

10th International Conference on
**Emerging Zoonoses and
Transboundary Diseases**
Bari, Italy



TUESDAY, JUNE 23, 2026

15:00 Registration Opens - *Registration Desk next to the Main Hall (Aula Magna)*

18:00-20:30 **Welcome Reception** - Le Muse e il Mare Café, Via Domenico Nicolai 31

WEDNESDAY, JUNE 24, 2026

07:30 Registration Opens - *Registration Desk next to the Main Hall (Aula Magna)*

08:30 – 8:45 **Opening Remarks: Alessio Lorusso and Juergen A. Richt**

8:45 – 10:15 **Session 1: One Health Approach to Zoonotic Infectious Diseases**

Chair: Alessio Lorusso, Italy

Keynote Lecture

08:45 **STORIES OF PEOPLE, ANIMALS AND PARASITES IN THE MEDITERRANEAN BASIN**
Domenico Otranto, Italy

Keynote Lecture

09:15 **ANIMAL MODELING OF HANTAVIRUS PULMONARY SYNDROME**
Jeremie Prevost, Canada

Oral Presentations

09:45 **DISRUPTION OF INFLUENZA A VIRUS TRANSMISSION IN GENE-EDITED PIGS**
Young Lyoo, USA

10:00 **A ONE HEALTH APPROACH TO VACCINE HESITANCY: ASSOCIATIONS BETWEEN PEDIATRIC AND VETERINARY VACCINATION BEHAVIORS**
Chiara Noviello, Italy

Coffee break

10:15 – 10:45

10:45 – 12:15 **Session 2: Ecology and Surveillance of Emerging Infectious Diseases**

Chair: Alessio Lorusso, Italy

Keynote Lecture

10:45 **VIRUS DIVERSITY, EMERGENCE AND PREVENTING FUTURE PANDEMICS**
Eddie Holmes, Australia

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WEDNESDAY, JUNE 24, 2026 (cont.)

Selected Oral Presentations

- 11:15 A ONE HEALTH INTEGRATION OF WILD CARNIVORES INTO AVIAN INFLUENZA SURVEILLANCE: A PILOT STUDY IN NORTHEASTERN ITALY USING AN INNOVATIVE SEROLOGICAL APPROACH
Sami Ramzi, Italy
- 11:30 WEST NILE FLAVIVIRUS INFECTION IN HORSES AND IN OTHER PERMISSIVE SPECIES: 1998 - PRESENT
Fabio Del Piero, USA
- 11:45 A NOVEL BIOBANKING PLATFORM FOR RAPID PHENOTYPING OF AVIAN INFLUENZA VIRUS IN DIVERSE AVIAN TISSUES
Alessandra Napolitan, Italy
- 12:00 SEROPREVALENCE OF EMERGING ZONOTIC VIRUSES IN LIVESTOCK WORKERS: A ONE HEALTH PERSPECTIVE
Riccardo Ravallesse, Italy

Poster Viewing

12:15 – 12:30

Light Lunch

12:30 – 13:30

13:30 - 15:00 Session 3: Role of Wildlife in Emerging Infectious Diseases

Chair: Juergen A. Richt, USA

Keynote Lecture

- 13:30 LESSONS FROM BATS ON EMERGING ZONOTIC VIRUSES AND BIOMEDICINE IN GENERAL
Linfa Wang, Singapore

Oral Presentations

- 14:15 FIRST EVIDENCE OF CRIMEAN-CONGO HEMORRHAGIC FEVER VIRUS CIRCULATION AMONG DOMESTIC ANIMALS, WILDLIFE, AND TICKS IN ISRAEL
Nir Rudoler, Israel
- 14:30 IMPACT AND PROGRESSION OF EPIZOOTIC HAEMORRHAGIC DISEASE IN WILD RUMINANTS IN SPAIN
Leonor Muñoz Fernández, Spain
- 14:45 METAGENOMIC SURVEILLANCE OF WILDLIFE RESERVOIRS TO MONITOR EMERGING AND POTENTIALLY ZONOTIC VIRUSES
Maurilia Marcacci, Italy

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WEDNESDAY, JUNE 24, 2026 (cont.)

Coffee break
15:00 -15:30

15:30 – 17:00 **Session 4: Vector-Borne Zoonotic Diseases**

Chair: Juergen A. Richt, USA

Keynote Lecture

15:30 RIFT VALLEY FEVER VIRUS: AN ENTOMOLOGIST'S PERSPECTIVE
Rebekah Kading, USA

Oral Presentations

16:00 AN ISOGENIC USUTU VIRUS PANEL FOR DISSECTING LINEAGE-DEPENDENT PHENOTYPES AND
STRUCTURAL DETERMINANTS OF REPLICATION EFFICIENCY
Marialuigia Caporale, Italy

16:15 EHDV-8 RECOMBINANT VP2 PROTEIN PROMOTES ACTIVE IMMUNIZATION, PREVENTING VIRAEMIA AND
CLINICAL DISEASE IN EXPERIMENTALLY INFECTED CALVES
Francesca Profeta, Italy

16:30 INVESTIGATIONS ON RIFT VALLEY FEVER PHLEBOVIRUS GENETIC REASSORTMENT
Natasha Gaudreault, USA

16:45 PATTERNS AND CONSTRAINTS OF GENOME SEGMENT REASSORTMENT IN BLUETONGUE VIRUS
Gloria Plebani, Italy

17:00 – 18:00 **Poster Presentations**

18:00 *Evening at Leisure*

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THURSDAY, JUNE 25, 2026

08:00 – 08:30 Registration Opens - *Registration Desk next to the Main Hall (Aula Magna)*

08:30 – 10:00 **Session 5: Emerging and Transboundary Infectious Diseases**

Chair: Young Lyoo, USA

Keynote Lecture

08:30 EMERGENCE OF THE GENOTYPE I AND II RECOMBINANT ASFV AND ITS THREAT
Dongming Zhao, China

Selected Oral Presentations

09:00 GENOMIC EVIDENCE OF CLUSTER-SPECIFIC EVOLUTION OF AFRICAN SWINE FEVER VIRUS GENOTYPE II IN ITALY
Monica Giammarioli, Italy

09:15 GENOMIC EPIDEMIOLOGY OF AFRICAN SWINE FEVER VIRUS GENOTYPE II IN ITALY WITHIN THE EURASIAN CONTEXT
Valeria Di Lollo, Italy

09:30 HAPTEN-MEDIATED AND DNA-BARCODED SIGNAL AMPLIFICATION FOR ENHANCED IMMUNOHISTOCHEMICAL DETECTION OF CWD PRION PROTEIN
Mariano Carossino, USA

09:45 OCCURENCE OF ZOONOTIC BARTONELLA SPP. IN OWNED AND FREE-ROAMING CATS IN APULIA (SOUTHERN ITALY)
Zahra Sohani, Italy

Coffee Break

10:00 – 10:30

10:30 – 12:00 **Session 6: Preparedness and Responses to Emerging Infectious Diseases Outbreaks**

Chair: Maria Tempesta, Italy

Keynote Lecture

10:30 BUYING TIME IN THE PRE-VACCINE WINDOW - A NEGLECTED TYPE OF PANDEMIC PREPAREDNESS
Francesco Bonfante, Italy

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THURSDAY, JUNE 25, 2026 (cont.)

Oral Presentations

- 11:00 PRIOR SARS-COV-2 INFECTION RESTRICTS BUT DOES NOT PREVENT HOMOLOGOUS NASAL REINFECTION AND TRANSMISSION IN SYRIAN HAMSTERS
Sandra Barroso Arévalo, France
- 11:15 ADVANCING ALPHAMESONIVIRUS-1 INVESTIGATION IN ITALY THROUGH MOLECULAR AND SEROLOGICAL APPROACHES
Alessandra Spina, Italy
- 11:30 FROM ESCAPE ROOMS TO SCHOOL GAMES: INTERACTIVE ONE HEALTH EDUCATION FOR ZONOTIC AND TRANSBOUNDARY DISEASE PREPAREDNESS
Rita Papoula-Pereira, UK

Tech Talk

- 11:45 VACCINE SOLUTION FOR HIGHLY PATHOGENIC AVIAN INFLUENZA IN POULTRY
Martijn Langereis, Netherlands

Light Lunch

12:00 – 13:15

13:15 – 15:00 Session 7: Preventive Approaches to Emerging Infectious Diseases

Chair: Isabella Monne, Italy

Keynote Lecture

- 13:15 A SYSTEMS IMMUNOLOGY FRAMEWORK: PREDICTING HUMAN T-CELL RESPONSE TRAJECTORIES AND DEFINING THE CELLULAR BLUEPRINT FOR DURABLE ANTIVIRAL MEMORY
Adriana Tomic, USA

Keynote Lecture

- 14:00 THE ROLE OF VACCINATION IN THE CONTROL OF AMR
Silvio Tafuri, Italy

Oral Presentations

- 14:30 ATTENUATION OF THE RIFT VALLEY FEVER VIRUS BY CODON DEOPTIMISATION: TOWARDS A RECOMBINANT PLATFORM FOR DEVELOPING NEXT-GENERATION VACCINES
Belen Borrego, Spain
- 14:45 THE USE OF LIVE-ATTENUATED RIFT VALLEY FEVER VIRUS AS A VACCINE PLATFORM FOR RUMINANT AND ZONOTIC DISEASES
Alejandro Brun, Spain

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THURSDAY, JUNE 25, 2026 (cont.)

Poster Viewing

15:00– 15:30

Coffee Break

15:30 – 16:00

16:00 – 17:00 Session 8: Emerging Threats with Pandemic Potential

Chair: Francesco Bonfante, Italy

Keynote Lecture

16:00 EBOLA VIRUS: ECOLOGY, EMERGENCE AND PREPAREDNESS

Annalisa Saracino, Italy

Oral Presentations

16:30 LIVE ATTENUATED VACCINES FOR PANDEMIC PREPAREDNESS – A TRADITIONAL CONCEPT MEETS RATIONAL DESIGN

Jakob Trimpert, USA

16:45 THE EMERGENCE AND RISK OF NOVEL REASSORTANT 2.3.2.1 A(H5N1) INFLUENZA VIRUSES

Lorin Adams, UK

17:00 – 18:00

Poster Presentations

20:00 *Conference Dinner (optional)*

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FRIDAY, JUNE 26, 2026

08:30 Registration Opens - *Registration Desk next to the Main Hall (Aula Magna)*

09:00 – 10:15 **Session 9: Molecular Approaches to Pathogens, Vaccines and Diagnostics**

Chair: Rebekah Kading, USA

Keynote Lecture

09:00 AVIAN INFLUENZA AS A WICKED ONE HEALTH PROBLEM: MOLECULAR APPROACHES TO MAKE COMPLEXITY ACTIONABLE
Isabella Monne, Italy

Oral Presentations

09:30 EXPLORING ALTERNATIVE CYTOKINES AS POTENTIAL BIOMARKERS FOR MYCOBACTERIUM BOVIS INFECTION IN CATTLE
Giulia Franzoni, Italy

09:45 EMERGENCE OF BLUETONGUE VIRUS SEROTYPE 5 IN EUROPE FOLLOWING LIKELY TRANS-MEDITERRANEAN INTRODUCTION: GENOMIC CHARACTERIZATION AND DEVELOPMENT OF A SPECIFIC REAL-TIME RT-PCR ASSAY
Paolo Celani, Italy

10:00 VALIDATING AEROSOL SURVEILLANCE METHODOLOGIES FOR BETACORONAVIRUSES: AIRBORNE DETECTION OF BOVINE CORONAVIRUS IN AGRICULTURAL ENVIRONMENTS
Joseph Neary, UK

Coffee Break

10:15 – 10:45

10:45 – 11:45 **Session 10: Food Borne Infectious Diseases**

Chair: Juergen A. Richt, USA

Keynote Lecture

10:45 HOW DO mRNA VACCINES WORK AND HOW TO IMPROVE THEM?
Christopher A. Hunter, USA

Oral Presentations

11:15 EPIDEMIOLOGY OF TOXOPLASMOSIS IN ENGLAND 2012-2025: INSIGHTS FROM SURVEILLANCE DATA
Maria Suau Sans, UK

11:30 CLOSING REMARKS

11:45 Departure of participants