



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



**17th Annual Workshop of the
National Reference Laboratories for *E. coli*
in the EU**

10-11 October, 2022

ISS, Aula Bovet - Hybrid Event

Agenda



Co-Funded by the European Commission – DG SANTE

Monday 10 October

14:00	Welcome and housekeeping	Stefano Morabito, Paolo Caricato
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 <i>European Commission</i>
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	Mirko Rossi <i>European Food Safety Authority, Parma, Italy</i>
14:50	Update on STEC infections in the EU/EEA	Johanna Takkinen <i>European Centre for Disease Prevention and Control, Sockholm, Sweden</i>
15:10	FAO Activities on STEC - An update	Christine Kopko <i>Food and Agriculture Organization, Rome, Italy</i>
15:30	Coffee Break	
15:50	Update from the inter EURL working group on NGS	Valeria Michelacci <i>EURL E. coli</i>
16:15	Outcome of the OHEJP Harmony-Cap project: assessment of the procedures for the detection of STEC and ETEC.	Flemming Scheutz <i>Statens Serum Institut, Copenhagen, Denmark</i>
17:00	Closure of the first session	

Tuesday 11 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 <i>Statens Serum Institut, Copenhagen, Denmark</i>
10:20 Update on the revision of the ISO 13136	Rosangela Tozzoli <i>EURL-E. coli</i>
10:35 Results of the inter-laboratory study on the characterisation and typing of Shiga toxin-producing <i>E. coli</i> (PT31)	Valeria Michelacci <i>EURL E. coli</i>
10:50 Results of the inter-laboratory study on the detection of STEC in spent irrigation water (PT30) and in cheese (PT33)	Federica Gigliucci <i>EURL E. coli</i>
11:15 Inter-laboratory study on the Enumeration of <i>E. coli</i> in LBM (PT32)	Margherita Montalbano <i>EURL E. coli</i>
11:35 Training at the EURL for <i>E. coli</i> during CoViD-19	Rosangela Tozzoli <i>EURL E. coli</i>

11:55 Question time

12:10 Break

Tuesday 11 October

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

Updates on the detection of new variants of <i>stx</i> and <i>eae</i> genes and the complicated issue of the detection of ETEC and the most important adhesin genes in ETEC	Flemming Scheutz <i>Statens Serum Institut, Copenhagen, Denmark</i>
	Carla Rivero <i>Laboratorio de Ciencias Experimentales</i>
14:25 Relevance of Stx2-Phage in the development of Haemolytic uremic syndrome (HUS)	<i>Instituto de Estudios para el Desarrollo Productivo y La Innovación</i> <i>Universidad Nacional de Jose C. Paz, Argentina</i>
14:45 Prevalence of verotoxigenic <i>Escherichia coli</i> serogroups and virulence genes of relevance in public health in fattening calves in Spain	Irache Pérez Cobo <i>NRL Spain</i>
15:00 Characterization of <i>E. coli</i> from artificially contaminated cheese samples using long-read metagenomics	Jaudou Sandra <i>ANSES, France</i>
15:15 Shiga toxin-producing <i>Escherichia coli</i> of serotype O187:H28	Michaela Projahn <i>NRL Germany</i>
15:30 NGS and TGS analysis of STEC O80:H2 and O45:H2 ST301 isolates	Angela van Hoek <i>NRL Netherlands</i>

15:45 Activity of NRL seafood Norway

Lunestad Bjørn Tore

*Institute of Marine
Research, Norway*

16:00 Closure

Invited Speakers

Martial Plantady

European Commission

Foodborne zoonosis and food incident coordination
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