



voedsel en waren autoriteit



## Conference 'Future challenges to microbial food safety'

Monday June 9<sup>th</sup> – Thursday June 12<sup>th</sup> 2008

### Programme

#### Monday June 9<sup>th</sup>

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 10<sup>th</sup>**

**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 11<sup>th</sup>**

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 Lebensmittelwissenschaft

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: <b>New threats</b> Convenor introduces theme in maximum 10 minutes A – How to identify new threats? <b>Dr. Wim Ooms</b> B – Trends in consumption that could cause new threats <b>Dr. Paul Cook</b> C – Trends in preservation that could cause new threats <b>Dr. Leon Gorris</b> D – Environmental and ecological factors that could cause new threats <b>Dr. Marcel Zwietering</b> E – Modelling new threats <b>Dr. Arie Havelaar</b>
15.30 – 16.00	Coffee / tea break
16.00 – 17.30	Report from breakout sessions and discussion Chair <b>Dr. Benno ter Kuile</b> , VWA, the Netherlands
18.00	Departure by bus to Doorwerth Castle for dinner Hosts: <b>Mr André Kleinmeulman</b> Inspector General, VWA and <b>Prof. Dr. Evert Schouten</b> , Director Office for Risk Assessment, VWA.
22.30	Return to the hotel

### Thursday June 12<sup>th</sup>

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 <b>Dr. Tom Ross</b> 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 <b>Dr Didier Verloo</b> Assessment Methodology Unit, EFSA, Parma, Italy
9.45 – 10.15	Combining analysis and modelling to harmonize regulation <b>Dr. Bob Buchanan</b> Center for Food Safety and Applied Nutrition, Food and Drug Administration, College Park, MD, USA
10.15 – 10.45	Coffee / tea break

10.45 – 12.15	Break-out sessions: <b>How should food safety be organised in 2020</b> Convenor introduces theme in maximum 10 minutes F – Standardization of databases; <b>Dr. Patrice Buche</b> useful, helpful? G – Demands on reporting and detection systems <b>Dr. Marion Koopmans</b> H – Optimal use of new analytical techniques <b>Dr. Mieke Uyttendaele</b> I – What kind of controls are needed? <b>Dr. Mark Tamplin</b> J – Do we need a new kind of laws and regulations? <b>Dr. Benno ter Kuile</b> K – Who is responsible for which aspects of food safety? <b>Dr. Bob Buchanan</b>
12.15 – 13.30	Lunch
13.30 – 15.00	Report of break-out sessions and final discussion <b>Chair Dr Dan Collins</b> , University College Dublin, Ireland
15.00	<b>End of conference</b> Departure by bus to railway station or to Schiphol Amsterdam Airport

**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 13<sup>th</sup>**

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