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

EU-RL
VTEC

7th Annual Workshop of the

National Reference Laboratories for *E. coli*

in the EU

8-9 November, 2012

Aula *"Marotta"*

Istituto Superiore di Sanità

Viale Regina Elena, 299 – 00161 Rome, Italy

PROVISIONAL AGENDA

Thursday 8 November

14.30   Registration

15.00   Welcome, Introduction, and Housekeeping   **Alfredo Caprioli, Susan Babsa**

15.10   Invited talk

The perspectives of whole genome sequencing in the study of   **Katrine Grimstrup Joensen**
VTEC infections

15.45   Presentations from the NRLs

Using new generation sequencing to develop next generation typing   **Tim Dallman (NRL UK)**
for VTEC O157

A Pathogenicity Island coding the SubAB toxin is frequent in   **Valeria Michelacci (NRL Italy)**
LEE-negative STEC of human and ovine origin

A large outbreak of sorbitol-fermenting VTEC O157 associated   **Saija Hallanvuo (NRL Finland)**
with unpasteurized milk and contact with cattle.

16.20   Coffee break

**16.45   Session 1. Update of surveillance and monitoring activities on VTEC in the EU and
            the initiatives toward a database on molecular typing of foodborne pathogens**

Development of data bases for molecular testing of foodborne pathogens in view   **Kris De Smet**
of outbreak preparedness

The ECDC FWD pilot project for molecular typing of human strains   **Angela Lahuerta-Marin**

The EFSA program for molecular typing of food and animal strains   **Pierre-Alexandre Beloeil**

The role of the network of RLs for *E. coli*   **Stefano Morabito**

18.00   Closure of the first day

Friday 9 November

9.00   Invited talk

VTEC and the environment   **Eelco Franz**

9.45   Session 2. Patho-types of *E. coli* other than VTEC

E. coli other than VTEC: which role in food safety ?   **Flemming Scheutz**

A foodborne outbreak of entero-invasive *E. coli*   **Martina Escher and Gaia Scavia (NRL Italy)**
(EIEC) infection in Italy

10.30   Coffee break

11.00   Session 3: Laboratory methods and proficiency testing (PT)

Detection methods for VTEC: update and perspectives in the EU and USA   **Stefano Morabito**

The collaborative study for the validation of the ISO 16654 method   **Stefano Morabito**

Results of the 8th PT on the detection of VTEC in water   **Gaia Scavia, Rosangela Tozzoli,**
samples   **and Clarissa Ferreri**

11.45   Presentations from the NRLs

Prevalence of the 7 major serogroups of VTEC in fresh   **Estelle Loukiadis (NRL France)**
minced beef in France

VTEC in raw cow's milk in Denmark   **Jeppe Boel (NRL Denmark)**

VTEC in raw cow's milk in Italy   **Antonella Maugliani (NRL Italy)**

Towards a control program for VTEC O157 in Swedish cattle   **Anna Aspan (NRL Sweden, SVA)**

A local outbreak of infections with VTECO157   **Sarah Denayer (NRL Belgium, PHI)**
associated with the consumption of raw meat products

The activities of the NRL at the National Food Institute   **Pavle Sekulovski (NRL Macedonia)**

13.15   Lunch

14.15   Developments in the legislation on food hygiene related with VTEC   **Kris De Smet**

14.30   Session 3: Network activities

PTs on VTEC detection and Typing: results of a 6-years   **Rosangela Tozzoli, Clarissa Ferreri**
experience

The upcoming PTs: PT9 on the detection of VTEC in   **Rosangela Tozzoli, Flemming Scheutz**
seeds and PT10 on strain typing, including PFGE

Organization of PTs by the NRLs: the results of an inventory   **Stefano Morabito**

Training activities at the EU-RL VTEC   **Antonella Maugliani**

The upcoming PTs: PT9 on the detection of VTEC in   **Rosangela Tozzoli, Flemming Scheutz**
seeds and PT10 on strain typing, including PFGE

15.15   General discussion and closing remarks

16.00   Closure

Invited Speakers

Kris De Smet
European Commission
DG SANCO, Unit E2
Brussels, Belgium

Eelco Franz
NRL for E. coli
National Institute for Public Health and the Environment
Bilthoven, The Netherlands

Angela Lahuerta-Marin
European Centre for Disease Prevention and Control (ECDC)
Surveillance Unit
Stockholm, Sweden

Pierre-Alexandre Beloeil
European Food Safety Authority (EFSA)
Team on Zoonoses Data Collection
Parma, Italy

Flemming Scheutz
The International Escherichia and Klebsiella Centre (WHO)
Statens Seruminstitut
Copenhagen, Denmark