

One Health EJP Annual Scientific Meeting 2022 SCIENTIFIC PROGRAMME

Orvieto, Italy and online 11th - 13th April



Image: Gianni Careddu

MONDAY April 11th

CEST

09.00-09.45 **Opening**

09.45-10.45 **Complexity of syndemic: A larger vision to protect public health (provisional)**
Prof Tiago Correia, NOVA University of Lisbon, Portugal

10.45-11.20 *Coffee Break with Poster Presentation*

11.20-13.00 **Session One: Foodborne Zoonoses I**

11.20-12.00 **Monitoring of foodborne agents in wastewater (provisional)**
Dr. Elisabetta Suffredini, ISS, Italy

12.00-12.15 **Overlooked impact of the novel species *Escherichia marmotae* on zoonotic transmission and antimicrobial resistance**
U Binsker

12.15-12.30 **Pig farm biosecurity for control of *Salmonella* and Hepatitis E virus infections - a survey of European experts**
E Galipó

12.30-12.45 **Mapping control programmes to mitigate the risk of human exposure to *Salmonella*, *Campylobacter*, STEC and antimicrobial resistance through the animal-environment-food chain: an experts' survey**
M L D'errico

12.45-13.00 **A European exposure survey to assess the risk of Toxoplasmosis**
M Opsteegh

13.00-14.20 *Lunch Break with Poster Presentation*

14.20-15.20 **Roundtable discussion on One Health EJP Joint Research Projects**

15.20-15.40 *Coffee Break with Poster Presentation*

15.40-16.40 **Session Two: Foodborne Zoonoses II**

15.40-15.55 **Health and economic burden of seven foodborne diseases in Denmark, 2019**
S Monteiro Pires

15.55-16.10 **Core genome MLST of precision of *Listeria monocytogenes* typing through wet- and dry- lab parameters**
N Radomski

16.10-16.25 **New insights into the epidemiology of *Listeria monocytogenes* - a cross-sectoral retrospective genomic analysis in the Netherlands (2010-2020)**
C Coipan

16.25-16.40 **Shigatoxigenic *Escherichia coli* (STEC) in Swedish cervids - a nationwide survey conducted in the One Health EJP DISCOVER project**
R Söderlund

16.45-17.45 **Session Three**

One Health EJP PhD students Three Minute Thesis Competition



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18.00-19.20 **Session Four**

Prioritising sustainable activities for the future
MedVetNet Association

Invited Talk
Speaker TBA

Invited Talk
Speaker TBA

Selected Talk
Speaker TBA

Selected Talk
Speaker TBA

19.30 **Closure of First Day and Welcome Cocktail**

TUESDAY April 12th

CEST

08.30-09.00 *Morning coffee*

09.00-10.00 **Pathogen spillover through the lens of emerging bat viruses**
Prof Raina Plowright, Montana State University, USA

10.00-11.00 **Roundtable discussion on One Health EJP Joint Integrative Projects**

11.00-11.30 *Coffee Break with Poster Presentation*

11.30-13.10 **Session Five: Antimicrobial Resistance I**

11.30-12.10 **AMR and environmentally related issues (provisional)**
Dr. Jean-Yves Madec, ANSES, France

12.10-12.25 Occurrence of indicator genes of antimicrobial resistance contamination in the North Sea and English Channel seawaters
E Bourdonnais

12.25-12.40 Characterisation of *bla*_{OXA-48} plasmids in a diverse range of clinical and environmental Enterobacterales isolates from an urban location in Ireland
L P Burke

12.40-12.55 Characterising the resistome, mobilome and virulome of drug resistant *Escherichia coli* isolates from anthropogenic impacted aquatic environments
G Miliotis

12.55-13.10 Evaluation of the role of recreational water use on colonisation with antimicrobial resistant Enterobacterales
M L Farrell

13.10-14.40 *Lunch Break with Poster Presentation*



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14.40-16.20 Session Six: Emerging Threats I

14.40-15.20 **Antibiotic use in the COVID-19 in Spain (provisional)**
Bruno Gonzales Zorn, Complutense University in Madrid, Spain

15.20-15.35 **New urban ecosystems from a One Health perspective: future challenges**
J Ortiz de Zárate

15.35-15.50 **Understanding the barriers and enablers to improving recreational water quality from a One Health perspective**
S Duane

15.50-16.05 **Guidelines for setting up a One Health risk analysis system for zoonoses**
K Maassen

16.05-16.20 **Leveraging on One Health to strengthen preparedness against global health threats**
M G Dente

16.20-16.50 *Coffee Break with Poster Presentation*

16.50-17.50 Session Seven: Antimicrobial Resistance II

16.50-17.05 **Large diversity of linezolid-resistant isolates discovered in food-producing animals through linezolid selective monitoring in Belgium in 2019**
C Boland

17.05-17.20 **An extended One Health perspective to cope the multiple dimensions of AMR**
E Baroja

17.20-17.35 **Metagenomic sequencing analysis of the effects of apramycin on the poultry gut microbiome**
B R Matamoros

17.35-17.50 **WILBR: contribution of wild birds to AMR in the environment and on farm**
O Turner

17.50 **Closure of Second Day**

19.30 **Social event**



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WEDNESDAY April 13th

CEST

09.00-09.30 *Morning coffee*

09.30-10.45 **Roundtable discussion on One Health EJP PhD projects**

10.45-11.15 *Coffee Break with Poster Presentation*

11.15-12.15 Session Eight: Emerging Threats II

11.15-11.30 **One Health approach in tick-borne pathogen research and disease xenodiagnostics - model from Serbia**
P Banovic

11.30-11.45 **Screen the unforeseen: microbiome-profiling techniques for surveillance of zoonotic pathogens in wild rats**
M de Cock



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- 11.45-12.00 Large-scale comparative genomics of the zoonotic pathogen *Cryptosporidium parvum* in Europe
S M Cacciò
- 12.00-12.15 Investigation of the SARS-CoV-2 cases in the UK companion, zoo and wildlife animals
E Shipley
- 12.20-13.20 **Climate changes and sustainability of the food production system (provisional)**
Vittorio Fattori, Food and Agriculture Organisation
- 13.20-14.30 *Lunch Break with Poster Presentation*
- 14.30-15.15 **One Health EJP Annual Scientific Meeting Closing Session**



Image: Gianni Careddu

Orvieto, Italy and online 14th April

THURSDAY April 14th

CEST
09.00-18.00

Annual Scientific Meeting Satellite Workshop Diagnostics workshop: mobile detection platform for One Health diagnostic applications

The workshop aims to discuss factors influencing the design of diagnostic assays for One Health applications, including sample types (environmental, medical or veterinary), target sequences and assay format, reflecting on current standard diagnostics in public and animal health.

[Further information here.](#)

