

**10<sup>th</sup>** 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)*

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

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**WEDNESDAY, JUNE 24, 2026**

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

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**08:30 – 8:45** **Opening Remarks: Alessio Lorusso, Juergen A. Richt, and Alessandra Castegna (Rector's Delegate, University of Bari Aldo Moro)**

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

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**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

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

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**Chair: Alessio Lorusso, Italy**

**Online 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

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

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**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

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**15:30 – 17:00**

**Session 4: Vector-Borne Zoonotic Diseases**

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**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**

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**17:00 – 18:00**

**Poster Presentations**

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18:00 *Evening at Leisure*

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**THURSDAY, JUNE 25, 2026**

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

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

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**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 ZONOTIC BARTONELLA SPP. IN OWNED AND FREE-ROAMING CATS IN APULIA (SOUTHERN ITALY)  
**Zahra Sohani, Italy**

**Coffee Break**

10:00 – 10:30

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

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**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

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

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**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.)**

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**Poster Viewing**

15:00– 15:30

**Coffee Break**

15:30 – 16:00

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**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**

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**17:00 – 18:00**

**Poster Presentations**

20:00    *Conference Dinner (optional)*

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**FRIDAY, JUNE 26, 2026**

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

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

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**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

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

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**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