

**PNRR PE13 INF-ACT “One Health Basic and Translational Research Actions  
addressing Unmet Needs on Emerging Infectious Diseases”  
Research Node 4  
(Finanziato dall’Unione Europea – Next Generation EU)**

**Agenda Workshop online WP6: Gaps and limits in the current statistical methodology used in analysing data on emerging/re-emerging viruses and AMR through One Health integrated data**

**Target:**

All INF-ACT participants, epidemiologists, microbiologists, veterinarians, public health experts, data analysts, infectious disease modellers

**Objectives of the workshop:**

Address gaps and challenges in analysing data on emerging/re-emerging viruses and AMR using a OH approach for: Early Warning, Risk Assessment and impact of epidemics and of control measures

Thursday 7 March 2024 (online):

[workshop online INFAC-EPIMOD WP6; 7/3/2024, 9:30-17:00](#)

**Program**

9:30 – 10:00	Saluti e intro al workshop	Palamara/Merler/Pezzotti/Fabiani
10:00 – 11:30	<b>Session 1: Gaps and challenges for early warning (Moderators Anna Teresa Palamara (ISS), Fortunato “Paolo” D’Ancona (ISS))</b>	
Singoli talk 10min+2’ domande	Gaps challenges and opportunities of One Health data for early warning	Paolo Mulatti (IZSVe)
Singoli talk 10min+2’ domande	Challenges and opportunities of acting upon genomic early warning signals of epidemics	Paola Stefanelli (ISS)
Singoli talk 10min+2’ domande	Early warning from wastewater surveillance: challenges and opportunities for a multipathogen approach	Giuseppina La Rosa (ISS)
Singoli talk 10min+2’ domande	Which data from Epidemic Intelligence and how to use it for early warning	Flavia Riccardo (ISS)
Open discussion 30min	<b>Taking home points</b>	<b>Moderators Anna Teresa Palamara (ISS) Fortunato “Paolo” D’Ancona (ISS)</b>
11:30 – 12:00	<b>Coffee Break</b>	
12:00 – 13:30	<b>Session 2: Gaps and Challenges for Risk Assessment Moderators Giorgio Guzzetta (FBK) Flavia Riccardo (ISS)</b>	
Singoli talk 10min+2’ domande	Estimating transmissibility using phylogenetic data	Mattia Manica (FBK)
Singoli talk 10min+2’ domande	Earth and field observation data for assessing risk of epidemic vector borne diseases	Piero Poletti (FBK)

Singoli talk 10min+2' domande	Estimating spillover risk from biodiversity data: opportunities and challenges	Moreno Di Marco (Università La Sapienza)
Singoli talk 10min+2' domande	Contact tracing: why do we do it? When do we do it? How can we improve the quality of contact tracing data to better understand epidemics?	Paolo Giorgi Rossi (AUSL Reggio Emilia)
Open discussion 30min	<b>Taking home points</b>	<b>Moderators</b> <b>Giorgio Guzzetta (FBK)</b> <b>Flavia Riccardo (ISS)</b>
13:30 – 14:30	<b>Lunch Break</b>	
14:30 – 16:00	<b>Session 3: Gaps and challenges in assessing the impact of epidemics and of their control measures (Moderators Patrizio Pezzotti (ISS), Stefano Merler (FBK))</b>	
Singoli talk 10min+2' domande	Challenges in monitoring the impact of public health social measures	Giorgio Guzzetta (FBK)
Singoli talk 10min+2' domande	Gaps and limits: monitoring infection, prevention, and control with a focus to antimicrobial resistance	Paolo D'Ancona (ISS)
Singoli talk 10min+2' domande	Gaps and limits: monitoring vaccine real world effectiveness	Chiara Sacco (ISS)
Singoli talk 10min+2' domande	Monitoring death during a pandemic: challenges and opportunities	Stefano Marchetti (ISTAT)
Open discussion 30min	<b>Taking home points</b>	<b>Moderators</b> <b>Patrizio Pezzotti (ISS)</b> <b>Stefano Merler (FBK)</b>
16:00 – 16:15	<b>Conclusions</b>	Patrizio Pezzotti
16:15 – 16:30	<b>Workshop evaluation</b>	Interactive session