



Programme



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Programme information is available at:
www.foodprotection.org

In collaboration with ILSI Europe and the Society for Applied Microbiology. With the technical cooperation of the Food and Agricultural Organization of the United Nations.

Symposium held
at The Hotel ReeHorst

Ede, The Netherlands :: 18-20 May 2011

Advancing Food Safety Worldwide®



Speakers

Dr. Wayne Anderson
Food Safety Authority of Ireland
Ireland

Dr. John Bassett
Unilever, SEAC
United Kingdom

Dr. David Bean
Mars Snack Food
The Netherlands

Dr. Roy Betts
Campden BRI
United Kingdom

Prof. Anders Miki Bojesen
University of Copenhagen
Denmark

Dr. François Bourdichon
Danone Food Safety Centre
France

Dr. Robert Buchanan
University of Maryland
United States

Dr. Paul Cook
Food Standards Agency
United Kingdom

Ir. Joost de Jong
Food and Consumer Product Safety Authority
The Netherlands

Dr. Eric Evers
National Institute for Public Health
and the Environment (RIVM)
The Netherlands

Prof. Seamus Fanning
University College Dublin
Ireland

Dr. Eelco Franz
National Institute for Public Health
and the Environment (RIVM)
The Netherlands

Dr. Kazuko Fukushima
World Health Organization
Switzerland

Dr. Fiona Gilligan
safefood
Ireland

Mr. Jack Guzewich
U.S. Food and Drug Administration
United States

Prof. Dr. Arie Havelaar
National Institute for Public Health
and the Environment (RIVM)
The Netherlands

Dr. Liesbeth Jacxsens
Ghent University
Belgium

Dr. Lee-Ann Jaykus
North Carolina State University
United States

Dr. Frans Kampers
Wageningen University
The Netherlands

Dr. Marion Koopmans
National Institute of Public Health
and the Environment (RIVM)
The Netherlands

Dr. Danilo Lo-Fo-Wong
World Health Organization
Switzerland

Dr. Fabienne Loisy-Hamon
CEERAM
France

Dr. Peter McClure
Unilever
United Kingdom

Dr. Hubert Noteborn
Food and Consumer Product Safety Authority
The Netherlands

Dr. Pradip Patel
bioMerieux
France

Dr. Tobin Robinson
European Food Safety Authority
Italy

Dr. Wim Schreuders
Food and Consumer Product Safety Authority
The Netherlands

Prof. Dr. Mieke Uyttendaele
Ghent University
Belgium

Dr. Rian van der Doelen
Mars Snack Food
The Netherlands

Dr. Jacob van Klaveren
National Institute of Public Health
and the Environment (RIVM)
The Netherlands

Dr. B.M.J. van der Meulen
Wageningen University
The Netherlands

Dr. Rachel Ward
PepsiCo Europe
United Kingdom

Dr. Atte von Wright
University of Eastern Finland
Finland

Dr. Sophie Zuber
Nestlé
Switzerland

Prof. Dr. Marcel Zwietering
Wageningen University
The Netherlands

Conference Organising Committee

Dr. Stefano Colombo, Chair
Silliker Group Corp. – Europe
France

Dr. Wayne Anderson
Food Safety Authority of Ireland
Ireland

Dr. Sarah Cahill
Food & Agriculture Organization of
the United Nations
Italy

Prof. Leon G.M. Gorris
Unilever
China

Dr. Christina Harzman
BIOTECON Diagnostics
Germany

Dr. Pratima Rao Jasti
ILSI Europe
Belgium

Dr. Lee-Ann Jaykus
North Carolina State University
United States

Mr. David Lloyd
University of Wales Institute,
Cardiff
United Kingdom

Mr. Alain Minelli
DuPont Qualicon – Europe
Switzerland

Dr. Margaret Patterson
Agri-Food & Biosciences Institute
Northern Ireland

Dr. Helmut Steinkamp
German Institute of Food
Technologies
Germany

Dr. Michele Storrs
bioMerieux
France

Mr. David Tharp
International Association for
Food Protection
United States

Dr. Isabel Walls
USDA - The National Institute of Food
and Agriculture
United States

Local Organising Committee

Mr. Paul in 't Veld
Food and Consumer Product
Safety Authority

Dr. Serve Notermans
Food Safety Consultancy

Dr. Diana Visser
PURAC

Prof. Marcel Zwietering
Wageningen University

Day 1 - Wednesday, 18 May 2011

08.00-17.00 Registration Open

Opening Session

Welcome Speech

Wim Schreuders, Inspector General
Food and Consumer Products Safety Authority, The Netherlands

Introduction to IAFP and Symposium

David Tharp, Executive Director
International Association for Food Protection, United States

Global Burden of Foodborne Disease

Arie Havelaar, Deputy Head of the Laboratory for Zoonoses and Environmental Microbiology
National Institute for Public Health and the Environment (RIVM), The Netherlands

Chairs: Stefano Colombo & Lee-Ann Jaykus

10.30-11.00 Coffee Break

Plenary Session

The Effect of Climate Change on Microbial Ecology and Food Safety

Lee-Ann Jaykus, Professor-Food Science and President, IAFP
North Carolina State University, United States

Sustainable Livestock, Human Health and Antimicrobial Resistance

Joost de Jong
Food and Consumer Product Safety Authority
The Netherlands

Chair: Stefano Colombo

12.00-13.30 Networking Luncheon / Exhibits

13.30-15.00

Schouwburg Room Food Safety Management

13.30 **Food Safety Management, a US Perspective**
Robert Buchanan, United States

14.00 **Management Options for Safety of Fermentation Species by FBO**
François Bourdichon, France

14.30 **Food Safety Objectives Validation**
Marcel Zwietering, The Netherlands

Chairs: John Bassett & Marcel Zwietering

Calluna Room Emerging Risks in Food, from Identification to Communication

The Development of a Process for the Identification of Emerging Risks in the Food Chain
Tobin Robinson, Italy

Apollon: An Emerging Risk Detection Support System for Food and Feed Safety
Hubert Noteborn, The Netherlands

Understanding Emerging Issues - An Industry Perspective
Rachel Ward, United Kingdom

Chair: Wayne Anderson

15.00-15.30 Coffee Break / Exhibits / Poster Presentations

15.30-17:00

Review of Outbreaks

15.30 **Difficulties in Outbreak Control: Duck Eggs and *Salmonella***
Wayne Anderson, Ireland

16.00 **Multi-state Outbreak of Human *E. coli* O145 Infections Linked to Shredded Romaine Lettuce from a Single Processing Facility**
Jack Guzewich, United States, to be presented by Robert Buchanan, United States

16.30 ***Salmonella* bareilly Outbreak in the UK Associated with Bean Sprouts**
Paul Cook, United Kingdom
Chair: Michele Storrs

Topical Microbiological Issues

Persistence and Survival of Pathogens in Dry Processing Environments
Roy Betts, United Kingdom

Impact of Microbial Distributions on Food Safety
John Bassett, United Kingdom

Measuring the Safety of the Food Chain in Belgium: Development of a Food Safety Barometer
Mieke Uyttendaele, Belgium
Chair: Marcel Zwietering

17.00-18.30 Exhibit Hall Reception

Day 2 - Thursday, 19 May 2011

08.00-17.00 Registration Open

9.00-10.30

Schouwburg Room
Foodborne Viruses

9.00 **The Role of Viruses in Foodborne Human Disease**
Marion Koopmans, The Netherlands

9.30 **Norovirus from an Industry Viewpoint**
Sophie Zuber, Switzerland

10.00 **The Challenges of Detecting Viruses in Food**
F. Loisy-Hamon, France

Chair: Mieke Uyttendaele

Calluna Room

Potential of Nanotechnology for Food Applications

Nanotechnology: Potential for the Food Industry
Frans Kampers, The Netherlands

Trends in Nanotechnology-based Diagnostics: An Overview
Pradip Patel, France

Models of Regulation for Food Application of Nanotechnologies
B.M.J. van der Meulen, The Netherlands

Chairs: Pradip Patel & Stefano Colombo

10.30-11.00 Coffee Break / Exhibits / Poster Presentations

11.00-12:30

Antibiotic Resistance in the Food Chain

11.00 **Veterinary and Zoonotic Aspects Concerning Extended-spectrum Beta-lactamases (ESBL) in Poultry**
Anders Miki Bojesen, Denmark

11.30 **Probiotics and Antibiotic Resistance**
Atte von Wright, Finland

12.00 **Altered Tolerance to Biocides: Links to Antibiotic Resistance?**
Shea Fanning, Ireland

Chair: Christine Rozand

Technical Session

(see Tech Session handout for detailed information)

Robert Salter, United States
Annet Velthuis, The Netherlands
Akintayo Adisa, United Kingdom
Esther van Asselt, The Netherlands
Bob Westoff, United States
Eelco Franz, The Netherlands

Chair: Lee-Ann Jaykus

12.30-14.00 Networking Luncheon / Exhibits

14.00-15.30

Risk Assessment

14.00 **A Swift QMRA Microbiological Risk Assessment (SQMRA) Tool**
Eric Evers, The Netherlands

14.30 **FAO/WHO Web-based Decision Support Tool to Assess the Performance of Microbiological Sampling Plans**
Kazuko Fukushima, Switzerland

15.00 **An Integral Model for Safety, Quality and Logistic Performance for Leafy Vegetables**
Eelco Franz, The Netherlands

Chair: Paul in't Veld

Technical Session

(see Tech Session handout for detailed information)

Dagmar Schoder, Austria
Nicoletta Belletti, Spain
Florence Postollec, France
Ine V. Fels-Klerx, The Netherlands
Louis Coroller, France
Robert Salter, USA

Chair: Stefano Colombo

15.30-16.00 Coffee Break / Exhibits / Poster Presentations

16.00-17.30

Food Safety Initiatives

16.00 **FP7 EU Vegi-trade: Selection of Case Studies Based on the Vulnerability of Fresh Produce to Food Safety Hazards and Climate Change in a Globalized World**
Liesbeth Jacxsens, Belgium

16.30 **ACROPOLIS Project: Cumulative Risk of Pesticides**
Jacob van Klaveren, The Netherlands

17.00 **STEC - United States Update**
To Be Determined

Chair: Seamus Fanning

Food Safety Education - Food Safety for School Children

Changing Needs for Food Safety Education: An Academic Perspective
Lee-Ann Jaykus, United States

Food Safety Training in Developing Countries: The ICD Experience
Peter McClure, United Kingdom

Safe Food for Life: Food Safety Skills for School Children
Fiona Gilligan, Ireland

Chair: Wayne Anderson

18.00-20.30 Conference Dinner

Day 3 - Friday, 20 May 2011

08.00-12.00 **Registration Open**

09.00-10.30

Young Scientists Technical Session

(see Tech Session handout for detailed information)

Orla Condell, Ireland
Peter Rossmann, Austria
Irene Ruckerl, Austria
Noémie Desriac, Belgium
Inge Van der Linden, Belgium
Melanie De Vocht, Belgium

Chair: Christina Harzman

10.30-11.00 Coffee Break / Exhibits / Poster Presentations

11.00-13.00

Closing Session

11.00

Global Foodborne Infections Network (GFN)

Danilo Lo-Fo-Wong, Switzerland

11.45

Food Quality and Safety from a Food Industry Perspective

Rian van der Doelen and David Bean,
The Netherlands

12.30

Wrap-up of Symposium Poster and Technical Awards

Chairs: Stefano Colombo & Lee-Ann Jaykus

13.00-14.00

Farewell Refreshments/Exhibits

POSTER SESSIONS AND HOURS

Two poster sessions will take place on the following schedule:

Poster Session 1 – Posters will be on display from 12.00 Wednesday, 18 May through 11.00 Thursday, 19 May. Authors will be present during the coffee breaks Wednesday afternoon and Thursday morning.

Poster Session 2 – Posters will be on display from 12.00 Thursday, 19 May through 11.00 Friday, 20 May. Authors will be present during the coffee breaks Thursday afternoon and Friday morning.



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Thursday Evening Event

Join your colleagues for dinner and entertainment at the IAFP Evening Event! Thursday, 19 May 2011 18.00-20.30 ReeHorst Hotel

Attendees will be welcomed with a glass of Prosecco by the ReeHorst Bonbonnière (a lady in costume). After that, drinks will be served, followed by dinner. Enjoy the ReeHorst's resident pianist, Irene Hartkamp in the restaurant Valentino. Have your portrait drawn by caricaturist Thijs in the Brasserie.

