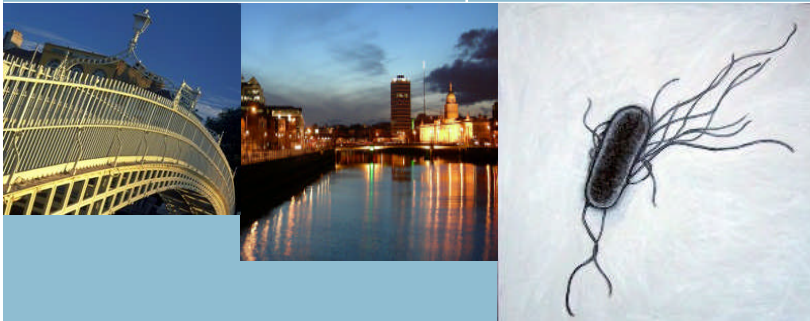


International Conference

The Control and Management of  
Pathogenic *E. coli*



Dublin, Ireland  
September 17<sup>th</sup>-18<sup>th</sup>, 2009

**CALL FOR POSTER  
ABSTRACTS**



SIXTH FRAMEWORK  
PROGRAMME

**Pathogenic *Escherichia coli* Network (PEN)**

**Co-ordination Action**

**FOOD-CT-036256**

**Funded by the European Commission under the 6<sup>th</sup>  
Framework Programme, Priority 5 - Food Quality and  
Safety**



# The Control and Management of Pathogenic *Escherichia coli*

The call for oral submissions is now closed. Poster abstracts will be accepted until 15<sup>th</sup> August, 2009.

## INSTRUCTIONS

Abstracts should be submitted as an email attachment to the PEN executive manager at: [clodagh.oneill@teagasc.ie](mailto:clodagh.oneill@teagasc.ie)

Abstracts should be in Arial 11pt, left aligned with single spacing and should not exceed 500 words (one A4 page).

All abstracts should be in English and should include each author's full name, affiliation, address, telephone, fax and email address. The name of the author presenting the contribution should be underlined.

Deadline for submission of abstracts for poster presentation is **15<sup>th</sup> August, 2009**. Poster abstract submissions on all aspects of pathogenic *E. coli* research will be considered.

Deadline for registration is 24<sup>th</sup> August, 2009.

**These deadlines will be strictly adhered to.**

## REGISTRATION

Registrations are now being accepted. Those wishing to participate may do so by using the attached registration form or the form online at [www.pen-europe.eu](http://www.pen-europe.eu).

Participant registration fee: €250

Student registration fee: €150

The conference fee includes lunch, refreshments, conference materials and conference dinner. Hotel accommodation is not included in the registration fee.

A list of suggested hotels can be found on the PEN website ([www.pen-europe.eu](http://www.pen-europe.eu)).

## LANGUAGE

All the proceedings will be in English and translations will not be provided.

## DATE AND VENUE

**Dublin, Ireland, 17<sup>th</sup>-18<sup>th</sup> September, 2009.**

The conference will take place at Ashtown Food Research Centre, Dublin. Please consult the PEN website [www.pen-europe.eu](http://www.pen-europe.eu) for more details.

## ORGANISING COMMITTEE

This conference will be organised by Teagasc – Ashtown Food Research Centre, and the PEN Management Committee:

**Dr. Declan Bolton** (Co-ordinator), Teagasc-Ashtown Food Research Centre

**Dr. Geraldine Duffy** (Chair), Teagasc-Ashtown Food Research Centre

**Ms. Clodagh O'Neill** (Executive Manager), Teagasc-Ashtown Food Research Centre

**Dr. Sven Löfdahl**, Swedish Institute for Infectious Disease Control

**Dr. Chris Baylis**, Campden BRI

**Dr. Stefano Morabito**, Istituto Superiore di Sanità

**Dr. Rosangela Tozzoli**, Istituto Superiore di Sanità

**Prof. Yngvild Wasteson**, Norwegian School of Veterinary Science.

# Provisional Conference Programme

Thursday 17<sup>th</sup> September

08:00 09:00 Registration

Chair: Declan Bolton, Teagasc-Ashtown Food Research Centre, Ireland

09:00 10:20 Welcome and Introduction  
Brendan Smith TD, Minister for Agriculture Fisheries and Food, Ireland  
Gerry Boyle, Director, Teagasc, Ireland  
Head of Centre/ Head of Food Research Programme  
Declan Bolton, Ashtown Food Research Centre, Teagasc

10:20 11:00 Keynote Address: *Escherichia coli* O157:H7: Lessons Learnt  
Hugh Pennington  
University of Aberdeen, Scotland

11:00 11:30 Tea/coffee & poster session

Session 1: Control on the farm

Chair: Geraldine Duffy, AFRC, Ireland

11:30 12:00 Serotypes and virulence genes of farm and abattoir VTEC  
Declan Bolton  
Ashtown Food Research Centre, Ireland

12:00 12:30 Evidence-based VTEC control on cattle farms  
Johanne Ellis-Iversen  
Veterinary Laboratories Agency, UK

12:30 13:00 Comparison of characterised antimicrobial resistance among Shiga-toxin producing *Escherichia coli* strains isolated from Irish cattle farms and abattoirs  
Carrie-Ann Kennedy  
University College Dublin, Ireland

13:00 14:00 Lunch and posters

Session 2: Control in the abattoir

Chair: Yngvild Wasteson, Norwegian School of Veterinary Science

14:00 14:30 A systematic approach to control *E. coli* O157:H7 in the red meat supply  
Mohammed Koohmaraie  
IEH Laboratories & Consulting Group, USA

14:30 15:00 Progress in the control of VTEC in the abattoir  
John Sofos  
Colorado State University, USA

15:00 15:30 To be confirmed  
Mary Howell  
Food Standards Agency, UK

15:30 16:00 Tea/coffee and poster session

Session 3: Control in the food chain

Chair: Chris Baylis, Campden BRI, UK

16:00 16:30 Non-O157 Shiga Toxin-Producing *Escherichia coli*: Detection and Characterization  
Pina Fratimico  
USDA - ARS - ERRC, USA

16:30 17:00 Control of VTEC in beef chain using novel biocontrol agents  
Geraldine Duffy  
Ashtown Food Research Centre, Ireland

17:00 17:30 To be confirmed  
Fiona Thomson-Carter  
Institute of Environmental Research and Science Ltd (ESR), New Zealand

17:30 Close of Day 1

Friday 18<sup>th</sup> September

Session 4: Vaccines and Probiotics

Chair: David McDowell, University of Ulster, Northern Ireland

09:00 09:30 To be confirmed  
Todd Calloway  
USDA-ARS-SPARC, USA

09:30 10:00 Shiga Toxoids and Anti-Toxins  
Allison O'Brien  
Uniformed Services University of the Health Sciences, USA

10:00 10:30 Vaccines against enteric *E. coli*?  
Nils Carlin  
SBL Vaccines, Sweden

10:30 11:00 Tea/Coffee and poster session

Session 5: Outbreak and laboratory control

Chair: Declan Bolton, Teagasc-Ashtown Food Research Centre, Ireland

11:00 11:30 The significance of appropriate detection- and typing methods for surveillance of  
*E. coli*  
Flemming Scheutz  
Statens Serum Institute, Denmark

11:30 12:00 To be confirmed  
Sarah O'Brien  
University of Manchester, UK

12:00 12:30 To be confirmed  
Geraldine Smith  
Health Protection Agency, UK

12:30 13:00 To be confirmed  
Paul Mc Keown  
Health Protection Surveillance Centre, Ireland

13:00 13:30 Clinical surveillance of haemolytic uraemic syndrome in Scotland, 2003-2008  
Kevin Pollock  
Health Protection Scotland, UK

13:30 14:30 Lunch and poster session

Session 6: Diagnostics and Clinical Control

Chair: Rosangela Tozzoli, ISS, Italy

- 14:30 15:00 To be confirmed  
Nicole CAJ van de Kar  
Radboud University Nijmegen Medical Center, The Netherlands
- 15:00 15:30 Clinical VTEC Control: A laboratory perspective  
Anne Carroll  
Public Health Laboratory, Ireland
- 15:30 16:00 Multiplex real-time PCR assays and their use in a sequential approach as a step towards molecular risk assessment of pathogenic STEC in food products.  
Jordan Madic  
Agence Française de Sécurité Sanitaire des Aliments, France
- 16:00 16:30 IS621 profiling of bovine and human O26 enterohaemorrhagic *Escherichia coli*  
Jacques Mainil  
University of Liège, Belgium
- 16:30 17:00 A low density macro-array targeting non-LEE effectors (*nle* genes) and main virulence factors of Shiga toxin-encoding *Escherichia coli* (STEC) as a new approach for the molecular risk assessment of STEC isolates  
Marie Bugarel  
Agence Française de Sécurité Sanitaire des Aliments, France
- 17:00 Student presentation prizes and meeting close - Declan Bolton

# REGISTRATION FORM

Please photocopy this form and fill in using BLOCK CAPITALS

TITLE: Prof.  Dr.  Mr.  Ms.

FIRST NAME: \_\_\_\_\_

LAST NAME: \_\_\_\_\_

ORGANISATION: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_

FULL CONTACT ADDRESS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

FAX: \_\_\_\_\_

EMAIL: \_\_\_\_\_

STUDENT\*: Yes  No

SPECIAL DIETARY REQUIREMENTS:

\_\_\_\_\_

## PAYMENT

PARTICIPANT FEE  €250

STUDENT FEE  €150

Option 1: I enclose a cheque/bank draft payable to Teagasc

Option 2: I wish to pay by bank transfer. Our bank details will be forwarded to you (**Electronic payments should be clearly marked with 'PEN' and your surname**)

Option 3: I wish to be invoiced for the due amount (**please provide a purchase order number**)

Please return completed registration to:

Ms. Clodagh O'Neill, Teagasc- Ashtown Food Research Centre, Ashtown, Dublin 15, Ireland.

**\*Students must include a letter from their supervisor confirming full time student status**

*PEN partners do not need to pay registration*

## CONTACTS

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