

One Health EJP Annual Scientific Meeting 2020 SCIENTIFIC PROGRAMME

Date: 27th - 29th May 2020



WEDNESDAY

- CEST**
09:30 **WELCOME**
- 09:40** **KEYNOTE SPEAKERS**
- 09.40** **Keynote Speakers**
[Stef Bronzwaer](#), European Food Safety Authority (EFSA)
Presentation: Bacteria Readily Exchange Information, So Should We...
- 10.10** *Break; Poster Presentation visual show*
- 10.20** **Keynote Speakers**
[Jaroslav Hrabák](#), Faculty of Medicine in Pilsen
Presentation: Novel Technologies in Microbiological Diagnostics and Epidemiological Typing
[Monika Dolejská](#), University of Veterinary and Pharmaceutical Sciences, Brno, CZ;
Central European Institute of Technology, CZ
Presentation: Antibiotic Resistant Bacteria in the Environment: Role of Wildlife in Dissemination of Clinically Important Resistances
- 11.20** *Break; Poster Presentation visual show*
- 11:30** **ORAL PRESENTATIONS**
- 11.30** **Theme: Emerging Threats**
[Martin Heinrich Richter](#): New insights into Monitoring and Prevalence studies of circulating zoonotic pathogens in German wildlife.
[Luca Freddi](#): *Brucella* microti-like species in French frogs: environmental source or new host?
[Claudia Coipan](#): Emergence of ESBL-producing *Salmonella* Kentucky blaCTX-M-14b in Europe.
[Valeria Michelacci](#): Tracing back the evolutionary route of Enteroinvasive *Escherichia coli* and *Shigella* through the example of the highly pathogenic O96:H19 EIEC clone.
[Kitty Maassen](#): COHESIVE: Development of implementation guidelines to support countries with early warning, response and control of (emerging) zoonoses in a One Health fashion.
- 12:20** *Lunch break; Poster Presentation visual show*

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- 13:20** **Theme: Epidemiology**
[Anna Maria Gamża](#): Understanding environmental transmission of *Campylobacter* in broilers: models and experiments.
- CEST** [Claudia Coipan](#): Harmonization of molecular typing workflows – is it really necessary? An example from a large-scale international *Salmonella Enteritidis* outbreak.
[Adriano Di Pasquale](#): The COHESIVE Information System: a cross EJP projects example.
[Valerie Eijrond](#): Intensive Livestock Farming: Is the risk for human health really the problem?
[Michele Luca D'Errico](#): Factors affecting signals sharing of zoonotic events: a qualitative exploratory study in Italy.
- 14:10** *Break; Poster Presentation visual show*
- 14:20** **Theme: Epidemiology**
[Clara Samper Cativiela](#): Epidemiology of *Salmonella* Kentucky ST 198 resistant clones from poultry flocks in Spain.
[Nathaniel Storey](#): Difference in antimicrobial resistance and persistence in clinical and non-clinical pig populations.
[Julio Alvarez](#): Development of algorithms for automated detection of *Salmonella* outbreaks in Minnesota, US.
[María Ugarte-Ruiz](#): Detection and antimicrobial characterization of *Salmonella enterica* subsp. *enterica* isolated from eggs at retail in Madrid, Spain from 2003 to 2019.
[Philippe Velge](#): Faecal gut microbiota composition determines susceptibility to *Salmonella Enteritidis* primo-colonization.
- 15:10** *Break; Poster Presentation visual show*
- 15:20** **Theme: Risk Assessment**
[Esther M. Sundermann](#): Food Safety Knowledge Markup Language (FSK-ML): a generic exchange format for simulation models in the area of food safety and One Health.
[Matthias Filter](#): RAKIP: Resources for harmonized annotation and efficient exchange of risk assessment models.
[Arno Swart](#): Bayesian evidence synthesis for combining risk-assessment and epidemiology of ESBL *E. coli* carriership.
- 15.50** **End of Day One**

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THURSDAY

CEST

09:00

ORAL PRESENTATIONS

09.00

Theme: Foodborne Zoonoses

[Thomas Brauge](#): Impact of disinfectant stress on the viability of *Listeria monocytogenes* cells in biofilm and on their transfer from surfaces to food.

[Federica Palma](#): Deciphering the Biocide-Resistance of *Listeria monocytogenes* Strains from Europe through Genome-Wide Associations at the pangenomic scale.

[Barbara Chirullo](#): Investigating the *Salmonella*-carrier state mechanisms in mice and pigs.

[Michele Macrelli](#): A bovine cysticercosis outbreak in an indoor beef finisher farm in the North of England.

[Marieke Opsteegh](#): Source attribution for *Toxoplasma gondii* infections in Europe

[Gina Duggan](#): Investigating the shedding dynamics of Shiga-toxigenic *Escherichia coli* (STEC) using a whole genome sequencing approach.

[Stefania Lauzi](#): Whole genome characterization of Shiga toxin-producing *Escherichia coli* in Free-ranging Red Deer from Italian Central Alps.

10.10

Break; Poster Presentation visual show

10.20

Theme: Foodborne Zoonoses

[Yann Sévellec](#): Using pan-GWAS, on *Listeria monocytogenes* strains from the #OHEJP_LISTADAPT collection, we evidenced that soil fitness is multifactorial.

[Gianni Lo Iacono](#): A novel method to analyse the impact of environment on infectious diseases: the case of *Campylobacter*.

[Idesbald Boone](#): Electronic data on food served in healthcare facilities in Italy and Germany.

[Taran Skjerdal](#): Phenotypical responses to stress of in *Listeria monocytogenes* strains of different Clonal Complexes isolated along the nature-to-farm-to-fork chain.

[Alizée Guérin](#): Exposure to quaternary ammonium compounds show resistance to ciprofloxacin for *Listeria monocytogenes* from diverse ecological niches.

11.10

Break; Poster Presentation visual show

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**CEST
11:20**

Theme: Antimicrobial Resistance

[Hans Kristian Mjelde](#): Multi-resistant *Escherichia coli* in long-distance migratory birds: how Greylag geese (*Anser anser*) and Pink-footed geese (*Anser brachyrhynchus*) can act as vectors for antimicrobial resistance.

[Hassan Tarabai](#): Comparative analysis of multidrug resistant *Escherichia coli* ST216 isolates from silver gulls in Australia.

[Brigid Hooban](#): Antimicrobial resistance and seawater.

[Guido Correia Carreira](#): ESBL/AmpC *E.coli* transmission in the broiler production chain: Linking models for primary production and processing.

[Ralf Sudbrak](#): The Dynamic Dashboard of the Global AMR R&D Hub.

[Muna Anjum](#): Comparison of different antimicrobial resistance whole genome sequencing pipelines within ARDIG.

12:20

Lunch break; Poster Presentation visual show

13:20

Theme: Antimicrobial Resistance

[N. G. Godijk](#): Elucidating the dynamics of infections caused by antibiotic resistant bacteria: Replacement is more likely than addition.

[Andreia Rebelo](#): Dispersion of arsenic tolerance genes among antibiotic-resistant *Enterococcus* spp from several sources and clonal lineages.

[Sophie Payot-Lacroix](#): Diversity and mobility of mobilizable elements carrying the lincosamides-streptogramin A- pleuromutilin lsa(C) resistance gene.

[Octavio Mesa-Varona](#): Phenotypic antimicrobial resistance in *Escherichia coli* strains on clinical and non-clinical isolates from broilers in Germany, France and United Kingdom.

14:00

Break; Poster Presentation visual show

14:10

Theme: Antimicrobial Resistance

[Marta Perez Sancho](#): Characterization of toxicogenic and AMR profiles of *Clostridium perfringens* isolates recovered from Spanish ruminant population.

[Martina Velasova](#): Antimicrobial resistance of *Escherichia coli* isolates originating from diagnostic submissions from veterinary scanning surveillance in UK, Germany and France from 2014 to 2017.

[Pedro Miguela-Villoldo](#): Effect of colistin on the selection of mcr-1 in bacteria in broiler chicken gut.

[Jose L. Gonzales](#): Investigation and alignment of antimicrobial resistance data management and data sharing to improve intersectoral collaboration.

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CEST
14:50 *Break; Poster Presentation visual show*

15.00 3MT Competition

16.00 **End of Day Two**

FRIDAY

09:30 **ORAL PRESENTATIONS**

09.30 **Theme: Integrated Activities**

[Estibaliz Lopez de Abechuco](#): One Health Consensus Report Annotation Checklist (OH-CRAC): a generic checklist to support harmonization of surveillance data reports.

[Maaïke van den Beld](#): Improvement of food safety by whole genome sequencing and subsequent data sharing of foodborne pathogens by public health and food authorities in the Netherlands.

[Nadia Boisen](#): OH-Harmony-Cap: One Health Harmonisation of Protocols for the Detection of Foodborne Pathogens and AMR Determinants.

[Matthias Filter](#): The One Health Surveillance (OHS) Codex – a high level framework supporting mutual understanding and information exchange between One Health sectors.

10.10 *Break; Poster Presentation visual show*

10.20 **KEYNOTE SPEAKERS**

10.20 **Keynote Speakers**

[Mieke Uyttendaele](#), Food Microbiology and Food Preservation research group (FMFP-UGent), Ghent University, Belgium

Presentation: Human Pathogens Everywhere: How Can the One Health Community Tackle Them?

[Elizabeth Mumford](#), World Health Organisation

Presentation: International One Health: Engaging Stakeholders

11:20 **Closing remarks**

11.40 **End of Annual Scientific Meeting**