



FOOD MICRO 2010 - Copenhagen 30 August - 3 September

Preliminary Programme

The 22nd International ICFMH Symposium - FOOD MICRO 2010

Microbial Behaviour in the Food Chain

Monday, 30th August 2010

- 14:00 – 17:00 Registration
Venue: Bella Centre
- 19:00 – 21:00 Welcome reception
Venue: Town Hall of Copenhagen

Tuesday, 31st August 2010

- 08:00 Registration open
Venue: Bella Centre

- 09:00 – 10:00 Opening session
(Auditorium)
Chair: NN

- 09:00 – 09:10 Official opening by NN

- 09:10 – 09:20 *Centre for Advanced Food Studies (LMC)*
Jacob Holm Nielsen, LMC, Denmark

- 09:20 – 09:55 *Food safety: harvesting experience to improve health*
Jorgen Schlundt, WHO (Department of Food Safety and Zoonoses), Switzerland

- 09:55 – 10:00 *Welcome*
Wilhelm Holzappel, President of ICFMH

- 10:00 – 10:30 Coffee/tea

- 10:30 – 11:50 **Plenary Session A: Microbial behaviour in food fermentation and spoilage**
(Auditorium)
Chair: NN

- 10:30 – 11:10 *Tips on preparing food starter bacteria that live healthier and last longer*
Alexandra Gruss, INRA, France

- 11:10 – 11:50 *Production of bioactives by intestinal bacteria as a basis for explaining probiotic mechanisms*
Paul Ross, Moorepark Food Research Centre, Ireland

10:50 – 12:50	Lunch
12:50 – 14:30	Parallel sessions A1 and A2
12:50 – 14:30	Parallel session A1: Functional starter cultures (Auditorium) Chair: NN Topics: A1.1. Starter cultures, fermented foods and functional characteristics A1.2. Metabolism and regulatory networks A1.3. Genomics and mobile elements (bacteriophages, plasmids, transposons etc.)
12:50 – 13:05	Selection from abstracts
13:05 – 13:20	Selection from abstracts
13:20 – 13:35	Selection from abstracts
13:35 – 13:45	Break
13:45 – 14:00	Selection from abstracts
14:00 – 14:15	Selection from abstracts
14:15 – 14:30	Selection from abstracts
12:50 – 14:30	Parallel session A2: Microbial metabolites (Auditorium) Chair: NN Topics: A2.1. Biopreservation A2.2. Microbial metabolites and exopolysaccharides A2.3. Spoilage organisms
12:50 – 13:05	Selection from abstracts
13:05 – 13:20	Selection from abstracts
13:20 – 13:35	Selection from abstracts
13:35 – 13:45	Break
13:45 – 14:00	Selection from abstracts
14:00 – 14:15	Selection from abstracts
14:15 – 14:30	Selection from abstracts
14:30 – 17:00	Coffee/tea and Poster Session

Wednesday, 1st September 2010

09:00 – 10:20 **Plenary Session B: Microbial behaviour in adverse environments (Auditorium)**
Chair: NN

09:00 – 09:40 *(Title not yet received)*
Jay Hinton, Norwich Research Park, United Kingdom

09:40 – 10:20 *Integrated stress responses in Salmonella*
Ferric Fang, University of Washington School of Medicine, USA

10:20 – 10:50 Coffee and **Poster Session**

10:50 – 12:10 **Plenary Session C: Microbial behaviour in risk assessment (Auditorium)**
Chair: NN

10:50 – 11:30 *Modelling microbial ecology in food safety risk assessment: How much detail is needed?*
Tom Ross, University of Tasmania, Australien

11:30 – 12:10 *Risk assessment of food borne pathogens at the EU level*
Arie Havelaar, RIVM, Netherland

12:10 – 13:05 Lunch

13:05 – 14:45 **Parallel sessions B1 and C1**

13:05 – 14:45 **Parallel session B1: Microbial pathogenesis (Auditorium)**
Chair: NN

Topics:

- B1.1. Pathogenesis and virulence
 - B1.2. Microbial toxins
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13:05 – 13:20 Selection from abstracts

13:20 – 13:35 Selection from abstracts

13:35 – 13:50 Selection from abstracts

13:50 – 14:00 Break

14:00 – 14:15 Selection from abstracts

14:15 – 14:30 Selection from abstracts

14:30 – 14:45 Selection from abstracts

13:05 – 14:45 **Parallel session C1: Predictive microbiology (Auditorium)**

Chair: NN

Topics:

- C1.1. Predictive microbiology
 - C1.2. Methods for monitoring microbial activities
 - C1.3. Typing and detection methods
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13:05 – 13:20 Selection from abstracts

13:20 – 13:35 Selection from abstracts

13:35 – 13:50 Selection from abstracts

13:50 – 14:00 Break

14:00 – 14:15 Selection from abstracts

14:15 – 14:30 Selection from abstracts

14:30 – 14:45 Selection from abstracts

14:45 – 15:50 Coffee and **Poster Session**

15:50 – 17:30 **Parallel sessions B2 and C2**

15:50 – 17:30 **Parallel session B2: Microbial resistance (Auditorium)**

Chair: NN

Topics:

- B2.1. Stress response
 - B2.2. Resistance and spores
 - B2.3. Persistence and biofilm
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15:50 – 16:05 Selection from abstracts

16:05 – 16:20 Selection from abstracts

16:20 – 16:35 Selection from abstracts

16:35 – 16:45 Break

16:45 – 17:00 Selection from abstracts

17:00 – 17:15 Selection from abstracts

17:15 – 17:30 Selection from abstracts

15:50 – 17:30 **Parallel session C2: Risk assessment
(Auditorium)**

Chair: NN

Topics:

C2.1. Hazard analysis and risk assessment

C2.2. Emerging viruses and other hazards

C2.3. Epidemics, consumer protection and climate aspects

15:50 – 16:05 Selection from abstracts

16:05 – 16:20 Selection from abstracts

16:20 – 16:35 Selection from abstracts

16:35 – 16:45 Break

16:45 – 17:00 Selection from abstracts

17:00 – 17:15 Selection from abstracts

17:15 – 17:30 Selection from abstracts

19:30 – 24:00 Congress Dinner
Venue: Copenhagen

Thursday, 2nd September 2010

08:30 – 09:50 **Plenary Session D: Microbial behaviour in primary production and food processing (Auditorium)**
Chair: NN

08:30 – 09:10 *Opportunity for Mitigating Pathogen Contamination During Food Production*
Michael P. Doyle, UGA Center for Food Safety, USA

09:10 – 09:50 *New trends and challenges in food preservation*
Frank Devlieghere, Ghent University, Belgium

09:50 – 10:35 Coffee and **Poster Session**

10:35 – 11:55 **Plenary Session E: Microbial behaviour in the intestinal tract (Auditorium)**
Chair: NN

10:35 – 11:15 *Regulation of host physiology and metabolism by the gut microbiota*
Fredrik Bäckhed, University of Gothenburg, Sweden

11:15 – 11:55 *Microbial Interactions in the Intestinal Tract*
Willem de Vos, Wageningen Agricultural University, Netherland

11:55 – 12:40 Lunch

12:40 – 14:20 **Parallel sessions D1 and E1**

12:40 – 14:20 **Parallel session D1: Food production (Auditorium)**
Chair: NN

Topics:

D1.1. Primary production

D1.2. Processing technology incl. packaging

D1.3. Hygienic design

12:40 – 12:55 Selection from abstracts

12:55 – 13:10 Selection from abstracts

13:10 – 13:25 Selection from abstracts

13:25 – 13:35 Break

13:35 – 13:50 Selection from abstracts

13:50 – 14:05 Selection from abstracts

14:05 – 14:20 Selection from abstracts

12:40 – 14:20 **Parallel session E1: Human responses to gut microbiota (Auditorium)**

Chair: NN

Topics:

E1.1. Host – gut microbiota interactions

E1.2. Food - gut microbiota interactions

12:40 – 12:55 Selection from abstracts

12:55 – 13:10 Selection from abstracts

13:10 – 13:25 Selection from abstracts

13:25 – 13:35 Break

13:35 – 13:50 Selection from abstracts

13:50 – 14:05 Selection from abstracts

14:05 – 14:20 Selection from abstracts

14:20 – 14:50 Coffee and **Poster Session**

14:50 – 16:30 **Parallel sessions D2 and E2**

14:50 – 16:30 **Parallel session D2: Food preservation (Auditorium)**

Chair: NN

Topics:

D2.1. Preservation and hurdle technology

D2.2. Decontamination methods

D2.3. Single cell microbiology

14:50 – 15:05 Selection from abstracts

15:05 – 15:20 Selection from abstracts

15:20 – 15:35 Selection from abstracts

15:35 – 15:45 Break

15:45 – 16:00 Selection from abstracts

16:00 – 16:15 Selection from abstracts

16:15 – 16:30 Selection from abstracts

14:50 – 16:30 **Parallel session E2: Probiotics and intestinal interactions (Auditorium)**

Chair: NN

Topics:

E2.1. Intestinal ecology and evolution
E2.2. Prebiotics and Probiotics

14:50 – 15:05 Selection from abstracts

15:05 – 15:20 Selection from abstracts

15:20 – 15:35 Selection from abstracts

15:35 – 15:45 Break

15:45 – 16:00 Selection from abstracts

16:00 – 16:15 Selection from abstracts

16:15 – 16:30 Selection from abstracts

16:30 – 16:40 Break

**16:40 – 17:10 Closing session
(Auditorium)**

Chair: Peter Rådström, Lund University, SE

16:40 – 16:50 *Summing up*
Mogens Jakobsen, University of Copenhagen, Denmark

16:50 – 17:00 Food Micro 2012, Turkey

17:00 – 17:10 Closing remarks
Wilhelm Holzapfel, President of ICFMH,

16:40 – 18:00 Exhibition break down
Venue: Bella Centre

Friday, 3rd September 2010

09:00 – EU-seminar (PathogenCombat, ProSafeBeef, BioTracer)

