



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



**4<sup>th</sup> Annual workshop of the National  
Reference Laboratories for *E. coli* in the EU  
30<sup>th</sup> October, 2009**

**Aula “D. Bovet”**

**Istituto Superiore di Sanità**

**Viale Regina Elena, 299 – 00161 Rome, Italy**

**AGENDA**



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## **08.45 Registration**

**9.00** Welcome, Introduction, and Housekeeping

**Alfredo Caprioli, Susan Babsa**

### **Session 1**

**9.20** Surveillance of VTEC infections in Europe: the ECDC Foodborne and Waterborne Diseases (FWD) Network

**Johanna Takkinen**

**9.40** Trends and sources of VTEC in the EU: the EFSA 2008 Report

**Pierre-Alexander Beloeil**

**10.00** Epidemiology and Molecular Surveillance of VTEC infections in South America, + a brief report on the **VTEC 2009** meeting held in May in Buenos Aires

**Marta Rivas**

**10.40 Coffee break.**

### **Session 2**

**11.00** MLVA for VTEC O157:validation and application to strain comparison

**Geraldine Smith**

**11.20** STEC serotyping: the molecular approach

**Patrick Fach**

**11.40** Results of the inter-laboratory study on VTEC detection and identification in carcass swabs

**Gaia Scavia and Stefano Morabito**

**12.20** The experience of the EC Joint Research Centre (Ispra) on the validation of molecular methods

**Monica Ermolli**

**12.30 Presentations from the NRLs**

**13.00 Lunch.**

### **Session 3**

**14.00 Presentations from the NRLs** (continue)

**14.30** Nomenclature of Verocytotoxins: a review, a proposal, and a protocol for typing vtx genes

**Flemming Scheutz**

**15.00** Update on the EFSA plan for monitoring of VTEC in animals and food

**Pierre-Alexander Beloeil**

**15.20** Summary of the workshop, work programme CRL 2010 and closing remarks

**Alfredo Caprioli and Kris De Smet**

**16.00 Closure**

## **Presentations from the NRLs**

### **Lothar Beutin (NRL Germany):**

Results and discussion of two ring trials on detection and isolation of VTEC

### **Sarah Denayer (NRL Belgium)**

Rapid Screening of beef carcass swabs for enterohaemorrhagic *E. coli* (EHEC) by real time PCR.

### **John Egan (NRL Ireland)**

A 12-month *Escherichia coli* O157 survey in beef and sheep abattoirs in Ireland

### **Estelle Loukiadis (NRL France)**

French NRL activities: Results 2008-2009 and future works".

### **Hristo Yordanov Daskalov (NRL Bulgaria)**

Presentation of the National Diagnostic and Research Veterinary Institute

### **Halina Ścieżyńska**

Activity of Reference Laboratory for *Escherichia coli* for Food in Poland

## **Invited speakers**

### **Pierre-Alexander Beloeil**

European Food Safety Authority (EFSA)  
Team on Zoonoses Data Collection  
Parma, Italy

### **Patrick Fach**

French Agency For Food Safety (AFSSA)  
Laboratory for Study & Research on Quality of Food and on Food Processes  
Maisons-Alfort cedex, France

### **Marta Rivas**

Servicio Fisiopatogenia  
INEI-ANLIS "Dr. Carlos G. Malbrán"  
Buenos Aires, Argentina

### **Flemming Scheutz**

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

**Geraldine Smith**

Gastrointestinal Infections Reference Unit  
Laboratory of Gastrointestinal Pathogens  
Gastrointestinal and Emerging Zoonotic Infections  
HPA Centre for Infections  
Colindale, London, UK

**Johanna Takkinen**

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

**Monica Ermolli**

European Commission DG JRC  
Institute for Health and Consumer Protection  
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