



# 1st International On-Line Conference

## ONE HEALTH: CHALLENGES FOR FOOD SAFETY

### 19 June 2024



#### DETAILED PROGRAM

Join the conference on Your Computer or Mobile App: [Click Here to Join the Conference on Teams](#)

#### Time (CET)

8.45 – 9.00

**Log-in Time**

9:00 - 9:05

**Opening of the Conference – Prof. Mindaugas Malakauskas**, Department of Food Safety and Quality, Lithuanian University of Health Sciences

#### OPENING SESSION

9:10 - 9:40

A One Health Approach to Prevent and Combat *Campylobacter* Infections - **Prof. Thomas Alter**, Institute of Food Safety and Food Hygiene, Freie Universität Berlin, Germany

9:40 – 10:10

Antimicrobial Resistance: Our One Health Challenge – **Dr. Jorge Pinto Ferreira**, Food and Agriculture Organization of the United Nations (FAO), Rome, Italy

#### ORAL PRESENTATIONS

##### *Antimicrobial Resistance*

10:10 – 10:30

ESBL-producing *Escherichia coli* in Broiler Farm: Vaccination Effect on Bacteria Occurrence and Antimicrobial Resistance - **Beatričė Kasparavičienė**, Department of Food Safety and Quality, Lithuanian University of Health Sciences

10:30 – 10:50

The Prevalence of *Escherichia coli* Producing  $\beta$ -lactamases in Retail Poultry Meat in Lithuania – **Prof. Modestas Ružauskas**, Microbiology and Virology Institute, Lithuanian University of Health Sciences

10:50 – 11:10

Antibiotic Resistance of Staphylococci Isolated from Bulk Tank Milk Samples – **Assoc. Prof. Agnieszka Wiszniewska-Łaszczych**, Department of Veterinary Public Health, Faculty of Veterinary Medicine, University of Warmia and Mazury, Olsztyn, Poland

##### *Food Safety*

11:10 – 11:30

Survival of Bacterial Pathogens in Food Production Environments due to a Viable but Non-Culturable State – **Dr. Patrick Mikuni-Mester**, Centre for Food Science and Veterinary Public Health, Unit of Food Microbiology, University of Veterinary Medicine Vienna, Vienna

- 11:30 – 11:50 Impact of Rainfall Events on *E. coli* Compliance of Bivalve Mollusc Harvested in Sardinia, Italy – **Prof. Carlo, Spanu**, Department of Veterinary Medicine, University of Sassari, Sassari, Italy
- 11:50 – 12:00 **Break**
- 12:00 – 12:20 Determination of Microbiological Parameters, Algal Biotoxins and Trace Elements in Oysters from a Mediterranean Lagoon - **Assoc. Prof. Domenico Meloni**, Department of Veterinary Medicine, University of Sassari, Sassari, Italy
- 12:20 – 12:40 Identifying and Quantifying Microbial Communities in Sardinian Sheep Cheese Dairies' Processing Environments via DNA Metabarcoding - **Lucia Giagnoni**, Department of Veterinary Medicine, University of Sassari, Sassari, Italy
- 12:40 – 13:00 Characteristics of *Yersinia enterocolitica* Isolated from Fresh Lettuce and Vegetables in Latvia - **Assoc. Prof. Margarita Terentjeva**, Faculty of Veterinary Medicine, Latvia University of Life Sciences and Technologies; Institute of Food Safety, Animal Health and Environment “BIOR”

### *Prevention and Control Strategies*

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- 13:00 – 13:20 Natural Molecules Approved as Food Additives Having Dual Activity on Foodborne Pathogens – **Prof. Dusan Mistic**, Department for Functional Foods Development, Faculty for Biotechnology and Food Science, Wroclaw University of Environmental and Life Sciences, Poland
- 13:20 – 13:40 Genes and Pathways Revealed by *Escherichia coli* Challenge of Milk Derived Bovine Mammary Epithelial Cells – **Dr. Terhi Iso-Touru**, Natural Resources Institute Finland (Luke), Finland
- 13:40 – 14:00 **Discussion, Closing Remarks of the Conference**

This Conference is Organized by: **Department of Food Safety and Quality of Lithuanian University of Health Sciences and Division of Agricultural and Forestry Sciences of Lithuanian Academy of Sciences**

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