

**11<sup>th</sup> Annual Workshop of the  
National Reference Laboratories for *E. coli*  
in the EU  
10-11 November, 2016**

**Aula “G.B. Rossi”  
Istituto Superiore di Sanità  
Via Giano della Bella, 34 – 00161 Rome, Italy**



**Thursday 10 November**

### 13.15 Welcome brunch and registration

<b>14.15</b>	Introduction and housekeeping	<b>Stefano Morabito, Susan Babsa, Clarissa Ferreri</b>
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**14.30 Session 1. Update of surveillance and monitoring activities on STEC in the EU and the development of a database on molecular typing of foodborne pathogens**

Upgrade of the EPIS-FWD network: Concept and concrete features

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

Update on the VTEC Network preparedness for molecular typing data collection

15.45 Session 2. *E. coli* Genomics: Applications to public health microbiology

Preparedness towards the use of NGS for characterization and typing of pathogenic *E. coli*

Metagenomics to study STEC infections

VTEC O26:H11/HNM isolated in Austria 2009-2014-NGS analysis

## 16.30 Discussion

**17.00      Closure of the first day**

## Friday 11 November

### 09.00 Invited talk

EQA schemes for public health laboratories and WGS of STEC and other pathogenic *E. coli* **Flemming Scheutz, International *Escherichia* Centre (WHO)**

### 09.30 Session 3. Laboratory methods and proficiency testing (PT)

Results of the inter-laboratory study on the detection of STEC in ground beef (PT17) **Rosangela Tozzoli, EURL-VTEC**

Revision of the ISO/TS 13136:2012 and ISO 16654:2001 Amd1. State of Play **Rosangela Tozzoli, EURL-VTEC**

### 10.15 Session 4. Presentations from the NRLs and other participants

Extensive STEC and EPEC foodborne outbreak in Finland, August 2016 **Saija Hallanvuo, NRL Finland**

### 10.30 Coffee break

### 11.00 Invited talk

Overview of EURL-AMR and NGS activities **Lina Cavaco, EURL-AMR**

### 11.40 Session 4. Presentations from the NRLs and other participants

Pathogenic *E. coli* in Czech Republic **Ivana Kolářková, NRL Czech Republic**

Enterohaemorrhagic *E. coli* Hybrid Pathotype O80:H2, an emerging clone in France **Estelle Loukiadis, NRL France**

UK NRL activities and responsibilities **Shona Neal, NRL UK**

Stx2f-producing *E. coli* and HUS **Rosangela Tozzoli, EURL-VTEC**

### 13.00 Lunch

### 14.15 Session 4. Investigation of a multistate outbreak of STEC O26 infections

Romania O26 VTEC outbreak **Laurentiu Ciupescu, NRL Romania**

The Rapid Outbreak Assessment **Valentina Rizzi, EFSA**

Italian involvement in the outbreak **Gaia Scavia, EURL-VTEC**

### 15.15 Network activities, general discussion, and closing remarks

### 16.00 Closure

## Invited Speakers

### **Lina Cavaco**

EURL-AMR  
Danish Technical University  
Copenhagen, Denmark

### **Valentina Rizzi**

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

### **Gaia Scavia**

EURL-VTEC  
Istituto Superiore di Sanità  
Rome, Italy

### **Flemming Scheutz**

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

### **Karin Johansson**

European Centre for Disease Prevention and Control (ECDC)  
FWD Molecular Surveillance  
Stockholm, Sweden