



Society for Microbial Ecology and Disease

Executive Board: **President:** *Marika Mikelsaar*; **Past-President:** *Gianfranco Donelli*; **President-Elect:** *Andrew B. Onderdoonk*; **Secretary:** *Veronica Lazar*; **Treasurer:** *Eugenia Bezirtzoglou*; **Councillors:** *Francesca Clementi, Maria Saarela, Boris Shenderov, Paola Mastrantonio, Elisa Bertazzoni Minelli, Anne Collignon*

SOMED NEWSLETTER

SPRING

2010

PRESIDENT'S MESSAGE

Dear members, colleagues and friends,

Firstly, I would like to give you the figures of the SOMED Ballot just closed on March 31st for the nomination of the President-Elect and the Secretary, the confirmation of the current Treasurer for further 2 years and the nomination of 3 new Councillors 2010-2012.

Among all the regularly paying SOMED members, 36 have expressed their preferences towards the candidates and the number of votes for each candidate result as follows:

President-Elect 2010-2012

Andrew B. Onderdoonk : 35

Secretary 2010-2014

Veronica Lazar : 26
Reet Mandar : 10

Treasurer 2010-2014

Eugenia Bezirtzoglou : 35

Councillors 2010-2012:

Elisa Bertazzoni Minelli : 24
Anne Collignon : 21
Paola Mastrantonio : 31
Elisabeth Norin : 15
Michael Wilson : 15

I would express the Society's gratitude to all members that accepted to be candidate in this ballot and welcome Marika Mikelsaar as the new SOMED President, Andrew Onderdoonk as President-Elect, Veronica Lazar as our new Secretary and the new Councillors 2010-2012 Paola Mastrantonio, Elisa Bertazzoni Minelli and Anne Collignon.

Special thanks go to Shigeru Kamiya for serving our Society as Secretary for the last 4 years and now hardly working on the organization of the 2011 SOMED meeting in Japan. I would also acknowledge the efforts of Eugenia Bezirtzoglou as SOMED Treasurer as well as for her close collaboration with me in the design and management of the SOMED webpage.

Thus, on the basis of these results, from March 2010 the Officers of the SOMED Executive Board are the followings:

President 2010-2012

Marika Mikelsaar

Past-President 2010-2012

Gianfranco Donelli

President-Elect 2008-2010

Andrew B. Onderdoonk

Secretary

Veronica Lazar

Treasurer

Eugenia Bezirtzoglou

Councillors 2008-2012

Francesca Clementi
Maria Saarela
Boris Shenderov

Councillors 2010-2012

Paola Mastrantonio
Elisa Bertazzoni Minelli
Anne Collignon

Since Andrew B. Onderdoonk, previous Councillor 2008-2012, has been appointed as President-Elect, his position will be held by Maria Saarela who was the most voted SOMED member after him in the 2008 Ballot.

I'm sure that the collaboration among all SOMED Board members will be of success.

I hope to see you all in the next XXXIII SOMED Cruise Congress that Eugenia Bezirtzoglou is organizing in Greece, September 2010.

Finally, I would like to warmly thank SOMED members who gave me their continuous and precious support and expressed their appreciation for my efforts to relaunch our Society.

Gianfranco Donelli

UPCOMING EVENTS



15th - 17th June 2010, Kosice, Slovakia

The International Probiotic Conference 2010 will be held on **15th - 17th June 2010**, in the university city of **Kosice, Slovakia**.

IPC 2010 is the oncoming event of the successful conference series focusing solely probiotics in 2000, 2004, and 2008. The scientific programme will focus on current advances in the research, production and use of probiotics and prebiotics with particular focus on their role in maintaining health and preventing diseases.

Researchers and expert scientists from research institutes and industry will present their recent findings and visions about the research, development, production, application and use of probiotics and prebiotics within the following subject areas:

- Models to Study Intestinal Interactions
- Microbiome of the GIT
- Modulation of the Intestinal Micro-flora
- Biomarkers of Probiotic Efficacy
- Mucosal Health and Integrity
- Diarrhoe Prevention
- Pediatric Nutrition
- Stimulation of the Intestinal Immune System
- Non-mucosal Interaction with the Immune System and Allergy
- Inflammatory Bowel Disease and Crohn's Disease
- Urogenital Applications
- Zoo-technical Benefits
- Mechanisms of Action
- Genetics, Functional Genomics, Metabolomics of Probiotics
- Non-LAB Probiotics - yeasts, bacilli
- Recombinant Probiotics
- Taxonomy - current issues
- Delivery Vehicles
- Quality Assurance and Stability
- Prebiotics
- Synbiotics
- Novel Strains and Approaches
- Identification, Characterisation of Strains
- Clinical Trials and Health Claim Substantiation
- Adverse Effects, Safety
- Regulatory Issues and Barriers
- Future of Probiotics and Prebiotics – Visions and Opportunities

The subject of the post-conference workshop is the regulatory framework related to health claims of probiotic foods in the European Union under the title:

Health Claim Approval of Probiotic Food in the European Union Issues, Barriers, Success Drivers - Workshop

For further information on the workshop please visit:

<http://www.probiotic-conference.net/regulatory-framework-workshop>

Further we are pleased to announce the following keynote speakers at the pre-conference symposia of IPC2010:

Gastro-intestinal Models for the Study of Probiotics and Prebiotics - Symposium

Avreljja Cencic, University of Maribor, Slovenia

Title of presentation: Application of the Gut Functional Cell Model in the Risk Assessment of *Bacillus Cereus*

Koen Venema, TNO Quality of Life, Department of BioSciences, The Netherlands

Title of presentation: Dynamic in vitro models of the GI tract - Essential tools to study the effect of pro- and/or prebiotics

Bacteriocins, Antimicrobial Proteins and Peptids - Symposium

Andrea Laukova, Institute of Animal Physiology, Slovak Academy of Sciences, Kosice, Slovakia

Title of presentation: Bacteriocins and Beneficial Effects of Bacteriocin-producing Strains

Bacillus Subtilis and Sporeformers - Symposium

Imrich Barak, Institute of Molecular Biology, Slovak Academy of Sciences, Slovakia

Title of presentation: Basic Cell Processes in Bacillus Model Organism

New confirmed keynote speakers for the main conference IPC2010:

Caroline Herody, European Food & Feed Cultures Association, Belgium

Title of presentation: The Regulatory Environment of Probiotic Foods in the European Union

Sin-Hyeog Im, Gwangju Institute of Science and Technology, Korea

Title of presentation: Probiotics as Immune Modulators - Mechanism of Action and Therapeutic Applications

Elinor Clare McCartney, EU Pen & Tec Consulting, Spain

Title of presentation: Characterisation and Safety of Probiotics - What EFSA Wants

If you are interested, who the keynote speakers are at the animal health session, please visit:

<http://www.probiotic-conference.net/animal-health-keynote-speakers>

For travel and accommodation information visit following sites:

<http://www.probiotic-conference.net/accommodation> ,

<http://www.probiotic-conference.net/travel> .

Best regards,

Tel.: +421 904 837153

+421 918 707371

Fax: +421 41 4000123

Web: www.probiotic-conference.net

E-mail: [info@probiotech.net](mailto:info@probiotic-conference.net)

PROBIOTECH 2010

Paris, June 22-23, 2010

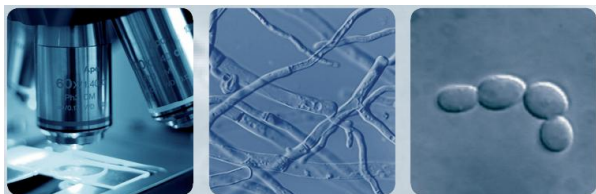


Website: <http://www.probiotech.eu/>

Contact us for more detail at probio2010@gate2tech.com

Food Micro 2010

30 August - 3 September 2010, Copenhagen, Denmark



The Danish Centre for Advanced Food Studies (LMC), Lund University and the National Society for Microbiology in Sweden look forward to welcoming you in Copenhagen in 2010!

We are planning an exciting congress with the overall theme

Microbial Behaviour in the Food Chain

Special emphasis will be on how microbes respond to changes in their environment and the congress will address applied and fundamental aspects of microbial behaviour in

- Food fermentation and spoilage
- Adverse environments
- Risk assessment
- Food production
- The intestinal tract

Food Micro 2010, held at the Bella Center in the Oresund region, will be dedicated to the renaissance of microbial physiology for the production of fresh, safe, and healthy foods.

Monday, August 30

Registration

Tuesday, August 31

Opening Session: Food safety
A: Microbial behaviour in food fermentation and spoilage
A1: Functional starter cultures A2: Microbial metabolites

Wednesday, September 1

B: Microbial behaviour in adverse environments
B1: Microbial pathogenesis B2: Microbial resistance
C: Microbial behaviour in risk assessment
C1: Predictive microbiology C2: Risk assessment

Thursday, September 2

D: Microbial behaviour in primary production and in primary production food processing
D1: Pathogens D2: Food preservation
E: Microbial behaviour in the intestinal tract
E1: Human responses to gut microbiota E2: Probiotics and intestinal interactions

Friday, September 3

EU-Seminar: PathogenCombat, ProSafeBeef, BioTracer

The FoodMicro 2010 website is under construction

www.foodmicro.dk

For more information contact:

Centre for Advanced Food Studies (LMC)
University of Copenhagen, Faculty of Life Sciences
Rolighedsvej 30, 1958 Frederiksberg C, DK
Tel: +45 3533 3228



3rd International *Clostridium difficile* Symposium

22-24, September 2010, Bled, Slovenia

International *Clostridium difficile* symposium series have started in 2003 with aim of bringing together researchers from different fields such as **epidemiology, toxinology, molecular biology, clinics, diagnostics...**

The topics are changing from meeting to meeting and are showing the evolution of *C. difficile* related interests and research.

ICDS usually has between 150 to 170 participants from more than 20 different countries from almost all continents.

The 3rd ICDS will again follow tradition of giving the **recent overview on *C. difficile*** related research and emerging topics and of setting the frame for establishing new networks.

Organizing committee

Maja Rupnik (Maribor, Slovenia), Anne Collignon (Paris, France), Michel Delmee (Brussels, Belgium), Bruno Dupuy (Paris, France), Dale Gerding (Chicago, USA), Haru Kato (Tokyo, Japan), Tom Louie (Calgary, Canada), Paola Mastrantonio (Rome, Italy), Nigel Minton (Nottingham, UK), Ian Poxton (Edinburg, UK), Tom Riley (Perth, Australia), Bo-Moon Shin (Seoul, Korea), Glen Songer (Tuscon, USA), Linc Sonnenshein (Boston, USA), Scot Weese (Guelph, Canada)

Programme

Programme will include human, veterinary and environmental aspects of:

- Epidemiology I (clinical outbreaks and infection control)
- Epidemiology II (geographical and molecular epidemiology)
- Diagnosis
- Virulence factors
- Immune response
- Antibiotic resistance
- Treatment and prevention
- Molecular biology and genetics
- Pathogenesis and pathophysiology

Planned Invited lectures will cover:

- Introduction on gut immunity
- Gut microbiota
- Classical and novel approaches in diagnostics
- Host/pathogen interactions

Important dates

Early registration	30 th June 2010
Abstract deadline	30 th June 2010
Notification on abstract acceptance	15 th July 2010
ICDS	22 nd to 24 th September 2010

Website: <http://www.mf.uni-mb.si/mikro/icds2010/>

Contact information: maja.rupnik@zzv-mb.si

Fax: 00 386 2 4500 193

XXXIII INTERNATIONAL CONGRESS OF THE SOCIETY FOR MICROBIAL ECOLOGY AND DISEASE

**CONGRESS - CRUISE ON THE ISLANDS OF
MYCONOS, PATMOS, KOUSANTASI LAND (ANCIEN
EFESSOS), RHODOS, CRETA, SANTORINI
SEPTEMBER 6-10, 2010**

It is great honor to invite you to the International Congress on Microbial Ecology in Health & Disease, that will take place on board of the cruiseship Aegean Pearl, September 6-10, 2010.

The cruise programme includes some of the most well known Greek Islands such as Cosmopolitan Myconos, Rhodes, Patmos, Crete, the fascinating island of Santorini and Ephesus and Kusadasi in Turkey.

This Congress will be the XXXIII (33th) of a series of successfully organized Congress by our Society (SOMED ,Society for Microbial ecology in Health and Disease).

The Scientific Program of the Congress will be multidisciplinary, as it collects topics from all relevant areas of Microbial ecology which are Clinical Microbial Ecology, Intestinal Microbial Ecology, Oral Microbial Ecology, Food Microbial Ecology, Environmental Microbial Ecology and Water Microbial Ecology, running an extent range from basic and applied microbial ecology science to state-of-art lectures bringing solutions and answers in all different fields.

Lectures by internationally known faculty scientists and experts will contribute to the expansion of both an effective knowledge on the domain of microbial ecology together with the stimulation of the partnerships and scientific approach as participants are coming from many different countries.

We are looking forward to see you on our cruiseship, working with you on the different aspects of microbial ecology.

Eugenia Bezirtzoglou,MD,PhD
Professor in Microbiology
Democritus University of Thrace

1st day: CLINICAL MICROBIAL ECOLOGY

Morning session

Relevant Perspectives in Clinical Microbial Ecology

Chairpersons: Sydney Finegold and George Creatsas

Sydney Finegold, UCLA, VA Veterans Laboratory of Anaerobic Bacteria, Los Angeles, USA
State of Art: Microbiology in Health and Disease

George Creatsas, National and Kapodestrian University of Athens, Medical School, Athens, Greece
Vulvo-vaginitis in young children

Andrew Onderdonk, Harvard University, Medical School, Department of Pathology, Brigham and Women's Hospital, Channel Microbiology Laboratory, Boston, USA
Role of bacteria in extremely low gestational infants

Paola Mastrantonio, Istituto Superiore di Sanita, Rome, Italy
Role of anaerobes in transplant patients

Marie-Bénédicte Romond, Université de Lille II, Faculté de Pharmacie, Laboratoire de Microbiologie, Lille, France
Selective decontamination by antimicrobials during long term treatment /Perspectives for saving host indigenous microbiota.

Mehmet Doganay, University of Kayseri, Medical School, Department of Infectious Diseases, Kayseri, Turkey
Antibiotic resistance problem in Intensive Care Units

Ekaterina Charvalos, Technological Institute of Athens, Department of Microbiology, Athens, Greece
Climate changes, environment and infection

Discussion

Afternoon session

Microbial Ecology perspectives in Molecular Biology

Chairpersons: Gjalt Welling and Michiel Kleerebezem

Gjalt Welling, University of Groningen, Medical School, Groningen, The Netherlands

Catching the intestinal microflora by FISH

Michiel Kleerebezem, Wageningen University, Wageningen, The Netherlands

Metagenomics and Metabolomics

Miltiadis Typas, National and Kapodestrian University of Athens, Biology Department, Athens, Greece

Transcriptomics in Microbial Ecology: Genome analysis of *Zymomonas* strains and the construction of the pangenome of the genus.

Boris Shenderov, Gabrichevsky Moscow Research Institute of Epidemiology and Microbiology, Moscow, Russia
Molecular languages of probiotic bacteria

Discussion

Oral and poster presentations in clinical microbial ecology

2nd day: MICROBIAL BIOFILMS AND ORAL ECOLOGY

Morning session

Session 1: Microbial Biofilms

Chairpersons: Gianfranco Donelli and Veronica Lazar

Gianfranco Donelli, IRCCS – Fondazione Santa Lucia, Microbial Biofilm Laboratory, Rome, Italy
Microbial biofilms: open issues and perspectives

Jon Pratten, University College London Hospitals, London, UK
Laboratory modelling of oral biofilms

Veronica Lazar, University of Bucharest, Faculty of Biology, Bucharest, Romania
Quorum sensing in biofilms

Session 2: Oral Microbial Ecology

Chairpersons: Michael Wilson and Derren Ready

David Spratt, UCL Eastman Dental Institute, London, UK
Oral Microbial ecology in health and disease

Derren Ready, University College London
Clinical oral microbiology - new directions

Michael Wilson, UCL Eastman Dental Institute, University College London, Division of Microbial Diseases, London, UK
Light-activated antimicrobial agents for the treatment of periodontitis

Discussion

Oral and poster presentations in dental microbial ecology

3rd day: FOOD MICROBIAL ECOLOGY

Morning session

Session 1: *Alternative approaches to combat endogenous hospital infections by modulating of host microbiota*

Chairpersons: **Tore Midtvedt** and **Marika Mikelsaar**

Tore Midtvedt, *Karolinka Institutet, Department of Medical Microbial Ecology, Stockholm, Sweden*

Patient's own colonization resistance. Can it be improved or destroyed?

Marika Mikelsaar, *University of Tartu, Department of Medical Microbiology, Tartu, Estonia*

Human microbial ecology, environmental, medical and nutritional factors.

Eugenia Bezirtzoglou, *Democritus University of Thrace, Department of Food Science and Technology*

Probiotic impact of the newborn and young children intestinal microflora.

Elisabeth Norin, *Karolinka Institutet, Department of Tumor Biology and Microbiology Ecology, Stockholm, Sweden*

Probiotics as biotherapeutics

Christine Edwards, *University of Glasgow, Division of Developmental Medicine, Human Nutrition Department, Edinburgh, UK*

Probiotics, prebiotics and infection in infants and children

Session 2: *Important questions on food hygiene plus probiotics, prebiotics, synbiotics approaches*

Chairpersons : **Arthur Ouwehand** and **Francesca Clementi**

Francesca Clementi, *Polytechnic University of Marche, Department of Food Science, Ancona, Italy*

Antibiotic resistance in food

Arthur Ouwehand, *Danisco Health and Nutrition, Kantaui, Finland*

Lactic acid bacteria aspects in food

Yannis Kourkoutas, *Democritus University of Thrace, Department of Molecular Biology & Genetics, Alexandroupolis, Greece*

Probiotic potential of *Lactobacillus casei* ATCC 393: Gastrointestinal survival and modulation of intestinal microbial flora in Wistar rats.

Discussion

Oral and poster presentations in food microbial ecology

4th day: ENVIRONMENTAL MICROBIAL ECOLOGY

Morning session

Session : *Environmental flora and foodborne pathogens*

Chairpersons: **Sevastianos Roussos** and **Sofia Kathariou**

Sevastianos Roussos, *Université Marseille III, Institut d'Ecologie et de Paléocologie, Marseille, France*

Post-harvest microflora in olive, tomato and cereal.

Sofia Kathariou, *State University of North Carolina, Department of Food Science, Raleigh, USA*

Environmental adaptations of foodborne pathogens, regarding low temperature, disinfectants and heavy metals.

Amalia Karagouni, *National and Kapodestrian University of Athens, Biology Department, Athens, Greece*

Streptomyces as bioactive compound producers: an important genus in microbial community

Birce Mercanoglu Taban, *Gazi University, Vocational School of Health Services, Ankara, Turkey*

Do leafy green vegetables and ready to eat salads carry a risk of foodborne pathogens.

Discussion

Oral and poster presentations in environmental microbial ecology

4th day: WATER MICROBIAL ECOLOGY

Round table: *Faecal and waste bacteria in marine environment*

Chairpersons: **Maria Papapetropoulou** and **Athina Mavridou**

Maria Papapetropoulou, *University of Patras, Medical School, Laboratory of Hygiene, Patras, Greece*

Mechanisms of the creation of viable but non culturable forms of bacteria in watery environment

Athina Mavridou, *National School of Hygiene, Water Microbiology Laboratory, Athens, Greece*

Environmental factors affecting the survival of faecal bacteria in marine waters

Apostolos Vantarakis, *University of Patras, Medical School, Laboratory of Hygiene, Patras, Greece*

The role of bacteria in the source tracking of aquatic contamination

Athanassios Alexopoulos, *Democritus University of Thrace, Department of Food Science and Technology, Orestiada, Greece*

Dispersion of antibiotic resistance in aquatic ecosystems bacterial flora

Nazmiye Altintas, *Ege University, Medical School, Turkey*

Waterborne parasitic diseases and their importance

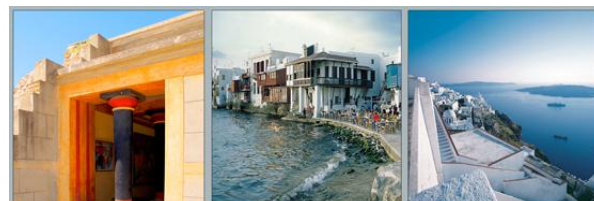
Discussion

Oral and poster presentations in water microbial ecology

The abstract deadline is May 30, 2010

Cost for congress Registration	EARLY REGISTRATION (before 30 May)	LATE REGISTRATION (after 30 May)
Academic delegates	Euro 300	Euro 350
Industrial delegates	Euro 500	Euro 600
Ph.D Students	Euro 200	Euro 250
Students	Euro 150	Euro 175

Regularly paying 2010 SOMED members will advantage of a 10% discount on the Congress registration fees



Please, for further information visit the [SOMED website](#)

SOMED MEMBERSHIP 2010 APPLICATION FORM

First name _____ Surname _____

Department _____

Institution/Company _____

Street/P.O. Box _____

Postal code _____ City _____

State _____ Country _____

Phone _____ Fax _____ E-mail _____

I authorize the inclusion of my data in the SOMED Membership Directory as above detailed.

Date _____ Signature _____

- Regular membership: EUR 40 (or USD 55)** **Corporate membership: EUR 400 (or USD 550)**
- Student membership: EUR 20 (or USD 25)** **Supporting membership: EUR 1000 (or USD 1350)**
(Please provide student status certification)

Please send your payment to the **SOMED Treasurer, Professor Eugenia Bezirtzoglou**, by:

- Bank transfer to: **EUGENIA BEZIRTZOGLOU**
PIRAEUS BANK, Athens, Greece
IBAN: GR04 0172 3510 0053 5103 0344 567 - BIC: PIRBGRAA

- By Cheque to: **EUGENIA BEZIRTZOGLOU**

Please send the cheque by registered mail to: **Prof. Eugenia Bezirtzoglou**
Faculty of Agricultural Development
Dept. Food Science and Technology
Democritus University of Thrace
2 Fleming Street, 163 45
Ano Ilioupolis, Athens, Greece

Please fax this form to Professor Eugenia Bezirtzoglou (+30 25 52041191) and Professor Gianfranco Donelli (+39 06 49387141).