Conference ‘Future challenges to microbial food safety’
Monday June 9th – Thursday June 12th 2008

Programme

Monday June 9th

9.00 – 14.00  Registration Tea, coffee
12.00 – 13.30  Lunch
13.30 – 14.30  Opening session
   Dr. Hubert Deluyker, Director of Scientific Cooperation and Assistance
   European Food Safety Authority, Parma, Italy
   Dr. Evert Schouten
   Director, Office for Risk Assessment, Netherlands Food and Consumer
   Product Safety Authority (VWA), Den Haag, The Netherlands
   Dr. Benno ter Kuile
   Office for Risk Assessment, VWA, Den Haag, The Netherlands
14.30 - 14.45  Coffee/Tea break

Session I. Chair  Dr. Arie Havelaar, RIVM, Bilthoven, the Netherlands

14.45 – 15.15  Making the connections for emerging infections; the critical role of
   epidemiological investigations
   Dr. Rob Tauxe
   Division of Foodborne, Bacterial and Mycotic Diseases, CDC, Atlanta
15.15 – 15.45  Current challenges to microbial food safety - estimating the global
   burden of foodborne diseases
   Dr. Claudia Stein
   Food Safety, Zoonoses and Foodborne Diseases (FOS), World Health
   Organization, Geneva, Switzerland
15.45 – 16.15  Coffee/tea break
16.15 – 16.45 Foodborne diseases- the challenges of 20 years ago still persist  
**Dr. Diane Newell**  
Food and Environmental Safety, Veterinary laboratories Agency, Weybridge, United Kingdom

16.45 – 17.15 Viruses from obscurity to central stage?  
**Dr. Marion Koopmans**  
National Institute for Public Health and the Environment (RIVM), Center for Infectious Disease Control, Bilthoven, The Netherlands

17.15 – 17.45 "Microbiological Food Safety Threats: What have we learned and what's in the future?  
**Dr. Mike Doyle**  
Center for Food Safety, University of Georgia, Griffin, USA

18.30 – 19.30 Welcome reception

19.30 Dinner in the hotel

**Tuesday June 10th**  
**Session II. Chair Dr. Stanley Brul, University of Amsterdam, the Netherlands**

8.45 – 9.15 The threat of antibiotic resistance in the food chain for human health  
**Dr. Hilde Kruse**  
Regional Office for Europe, World Health Organization, Rome, Italy

9.15 – 9.45 The physiology of foodborne pathogens can influence the likelihood and outcome of infection.  
**Dr. Colin Hill**  
Microbiology Department, Alimentary Pharmabiotic Centre, University College Cork, Ireland

9.45 – 10.15 Trends and new developments in food technology  
**Dr. Martin Cole**  
National Center for Food Safety & Technology, Illinois Institute of Technology, Moffett IL, USA

10.15 – 10.45 Coffee / tea break

10.45 – 11.15 Trends in food trade and consumption  
**Dr. Thomas Quested**  
Operational Research, ARD, Food Standards Agency London UK

11.15 – 12.00 General discussion on changing characteristics of pathogens

12.00 Departure bus for visit to VWA – Oost in Zutphen

12.45 – 14.00 Lunch in Fort Bronsbergen
14.00 – 15.00 Lecture on VWA mode of operation
15.00 - 15.30 Visit to VWA lab for registered group
15.30 – 18.30 Guided tour and free visit of the old town of Zutphen
18.30 Departure bus back to hotel
19.30 Dinner in the hotel

For the authors contributing papers
21.00 Discussion on symposium proceedings in the hotel

Wednesday June 11th

Session III. Chair Dr. Marcel Zwietering, Wageningen University, the Netherlands

8.45 – 9.15 Molecular direct quantification of pathogens
  Dr. Martin Wagner
  Veterinärmedizinische Universität Wien, Institut für Milchhygiene, Milchtechnologie und Lebenmittelwissenschaft

9.15 – 9.45 Data processing
  Dr. Andrea Ammon
  European Centre for Disease Prevention and Control, Stockholm, Sweden

9.45 – 10.15 Discussion on demands for analytical techniques

10.15 – 10.45 Coffee / tea break

10.45 – 11.15 Gathering and analyzing data on microbiological pathogens at the European Community level
  Dr. Pia Makela
  Unit on Zoonoses Data Collection, EFSA, Parma, Italy

11.15 – 11.45 Gathering, accessing and analyzing data to describe the quantitative microbial ecology of foods: a paradigm shift in approaches to microbial food safety management
  Dr. Tom McMeekin
  Tasmanian Institute of Agricultural Research and the School of Agricultural Science, University of Tasmania, Hobart, Tasmania, Australia

11.45 – 12.15 Bio- and Agroterrorism via the food-/feed chain: how can we cope with this?
  Dr. Bernd Appel
  Bundesinstitut für Risikobewertung – BfR Federal Institute for Risk Assessment, Berlin
12.15 – 13.30 Lunch

13.30 – 15.30 Breakout sessions: **New threats**
Convenor introduces theme in maximum 10 minutes
A – How to identify new threats? **Dr. Wim Ooms**
B – Trends in consumption that could cause new threats **Dr. Paul Cook**
C – Trends in preservation that could cause new threats **Dr. Leon Gorris**
D – Environmental and ecological factors that could cause new threats **Dr. Marcel Zwietering**
E – Modelling new threats **Dr. Arie Havelaar**

15.30 – 16.00 Coffee / tea break

16.00 – 17.30 Report from breakout sessions and discussion
Chair **Dr. Benno ter Kuile**, VWA, the Netherlands

18.00 Departure by bus to Doorwerth Castle for dinner
Hosts: **Mr André Kleinmeulman** Inspector General, VWA and **Prof. Dr. Evert Schouten**, Director Office for Risk Assessment, VWA.

22.30 Return to the hotel

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**Thursday June 12th**
Session IV. Chair **Dr Marta Hugas**, Unit on Biological Hazards, EFSA, Parma, Italy

8.45 – 9.15 Demands on modelling; translating microbial ecology and physiology into mathematical models
**Dr. Tom Ross**
Tasmanian Institute of Agricultural Research, School of Agricultural Science, University of Tasmania

9.15 – 9.45 Demands on modelling; State of the art and possible future directions in farm to fork risk assessment modelling
**Dr Didier Verloo**
Assessment Methodology Unit, EFSA, Parma, Italy

9.45 – 10.15 Combining analysis and modelling to harmonize regulation
**Dr. Bob Buchanan**
Center for Food Safety and Applied Nutrition, Food and Drug Administration, College Park, MD, USA

10.15 – 10.45 Coffee / tea break
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<th>Time</th>
<th>Session</th>
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<tr>
<td>10.45 – 12.15</td>
<td>Break-out sessions: <strong>How should food safety be organised in 2020</strong></td>
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<td>Convenor introduces theme in maximum 10 minutes</td>
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<td>F – Standardization of databases; useful, helpful?</td>
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<td>G – Demands on reporting and detection systems</td>
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<td>H – Optimal use of new analytical techniques</td>
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<td>I – What kind of controls are needed?</td>
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<td>J – Do we need a new kind of laws and regulations?</td>
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<td>K – Who is responsible for which aspects of food safety?</td>
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<td>Dr. Patrice Buche</td>
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<td>Dr. Marion Koopmans</td>
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<td>Dr. Mark Tamplin</td>
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<td>Dr. Benno ter Kuile</td>
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<td>Dr. Bob. Buchanan</td>
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<td>12.15 – 13.30</td>
<td>Lunch</td>
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<td>13.30 – 15.00</td>
<td>Report of break-out sessions and final discussion</td>
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<td>Chair Dr Dan Collins, University College Dublin, Ireland</td>
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<td>15.00</td>
<td><strong>End of conference</strong></td>
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<td>Departure by bus to railway station or to Schiphol Amsterdam Airport</td>
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Programme Scientific committee only
16.00 – 18.30 Discussions on the outcome of the conference
19.30 – 22.30 Dinner in “De Kromme Dissel”

Friday June 13th
9.00 – 12.00 Continuation of discussions
12.00 Lunch and departure

Members of the Scientific Committee
Dr. Jozsef Baranyi Dr. Bob Buchanan
Dr. Martin Cole Dr. Aamir Fazil
Dr. Leon Gorris Dr. Marta Hugas
Dr. Marion Koopmans Dr. Hilde Kruse
Dr. Peter Raspor Dr. Moez Sanaa
Dr. Don Schaffner Dr. Mark Tamplin
Dr. Rob Tauxe

The organizing committee
Stanley Brul
Arie Havelaar
Benno ter Kuile
Marcel Zwietering