



EU Reference Laboratory for *E. coli*
Department of Food Safety, Nutrition and Veterinary Public Health
Unit of Microbiological Food Safety and Foodborne Diseases
Istituto Superiore di Sanità



**16th Annual Workshop of the
National Reference Laboratories for *E. coli*
in the EU**

18-19 October, 2021

Online Event

Final Agenda



Funded by the European Commission – DG SANTE

Monday 18 October

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|--------------|---|--|
| 14:00 | Introduction and housekeeping | Stefano Morabito, Guendalina Fornari Luswergh |
| 14:10 | Session 1. Update of surveillance and monitoring activities on STEC in the EU and the collection of molecular typing data on STEC | |
| 14:10 | Update on the discussion on STEC at the EC level | Martial Plantady EC |
| 14:30 | Update on the annual reporting of STEC in the EU and on EFSA activities for molecular typing data collection for food and animal isolates | Frank Boelaert/Mirko Rossi EFSA |
| 14:50 | Update on STEC infections in the EU/EEA and EpiPulse - the new ECDC surveillance platform | Taina Niskanen/ Margot Einöder-Moreno ECDC |
| 15:10 | FAO activities on STEC and other pathogenic <i>E. coli</i> | Christine Kopko FAO |
| 15:30 | Update from the inter EURL working group on NGS | Valeria Michelacci EURL <i>E. coli</i> |
| 15:45 | Question time | |
| 16:15 | Closure of the first session | |

Tuesday 19 October

10:00 Session 2. Inter laboratory studies and methods for detection and typing of pathogenic *E. coli*

10:00 Proficiency testing for STEC in the human sector

Flemming Scheutz

SSI

10:20 Update on the revision of the ISO 13136

Rosangela Tozzoli,
EURL-*E. coli*

10:35 Results of the inter-laboratory study on the characterization and typing of Shiga toxin-producing *E. coli* (PT28)

Valeria Michelacci
EURL *E. coli*

10:50 Results of the inter-laboratory study on the detection of STEC in herbs (PT27)

Federica Gigliucci
EURL *E. coli*

11:10 Inter-laboratory study on the Enumeration of *E. coli* in LBM (PT29)

Margherita Montalbano
EURL *E. coli*

11:30 The online training program of the EURL for *E. coli* in the years 2020-2021

Rosangela Tozzoli
EURL *E. coli*

11:45 Question time

12:10 Break

Tuesday 19 October

14:00 Session 3. Scientific talks and presentations from the NRLs

Invited talk: Bacteriophages of Shiga Toxin-Producing *Escherichia coli* and Their Contribution to Pathogenicity

Maite Muniesa
University of Barcelona

14:30 STEC in dough and batter

André Goehler
NRL Germany

14:45 STEC in wild animals and pork meat

Gro S. Johannessen
NRL Norway

14:55 Development and validation of a multiplex real-time PCR assay with Taqman® technology for detection of *Escherichia coli* O80:H2

MAZUY-CRUCHAUDET
Christine
NRL France

15:10 Internalization of STEC into protozoa: Impact on the food testing?

Margherita Montalbano
NRL Italy

15:35 Closure

Invited Speakers

Martial Plantady

European Commission

Foodborne zoonosis and food incident coordination
Directorate-General for Health & Food Safety
Directorate G – Crisis management in food, animals and plants
Unit G4 - Food hygiene and fraud
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