Date: 27th - 29th May 2020

WEDNESDAY

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
One Health EJP
Annual Scientific Meeting 2020
SCIENTIFIC PROGRAMME

Date: 27th - 29th May 2020

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.
Maria 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
Date: 27th - 29th May 2020

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
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.
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 Isa(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.
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.
One Health EJP
Annual Scientific Meeting 2020
SCIENTIFIC PROGRAMME

Date: 27th - 29th May 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:50</td>
<td>Break; Poster Presentation visual show</td>
</tr>
<tr>
<td>15.00</td>
<td>3MT Competition</td>
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<tr>
<td>16.00</td>
<td>End of Day Two</td>
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</tbody>
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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.
Maaike 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.
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