the integration of environmental approaches to strengthen a One Health response to antimicrobial resistance in Europe” - Laburu-Dañobeitia, A. et al.</p> <p>09:45 -- “Alternatives to Antimicrobials in Sub-Saharan Africa: A Regional Review of Evidence, Innovation Pathways, and Policy Trajectories” - Eltholth, M. et al.</p> <p>10:00 -- “Towards cross-border Vector Surveillance from the Mediterranean to the Alps: A Technical Approach to Harmonization” - Kovacs, B. et al.</p> <p>10:15 -- “OneHealthSecure project: multisectoral cooperation for sustainable vector-borne disease prevention and response in the Mediterranean, Black Sea and Sahel regions” - Jiménez-Clavero, M. A. et al.</p>
10.30h – 11.00h	COFFEE BREAK

Day 3 - 20 May 2026

11.00h – 11.30h	<p>KEYNOTE LECTURE: Advancing One Health in Europe: an EU agency perspective on evidence, approach and practice. Ole Heuer, Head of Unit for One Health Related Diseases at the European Centre for Disease Prevention and Control (ECDC)</p> <p><i>Chairs: Pikka Jokelainen (ISS, Denmark) and Marta Martínez (CISA-INIA-CSIC, Spain)</i></p>
11.30h – 11.45h	<p>Presentation of PEITHO – Platform for European Interdisciplinary, Transdisciplinary, Holistic One Health Ludovico Sepe, European One Health Association (EOHA) – German Federal Institute for Risk Assessment (BfR)</p> <p><i>Chairs: Pikka Jokelainen (ISS, Denmark) and Marta Martínez (CISA-INIA-CSIC, Spain)</i></p>
11.45h - 12.45h	<p>PANEL DISCUSSION / ROUND TABLE 3. Turning Evidence into Action: How to Make Science Matter in Policy</p> <p>CHAIR: Pikka Jokelainen, Head of Function for One Health and International Collaborations at Statens Serum Institut (SSI). Denmark).</p> <p>PANELLISTS: Enrique Navarro (International relations of the Science in Parliament platform, Spain), Maite Martín Ibañez (President of the One Health Platform, Spain and Professor at the Veterinary Faculty of the Universitat Autònoma de Barcelona), Marie-Cécile Ploy (Coordinator of EU-JAMRAI project, Limoges university, France), Ole Heuer (Head of Unit for One Health Related Diseases at the European Centre for Disease Prevention and Control -ECDC), Elsa Dibongue (General secretary of PREZODE), Ariane Vander Stappen (Head of Unit-One Health, Antimicrobial Resistance, DG SANTE, European Commission)</p>
CLOSING SESSION – MAIN HALL	
12.45h - 13.15h	<p>BEST POSTER AND COMMUNICATIONS AWARDS / CLOSING CEREMONY Arjen van de Giessen (President EOHA) Ariane Vander Stappen (Head of Unit-One Health, Antimicrobial Resistance, DG SANTE, European Commission) A representative of CSIC (TBC)</p>
13.15h	LUNCH (Take away)