



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



**18th Annual Workshop of the
National Reference Laboratories for *E. coli*
in the EU**

5-6 October, 2023

ISS, Aula Pocchiari



Co-Funded by the European Commission – DG SANTE

Thursday 5 October

14:00	Welcome and housekeeping	Stefano Morabito, Paolo Caricato
14:10	Session 1. Surveillance of human cases, monitoring of STEC contamination of food and animals and management of non-compliances in the EU	
		Cecilia Jernberg <i>European Centre for Disease Prevention and Control, Söckholm, Sweden</i>
14:10	Update on STEC infections in the EU/EEA	
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	Management of non-compliances for STEC in food in the EU: A round table	Stefano Morabito <i>EURL-E. coli</i>
15:40	Coffee Break	
16:00	Update from the inter EURL working group on NGS	Valeria Michelacci <i>EURL E. coli</i>
16:15	Keynote: Are we looking in the right places? Insights from One Health STEC surveillance.	Eelco Franz <i>RIVM, The Netherlands</i>
17:00	Closure of the first session	

Friday 06 October

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

10:00 Eleventh external quality assessment scheme for typing of Shiga toxin-producing *Escherichia coli*

Nadia Boisen

*Statens Serum Institut,
Copenhagen, Denmark*

10:30 Update on the revision of the ISO 13136: State of the art of Part 1 and Part 2

Rosangela Tozzoli

EURL-E. coli

10:50 Results of the inter-laboratory study on the detection of STEC in spent irrigation water (PT34)

Federica Gigliucci

EURL E. coli

11:05 Results of the inter-laboratory study on the characterisation and typing of Shiga toxin-producing *E. coli* (PT35)

Valeria Michelacci

EURL E. coli

11:25 Update on the Inter-laboratory study on the Enumeration of *E. coli* in LBM (PT36)

TBD

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11:35 Training at the EURL

Rosangela Tozzoli

EURL E. coli

11:55 Question time

12:30 Lunch Break

Friday 06 October

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

An update on Shiga toxin (Stx) subtypes

Nadia Boisen

*Statens Serum Institut,
Copenhagen, Denmark*

Risk ranking of dairy STEC isolates after characterization by WGS

Joerg Hummerjohann

Agroscope, Switzerland

Detection of STEC: Alternative methods for industrial needs

David Tomas

*Associated Director
Global Scientific Affairs
bioMérieux Industry
CEN/TC463/WG02 expert*

Implementation of *E. coli* STEC analysis according to ISO standard 13136:2012

Morten Jepsen

*Danish Veterinary and
Food Administration*

Indole-negative STEC isolates

Ralph Litjens

WFSR, The Netherlands

Characterization of an stx2k-positive strain isolated from a pediatric patient in Italy: identification of a mosaic bacteriophage

Valeria Michelacci

EURL E. coli

16:00 Closure

Invited Speakers

Mirko Rossi

European Food Safety Authority (EFSA)
Unit on Biological Hazards and Contaminants
Risk Assessment and Scientific Assistance Department
Parma, Italy
mirko.rossi@efsa.europa.eu

Cecilia Jernberg

European Centre for disease prevention and control (ECDC)
Food and Waterborne disease network
Stockholm, Sweden
Cecilia.Jernberg@ecdc.europa.eu

Nadia Boisen

Statens Serum Institute, Copenhagen, Denmark
nbo@ssi.dk

Eelco Franz

The Dutch National Institute for Public Health and the Environment, Bilthoven, The Netherlands
eelco.franz@rivm.nl

David Tomas

Associated Director, Global Scientific Affairs, bioMérieux Industry
davidtomasfornes@gmail.com