



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



**13th Annual Workshop of the
National Reference Laboratories for *E. coli*
in the EU
18-19 October, 2018**

Aula “Marotta”

Istituto Superiore di Sanità

Viale Castro Laurenziano, 10 – 00161 Rome, Italy

Agenda



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Thursday 18 October

13:15 **Welcome brunch and registration**

14:15 Introduction and housekeeping **Stefano Morabito, Susan Babsa, Clarissa Ferreri**

14:30 **Session 1. Update of surveillance and monitoring activities on STEC in the EU and the collection of molecular typing data on STEC**

Update on the annual reporting of STEC in the EU and on EFSA activities for molecular typing data collection for food and animal isolates **Valentina Rizzi, EFSA**

Update on the STEC Network preparedness for molecular typing data collection (PT-PFGE6) **Antonella Maugliani, EURL-VTEC**

15:30 **Invited talks**

Conclusions from the VTEC 2018 conference **Flemming Scheutz, International *Escherichia* Centre (WHO)**

Results of the EQA-8 organized by SSI **Flemming Scheutz, International *Escherichia* Centre (WHO)**

The joint FAO/WHO report on STEC **Flemming Scheutz, International *Escherichia* Centre (WHO) and Peter Feng, Food and Drug Administration (FDA)**

Update on the U.S. National Advisory Committee (NACMCF) report on STEC **Peter Feng, Food and Drug Administration (FDA)**

Discussion

17:00 **Closure of the first day**

Friday 19 October

9:30 Session 2. Genomics: Applications to public health microbiology

Invited talk:

Toward strain-resolved metagenomics for microbial epidemiology and pathogen monitoring

**Nicola Segata,
University of Trento**

Update on the preparedness on the use of NGS for characterization and typing of pathogenic *E. coli* and EURL initiatives (PT-WGS1)

**Valeria Michelacci, Arnold Knjin
EURL-VTEC**

EU initiatives: EFSA and EC survey on the use of WGS in the EU/EFTA countries

**Valentina Rizzi,
EFSA**

EU initiatives: inter-EURLs working group and EFSA working group on NGS

**Stefano Morabito,
EURL-VTEC**

11:00 Session 3. Laboratory methods and proficiency testing (PT)

Results of the inter-laboratory study on the detection of STEC in rocket salad (PT20)

**Rosangela Tozzoli,
EURL-VTEC**

11:20 Coffee break

11:50 Session 3. Laboratory methods and proficiency testing (PT) (continued)

Results of the inter-laboratory study on the detection of STEC in sprouts (PT21)

Update on the revision of the ISO TS 13136:2012

EURL-VTEC

The forthcoming PTs organised by the EURL-VTEC

12:50 Session 4. Presentations from the NRLs and other participants

STEC O157 infections linked to burger consumption in the UK in 2018

**Frieda Jorgensen,
NRL UK**

The establishment of an Italian repository of WGS of STEC and other foodborne pathogens

NRL Italy

13:20 Lunch

14:30 Session 4 (continued). Presentations from the NRLs and other participants

STEC in beef prevalence study in Ireland

**Montserrat Gutierrez,
NRL Ireland**

Epidemiology of non-O157 STEC in paediatric haemolytic uremic syndrome

**Gaia Scavia,
NRL Italy**

15:00 Network activities, general discussion, and closing remarks

16:00 Closure

Invited Speakers

Peter Feng

U.S. Food and Drug Administration,
Division of Microbiology,
College Park, Maryland

Valentina Rizzi

European Food Safety Authority (EFSA)
Unit on Biological Hazards and Contaminants
Risk Assessment and Scientific Assistance Department
Parma, Italy

Flemming Scheutz

**WHO Collaborating Centre for Reference and Research on
Escherichia and Klebsiella**
Statens Serum Institut
Copenhagen, Denmark

Nicola Segata

Computational Metagenomics Lab
CIBIO - University of Trento
Povo (Trento), Italy