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## Society for Microbial Ecology and Disease

**Executive Board:** **President:** *Gianfranco Donelli*; **President-elect:** *Marika Mikelsaar*; **Secretary:** *Shigeru Kamiya*; **Treasurer:** *Eugenia Bezirtzoglou*; **Councillors:** *Diane Citron, Francesca Clementi, Andrew B. Onderdonk, Arthur C. Ouwehand, Boris Shenderov, Michael Wilson*

# SOMED NEWSLETTER

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SPRING

2009

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### PRESIDENT'S MESSAGE

Dear members, colleagues and friends,

I'm pleased to inform you about the content of a new initiative aimed to relaunch SOMED and MEHD.

Further, you will find here the text of the new agreement that I recently signed with Informa Healthcare for the years 2009 – 2010. In fact, as agreed with the Publisher, MEHD subscriptions as well as membership applications and renewals for 2009 will be managed directly by SOMED.

#### CALL FOR PARTICIPATION OF SOMED MEMBERS TO PANELS OF EXPERTS IN PROBIOTICS

Probiotics are today increasingly proposed as useful tools for prevention and treatment of several human diseases. Given their widespread use in both community and healthcare settings and the large differences among the available products in terms of qualitative and quantitative microbial content, a thorough understanding of their benefits vs potential risks cannot be further postponed.

As SOMED President, I believe that our Society could give a significant contribution to this important issue of particular interest for consumers.

In this regards, I would like to propose the establishment of SOMED Panels of experts on different crucial aspects of probiotic products for human use. Thus, I'm pleased to invite SOMED members expert in the below reported issues to send me an e-mail expressing their interest to join one of these Panels.

These expressions of interest must be accompanied by a short CV containing a list of selected publication in probiotics in order to single out the most experienced SOMED members that will be appointed to coordinate each Panel. The composition should be as representative as possible of the different European countries.

The coordinator after receiving written contributions by Panel experts (a maximum of 6 for each Panel), will prepare a draft of a "consensus paper" that will be discussed and agreed in a 2 days meeting that I will chair in Rome by the end of this year or early in 2010.

**Panel 1.** Monospecies and multispecies probiotic products: where is the efficacy?

**Panel 2.** Minimal microbial dose able to exert clinical effects: appropriate dosing regimens.

**Panel 3.** Health risks associated with probiotic treatments.

Each final "consensus paper" will be submitted for publication on MEHD.

Travel and accommodation expenses for final meetings of each Panel will be provided by SOMED sponsors.

I'm sure that this initiative will greatly contribute to relaunch not only our Society but also our official journal MEHD.

#### SOMED – INFORMA HEALTHCARE AGREEMENT

Agreement between **Society for Microbial Ecology and Disease** [Professor Gianfranco Donelli, SOMED President- c/o Istituto Superiore di Sanità, Viale Regina Elena 299, 00161 Rome, Italy] (hereinafter called the Society) and **Informa Healthcare AB**, P.O. Box 3255, SE-10365 Stockholm, Sweden (hereinafter called the Publisher) concerning subscriptions to **Microbial Ecology in Health and Disease** (hereinafter called the Journal).

##### §1. (members' subscription)

The Society shall secure that all members receive information about the journal subscription in the promotional material about the Society. The Society is also responsible for the collection of subscription fees from each delegate. The subscription is for the printed version of volume 21 (2009).

##### §2. (frequency)

The Publisher guarantees that each subscription per volume and year comprises four (4) regular issues.

Each volume (regular issues) comprises approximately 256 pages. Supplements, if any, are also included in the subscription.

### §3. (member list and distribution)

The Society shall provide the Publisher with an address list of members who should receive the journal at the latest on January 31<sup>st</sup> 2009. The address list shall be sent in Excel format, according to the template given by the Publisher (for required format, please see Appendix 1) Any updates (address changes, cancellations, additions) should be reported continuously and sent to the publisher's customer service contact without delay to guarantee accurate distribution of the issues.

It is the responsibility of the Publisher to ensure the correct distribution of issues to all members according to the list provided by the Society.

### §4. (members' use of the Journal)

The Publisher makes this offer on the strict condition that the Society states in its member information that such a subscription is for private use of individual members, cannot be in any way used to substitute for an existing or potential institutional subscription and the journal may not be placed in an institutional library.

### §5. (number of subscriptions)

The number of members to receive volume 21, 2009 of the journal is expected to be approximately 100.

### §6. (subscription fee)

The subscription fee for each member is EUR 40 for the 2009 volume. The price for the following years will be set no later than August 31<sup>st</sup> in the year preceding the publication year. Price adjustments follow changes in printing and distribution costs. Changes in the publication frequency and/or number of pages may also implicate price adjustments.

Each subscription includes regular issues and any supplements in print and online version, as well as postage and handling costs.

### §7. (payment)

The Publisher shall send the Society's treasurer an invoice at the latest on November 1<sup>st</sup> 2009, based on information provided by the Society about the number of members. The invoice should be paid 30 days after date of invoice. The invoice will be for the number of member subscriptions times the subscription fee.

### §8. (terms of agreement, notice to terminate)

This agreement between the Society and the Publisher is valid from January 1<sup>st</sup> 2009 until December 31<sup>st</sup> 2010, under the condition that Informa Healthcare is the publisher of the journal.

Notice of termination can be given by either party at least six (6) months in advance, i.e. no later than June 30<sup>th</sup> 2010. If notice is *not* given within the prescribed time, the agreement is automatically extended by one (1) year at a time.

### §9. (dispute)

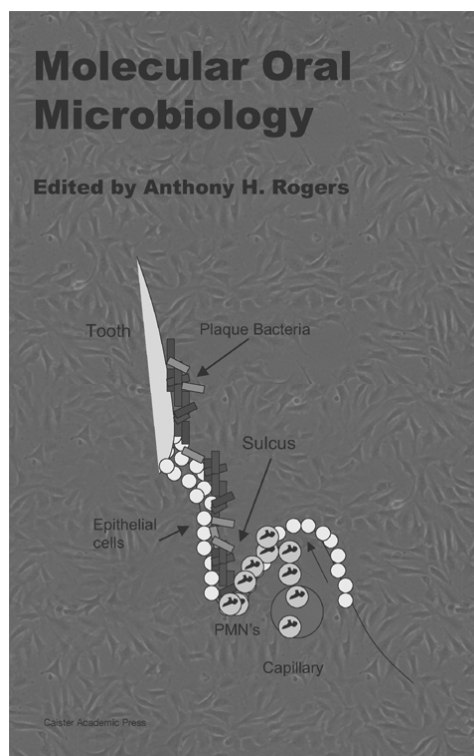
Disputes arising from this agreement which cannot be resolved by negotiations between the parties are to be settled in court according to Swedish law.

This agreement has been drawn up in two identical copies, of which the parties have each taken one copy. The persons who have signed the agreement for each party are authorised to do so.

2008 - December 31<sup>st</sup>

Gianfranco Donelli  
SOMED President

## MEDIA NEWS



### Molecular Oral Microbiology

**Edited by:** Anthony H. Rogers *University Adelaide, Australia*

**Published by:** Caister Academic Press [www.caister.com](http://www.caister.com)

**Publication Date:** February 2008

**Pages:** x + 292 pp. (+ 10 pages colour)

**ISBN** 978-1-904455-24-0 \$300/£150

A panel of experts discuss the molecular biology of microorganisms involved in the two major dental diseases: caries and periodontal disease. Research has focused on factors which might modulate the interaction between the resident oral bacteria and the host. Chapters deal with the interactions of oral micro-organisms with one another and with the host; the innate defence mechanisms of the host; and the development of vaccines against oral diseases. Topics include oral microbial taxonomy, identification and typing, applied genomics, horizontal gene transfer, cell-cell communication, cariogenic bacteria, *Aggregatibacter actinomycetemcomitans*, *Porphyromonas gingivalis*, *Treponema denticola*, host-pathogen interaction, host defense mechanisms, and vaccination against oral infections.

Essential reading for students and researchers in the field of oral biology and oral microbiology and a recommended book for all

microbiology laboratories. A recommended text for all bioscience, dentistry and medical libraries.

**Reviews:**

"well-referenced and nicely illustrated" SciTech Book News (March 2008) pp. 71.

"... a broad and comprehensive text covering the molecular aspects of dental caries and periodontal disease. Accompanying each of the fully referenced chapters are detailed illustrations and the inclusion of high-quality colour equivalents of these figures at the end of the book is welcome. ... of value to all microbiologists with an interest in molecular microbiology ... excellent overview of current methodologies ... appeal to dental undergraduates and postgraduates." Microbiology Today (2008).

"All of the chapters are well written, up to date and thoroughly referenced. There is also an extensive index. The book deals with the subject areas in depth and provides a wealth of information for the reader. It will be an important text for any clinician or researcher with an interest in oral microbiology." ACM News (2008) 2: 18.

**Table of Contents**

- Ch 1: Molecular Techniques in Oral Microbial Taxonomy, Identification and Typing *Sirkka Asikainen and Maribasappa Karched*
- Ch 2: Applied Genomics of Some Oral Bacteria *Stuart G. Dashper, Paul D. Veith, Ching Seng Ang, Peter S. Zilm and Eric C. Reynolds*
- Ch 3: Horizontal Gene Transfer in Oral Bacteria *Alex Mira*
- Ch 4: Cell-cell Communication in Oral Microbial Communities *Alex H. Rickard, Gilad Bachrach and David G. Davies*
- Ch 5: The Molecular Biology of Cariogenic Bacteria *Roy R. B. Russell*
- Ch 6: Molecular Windows into the Pathogenic Properties of *Aggregatibacter actinomycetemcomitans*: A Status Report with a View to the Future *Daniel H. Fine, David Figurski, Scott Kachlany and Jeffrey Kaplan*
- Ch 7: The Molecular Biology of *Porphyromonas gingivalis* *Margaret J. Duncan*
- Chapter 8: The Molecular Biology of the Survival and Virulence of *Treponema denticola* *Marie-Claude Jobin, Mohsen Amin and Richard P. Ellen*
- Ch 9: The Molecular Basis of Host-Pathogen Interaction in the Oral Cavity *Janina P. Lewis*
- Ch 10: The Molecular Basis of Host Defense Mechanisms in Oral Disease *Alex B. Berezow, Lijian Jin and Richard P. Darveau*
- Ch 11: Molecular Approaches to Vaccination Against Oral Infections *George Hajishengallis and Michael W. Russell*

For More Information, Go to: <http://www.horizonpress.com/oral2>

## Beneficial Microbes

Beneficial Microbes is a new, peer-reviewed scientific journal, issued four times a year.

The first issue will be available in 2009.

Dr. Koen Venema, TNO Quality of Life, serves as [editor-in-chief](#).

The editorial board is formed by well known experts from all over the world.

For a list of names, please visit <http://www.wageningenacademic.com/bm>.

The Journal is published by Wageningen Academic Publishers in cooperation with Bastiaanse Communication.



**Aims and scope**

Beneficial Microbes is a peer-reviewed scientific journal with a specific area of focus: the promotion of the science of microbes beneficial to the health and wellbeing of man and animal. The journal contains original research papers and critical reviews in all areas dealing with beneficial microbes in both the small and large intestine, together with opinions, a calendar of forthcoming beneficial microbes-related events and book reviews. The journal takes a multidisciplinary approach and focuses on a broad spectrum of issues, including safety aspects of pro- & prebiotics, regulatory aspects, mechanisms of action, health benefits for the host, optimal production processes, screening methods, (meta)genomics, proteomics and metabolomics, host and bacterial physiology, application, and role in health and disease in man and animal. Beneficial Microbes is intended to serve the needs of researchers and professionals from the scientific community and the food and feed industry, as well as those of policy makers and regulators.

Contributions to Beneficial Microbes must be original (research) and will be subject to peer review. Submitted papers must follow the [authors guidelines](#) to be considered for review and publication. Refereeing of papers is conducted anonymously and the identity of the referees is not disclosed.

We welcome your papers through [Manuscript Central](#). It should be noted that the first issue will become available online for free, so that likely the papers in this first issue will be downloaded quite frequently and reach a large audience. The guidelines (pdf format) can also be found on our Manuscript Central homepage under Resources - Instructions & forms.

Kind regards,

The team of Beneficial Microbes  
<http://www.wageningenacademic.com/bm>

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**Life Science is our growing business**

## FORTHCOMING EVENTS



University city of Zilina, Slovakia

The conference will be organised in a series of thematically ordered sessions. Contributions to the conference will be strictly evaluated by the members of the Scientific Committee in order to ensure a high level of scientific and/or practical quality and relevance. All contributions accepted will be assigned to a specific session. All contributions accepted and presented at the conference will be included with the official conference proceedings of Food and Function 2009.

The themes of the conference focus on the current advances in the research of nutraceuticals and functional foods, their present and future role in maintaining health and preventing diseases with particular emphasis on evidence-based benefits in the following fields: Gastrointestinal System, Cardiovascular System, Musculoskeletal System, Urogenital System, Dermatology, Immune System, Allergy, Nervous System, Cognitive System, Weight Control, Obesity, Aging, Nutrigenomics, Mechanisms of Action, Clinical Trials and Claim Substantiation, Novel approaches - Products and Benefits, Novel food and related issues, Adverse Effects, Safety, Regulatory Issues and Barriers, Future of Nutraceuticals and Functional Foods - roducts and Benefits

For further information visit:

<http://www.foodandfunction.com/>

## THE 5<sup>th</sup> INTERNATIONAL YAKULT SYMPOSIUM

### THE GUT and More Probiotic influences beyond the gut

June 18<sup>th</sup> -19<sup>th</sup> 2009

St. Olofskapel, Barbizon Palace Hotel  
Amsterdam, The Netherlands



During the 5th International Yakult Symposium the importance of gut health and its essential role in the general well-being will be highlighted. The program will depart from the digestive and defensive functions of the gut, to go into

cutting-edge research into the possible effects of microbiota 'beyond the gut' such as in oral healthcare, obesity-related diseases and general well-being. The latest findings from both fundamental mechanistic and clinical research will be presented for discussion.

The aim of this symposium is to update you on the latest and most exciting findings in the field of gut health and to open a window onto the future of this fascinating area of science.

#### Single registration

A digital registration form can be found at [www.yakultsymposium.com](http://www.yakultsymposium.com). Or follow the instructions on the registration form enclosed in this announcement.

Return the completed form by

E-mail: [info@yakultsymposium.com](mailto:info@yakultsymposium.com)

Fax: +31 (0)30 638 3990

Post: Bohn Stafleu van Loghum

Congress Department IYS 2009

Postbus 246

3990 GA Houten

The Netherlands

#### Call for Posters

Participants are invited to submit scientific contributions, which will be reviewed and selected for presentation as posters. The first, second and third prize will be selected by the scientific committee and awarded during the symposium.

Abstracts should include a title, complete names of the authors, institution and address.

Submission of abstracts must be done electronically (files should preferably be created in Microsoft Word format), either as a separate attachment of an email to [info@yakultsymposium.com](mailto:info@yakultsymposium.com) or on a CD-ROM to the Registration Desk: Bohn Stafleu van Loghum. Size of poster boards is 1m x 1.5m. Please make sure the actual poster does not exceed this size.

The deadline for submission of abstracts is April 1st. Authors of abstracts accepted for inclusion will be notified by May 1st.

#### Registration

	Till April 1 <sup>st</sup> 2009	After April 1 <sup>st</sup> 2009
Participants	€100	€150
Students including PhD students	€ 50	€ 75

Fee includes: participation in the scientific program, coffee/tea during breaks, lunches and printed materials, participation in the evening dinner.

#### Conference Venue

**NH Barbizon Palace** (1 min from Amsterdam Central Station)

**St. Olofs Chapel**

Prins Hendrikkade 59-72

1012 AD Amsterdam

The Netherlands

Tel: +31 (0)20 556 4564

Fax: +31 (0)20 624 3353

E-mail: [nhbarbizonpalace@nh-hotels.com](mailto:nhbarbizonpalace@nh-hotels.com)

Website: [www.nh-hotels.com](http://www.nh-hotels.com)



**GÖTEBORG, SWEDEN | JUNE 28 – JULY 2, 2009**



## FEMS 2009

### Advancing Microbial Knowledge

The 3rd Congress of European Microbiologists offers professionals the latest information on microbiology, an in-depth understanding of the interdependence between key fields, and a chance to discuss solutions to future challenges.

FEMS 2009, "Microbes and Man - interdependence and future challenges," features presentations by top scientists, joint symposia, satellite symposium, and a focus on [young scientists](#).

This microbiology congress, organized by [The Federation of European Microbiological Societies \(FEMS\)](#), will take place in [Gothenberg, Sweden](#), June 28-July 2, 2009.

We [welcome](#) professionals in the field to [register](#), submit their abstracts, and help advance the world of microbes!

**New Abstract Submission Deadline:  
April 27, 2009**

### Key areas to be addressed:

- Biodiversity
- Bioremediation
- Biofilms in Ecology and Medicine
- Clinical Microbiology and Pathogenesis
- Eukaryotic Microbes
- Food Microbiology
- Marine Microbiology
- Microbial Stress Responses
- Microbes in Alternative Energy Generation
- Molecular Microbiology and Genomics
- Virology

### FEMS CONGRESS HIGHLIGHTS

- Plenary lectures by leading experts in their fields
- Joint symposia with other international microbiological organizations: ASM, ESCMID, ISME, IUMS
- Awards:
  - (a) Lwoff Medal
  - (b) Jensen Award
  - (c) Congress awards for young scientists
- Inauguration of European Academy of Microbiology
- Career fair for young scientists
- Nordic Midsummer's Night Party

**KENES International**, 1-3 Rue de Chantepoulet PO Box 1726, CH-1211 Geneva 1 Switzerland,  
Tel : +41 22 908 0488, Fax : +41 22 732 2850,  
E-mail: [fems@kenes.com](mailto:fems@kenes.com)



### Organizing Committee

Gianfranco Donelli, Chair (Italy)  
Niels Højby (Denmark)  
Søren Molin (Denmark)  
Ute Römling (Sweden)  
Philip S. Stewart (USA)  
Craig Williams (UK)  
Michael Wilson (UK)

### Local Organizing Committee

Maria Pia Balice  
Iolanda Francolini  
Emilio Guaglianone  
Angelo Rossini  
Antonino Salvia  
Sandra Terziani  
Claudia Vuotto

### Scientific Secretariat

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### International Advisory Board

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### Organizing Secretariat

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E-mail: [eurobiofilms2009@ptsroma.it](mailto:eurobiofilms2009@ptsroma.it)  
Website: [www.ptsroma.it/eurobiofilms2009](http://www.ptsroma.it/eurobiofilms2009)

### General Information

EUROBIOFILMS 2009 will be held in the Congress Center of the Fondazione Santa Lucia, a large and modern research hospital located near to the most important archaeological area of Rome.



**The Santa Lucia Scientific Institute for Research, Hospitalization and Health Care**

A 500 seats Auditorium (Hall A) will be available in the Congress Center for Plenary and Keynote Lectures. Every day, just after the first coffee break, this Auditorium will be split into 2 conference rooms of 250 seats each (Hall A1 and Hall A2) to run parallel sessions/symposia.

Suitable rooms for poster display, industrial exhibitions and technical workshops will be available in a building immediately close to the Auditorium.

A shuttle bus service to reach the congress venue in the morning and come back to the hotels in the afternoon will be provided to all participants that will book their accommodation in the congress hotels. The congress venue is also served by public buses.



The Congress Auditorium

#### Welcome Message



Dear Colleagues,  
from September 2 to 5, 2009 Rome will be the fascinating venue of EUROBIOFILMS 2009, the First European Congress on Microbial Biofilms.

This event aims to provide the large number of European scientists involved in the field of microbial biofilms with a valuable forum for a multidisciplinary scientific exchange of information with colleagues coming from all over the world. The already approved ESCMID and FEMS grants will offer financial support for the participation of a number of young scientists.

The congress will join together microbiologists and specialists in infectious diseases, hygiene and public health who are investigating different aspects of bacterial and fungal biofilms.

Further, the attendance of biotechnologists, chemists and engineers will update participants on the currently available methods to control biofilms in medical, environmental and industrial systems.

The congress will be also focused on the evaluation of health and environmental risks related to the sessile mode of microbial growth in order to provide innovative responses in terms of prevention and treatment.

EUROBIOFILMS 2009 program has been developed together with the ESCMID Study Group on Biofilms to combine state of the art lectures and sessions dealing with the major issues of this fast-growing scientific area.

I look forward to welcoming you to what promise to be an educational, enjoyable and exciting meeting in Rome !

Gianfranco Donelli  
Chair, EUROBIOFILMS 2009

#### Congress Topics

Antibiotic Resistance in Biofilm-Growing Bacteria  
Biofilms in chronic wounds  
Biofilm Control Strategies and Therapeutic Approaches  
Biofilm-Based Medical Device-Related Infections  
Biofilm-Growing Bacteria in Gastrointestinal and Urogenital Tracts  
Biofilms in Industrial Systems  
Biofilms in Natural Environments  
Biofilms in orthopedic implants: from basic research to clinics  
Cardiovascular medical devices: prevention and control of biofilms  
C-di-GMP Regulation of Biofilm Phenotypes Relevant to Virulence  
Fungal Biofilms  
Host-Pathogen Interactions in Biofilm-Mediated Infections  
Imaging tools for studying microbial biofilms  
Oral Biofilms: Structure, Microbial Interactions and Development  
The Biofilm Matrix  
The Early Stages of Biofilm Development

#### Registration Fees (including VAT)

	Early Registration until June 15, 2009	Intermediate Registration until July 20, 2009	Late/On site Registration
<b>Standard Registrant*</b>	€ 600	€ 650	€ 700
<b>Young Registrant **</b>	€ 400	€ 450	€ 500
<b>Trainee Registrant ***</b>	€ 300	€ 350	€ 400
<b>Daily Registrant****</b>	€ 200	€ 250	€ 250
<b>Accompanying person*****</b>	€ 200	€ 250	€ 250

\*The **Standard, Young and Trainee Registrant** fee includes a congress bag containing the Final Program/ Abstract Book and the other congress documents as well as vouchers for the participation to the Opening Ceremony, Welcome Reception, working lunches, coffee breaks and Farewell Lunch.

\*\*To register as **Young Attendee**, the applicant must be under the age of 40 and is required to attach a copy of his/her identity card to the registration form.

\*\*\*To register as a **Trainee**, the applicant must be under the age of 30 and a copy of his/her identity card must be attached to the registration form together with a letter of his/her supervisor certifying the student status.

\*\*\*\***Daily registrants** are entitled to receive a copy of the Final Program/Abstract Book together with the vouchers for the working lunch and the coffee breaks of the day.

\*\*\*\*\*The **Accompanying Person** fee includes the participation to the Opening Ceremony, Welcome Reception and Farewell Lunch as well as a full day tour of Rome. Admittance to Scientific Sessions, Symposia and Workshops is not permitted.

**Grants available for young attendees which are members of ESCMID or members of a National Society of Microbiology belonging to FEMS**

The following attendance grants offered by ESCMID and FEMS are available:

15 ESCMID grants (EUR 400) for young attendees under 40 years old (born in 1969 or later)

FEMS grants for young attendees under 36 years old that will be assigned as follow:

- a) 15 grants for European attendees (EUR 400)
- b) 5 grants for non European attendees (EUR 600)

**Conditions to apply for a FEMS Young Scientists Meeting Grant (YSMG)**

According to the FEMS Regulations, a young scientist wishing to apply for a Meeting Attendance Grant should fill in the YSMG application form (available on: [www.fems-microbiology.org](http://www.fems-microbiology.org)) and should be:

- 1) a member of a FEMS Member Society or – in special cases - recommended by such a member;
- 2) younger than 36 years of age at the closing date of the meeting (born after September 5<sup>th</sup> 1973);
- 3) a working microbiologist;
- 4) the presenting author of an abstract.

Applicants should send to the Congress Secretariat, within March 20<sup>th</sup>, 2009, the Congress registration form, the YSMG application form, a short CV with a cover letter indicating their motivation for attending the event and a copy of their abstract to be submitted.

**Conditions to apply for an ESCMID attendance grant for young scientists**

ESCMID provides attendance grants covering the registration fee but not travel or accommodation costs. Applicants (born in 1969 or later) should send to the Congress Secretariat, within March 20<sup>th</sup>, 2009, the Congress registration form, a short CV with a cover letter indicating their motivation for attending the event and a copy of their abstract to be submitted.

**Important Dates to Remember**

<b>Applications for ESCMID and FEMS Grants</b>	<b>April 10, 2009</b>
<b>Abstract Submission Deadline **</b>	<b>April 15, 2009</b>
<b>Notification of Abstract Acceptance</b>	May 30, 2009
<b>Early Registration</b>	June 15, 2009
<b>Registration</b>	July 20, 2009
<b>Final Program</b>	July 31, 2009

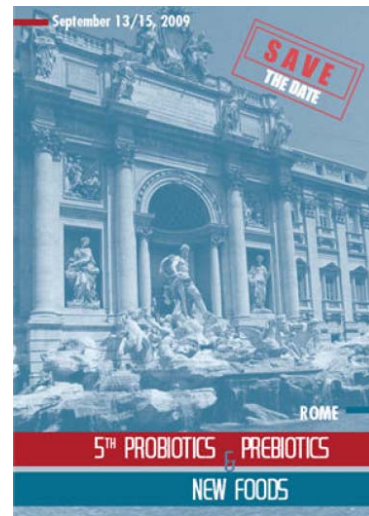
\* Authors interested in the oral presentation of their contributions are invited to register and submit their abstracts as soon as possible in order to be considered by the Organizing Committee for their possible inclusion in the Sessions or Symposia.

\*\* **Late breaking abstracts** will be accepted **until May 15, 2009** but will be considered **only for Poster presentations**.

**The scientific preliminary programme is available on:**  
[www.ptsroma.it/eurobiofilms2009](http://www.ptsroma.it/eurobiofilms2009)

## 5th PROBIOTICS, PREBIOTICS & NEW FOODS

Rome, September 13 – 15, 2009



### MAIN TOPICS

- EFSA rule for health claims in food
- Human microbioma
- Prebiotics and SCFA
- Intestinal flora, Probiotic and IBD
- Intestinal flora, Probiotic and IBS
- Intestinal flora and obesity
- Probiotics and allergy
- Cross talk between gut and brain
- Fibre and metabolic syndrome
- Glicemic index
- Antioxidants and nutrition
- Oxidative stress
- Intestinal microbiotic and nutrition homeostasis
- Phytosterules and dyslipidemia
- Probiotic and diarrhea
- Probiotics and intensive care
- Herbal remedies: drugs or dietary supplements?
- Vaginal flora and probiotics
- Cranberry and urinary infectious

For further information and updates:

[e meeting&consulting](mailto:info@emec-roma.com)

Via Michele Mercati,33

00197 Roma, Italy

Phone +39 06.80693320

Fax +39 06.3231136

[www.probiotics-prebiotics-newfood.org](http://www.probiotics-prebiotics-newfood.org)

[info@emec-roma.com](mailto:info@emec-roma.com)

[www.emec-roma.com](http://www.emec-roma.com)

## 6<sup>th</sup> CLOSTPATH International Conference “Clostridia: The Impact of Genomics on Disease Control”

**Rome, October 19-23, 2009**

For the past 14 years, the ClostPath International Conferences have been a venue for the presentation and discussion of the latest scientific news of the genus *Clostridium* and are now the leading forum for the international community to meet and discuss progress made in understanding the pathogenic clostridia and their associated diseases. Thanks to the Marie Curie Action Project and to the ESCMID sponsorship it will be possible to give young researchers the opportunity to present their work also at this Conference in Rome. It is therefore a great pleasure to welcome you to the 6th ClostPath International Conference in Rome and we look forward to seeing you all in such a unique historical setting.

### IMPORTANT DATES

**Registration Deadline** - 1st July 2009

**Abstract Submission Deadline** - 1st July 2009

**Notification of Successful EU Eligible Application** - 31st July 2009

**Notification of Accepted Oral Presentations** - 31st July 2009

**Date of Meeting** - 19-23 October 2009

### Organizing Committee

Paola Mastrantonio, Chair (Italy), Nigel Minton (UK), Bruce A. McClane (USA), Maja Rupnik (Slovenia), Rick Titball (UK), Elisabeth Nagy (Hungary), J. Glen Songer (USA), Miia Lindström (Finland), Julian Rood (Australia), Linc Sonenshein (USA)

### PRELIMINARY PROGRAMME

#### MONDAY 19th OCTOBER 2009

15:30 - 18:00 Registration

16:30 - 17:00 Welcome Address

17:00 - 18:00 Keynote Lecture - The impact of genomics on understanding clostridial pathogens - G Gottschalk - Göttingen Genomics Laboratory, Germany

18:00 - 19:30 Welcome Cocktail

#### TUESDAY 20th OCTOBER 2009

##### Session I : Molecular Epidemiology & Laboratory Diagnosis

9:00 - 9:30 - Application of molecular methods to diagnose CDI and to study its epidemiology - E. J. Kuijper

Leiden University Medical Center, The Netherlands.

9:30 - 10:30 - selected from abstracts

10:30-11:00 Coffee break

##### Session II: Clostridial Toxins

11:00 - 11:30 - The role of NetB toxin in necrotic enteritis - R. J Moore - Australian Animal Health Laboratory, Australia.

11:30 - 12:30 - selected from abstracts

12:30-14:00 Lunch

##### Session III: Host-Pathogen Interactions

14:00 - 14:30 - *Clostridium difficile* toxins A and B: progress in the understanding of their mode of action - I. Just - Hannover Medical School, Germany.

14:30 - 15:30 - selected from abstracts

15:30-16:00 Coffee break

16:00-18:00 Poster session I-IV

#### WEDNESDAY 21st OCTOBER 2009

##### Session IV: Genomics, Metabolomics & Transcriptomics

9:00 - 9:30 - Insights gained from the study of *Clostridium botulinum* genomes - T. J. Smith - USAMRIID - USA

9:30 - 10:30 - selected from abstracts

10:30-11:00 Coffee break

##### Session V: Regulation of Virulence Genes

11:00 -11:30 - Complex regulatory networks for virulence in *C.perfringens* - T. Shimizu - Kanazawa University - Japan.

11:30 - 12:30 - selected from abstracts

12:30-14:00 Lunch

##### Session VI: Veterinary Diseases and Animal Models

14:00-14:30 - Main clostridial diseases in animals - Viveca Båverud - National Veterinary Institute, Sweden

14:30 - 15:30 - selected from abstracts

15:30-16:00 Coffee break

16:00- Networking Discussions

#### THURSDAY 22nd OCTOBER 2009

##### Session VII: Treatment & Exploitation

9:00-10:30 - Clostridial neurotoxins as a platform for novel therapeutics - K. Foster - Syntaxin Limited, UK.

9:30 - 10:30 - selected from abstracts

10:30-11:00 Coffee break

##### Session VIII: Antibiotics & Disease

11:00 - 11:30 - Understanding the role of antibiotics in inducing *Clostridium difficile* infection - M. Wilcox - University of Leeds, UK.

11:30 - 12:30 - selected from abstracts

12:30-14:00 Lunch

##### Session IX: Host Immune Response & Vaccines

14:00-15:30 - Clostridia associated infections: new weapons from emerging vaccines? - I. Castagliuolo - University of Padova, Italy

14:30 - 15:30 - selected from abstracts

15:30-16:00 Coffee break

16:00-18:00 Poster session V-IX

20:00-23:00 Farewell Dinner

#### FRIDAY 23rd OCTOBER 2009

9:30-11:00 Special Public Session – S.L. Gorbach, Tufts University, Boston, USA; P. Mastrantonio, Istituto Superiore di Sanità, Rome, Italy; Nigel Minton, University of Nottingham, UK

12:00 – Close

### For further information:

Website: <http://www.clostridia.net/rome/index.html>

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# XXXII International Congress of the Society for Microbial Ecology and Disease

October 28–30, 2009, St. Petersburg, Russia  
Anichkov Palace, Nevsky Prospect, 39

## Congress Official Information

### International Executive Committee:

E. Tkachenko (Russia) – Congress President  
G. Donelli (Italy) – SOMED President, Congress Co-President  
B. Shenderov (Russia) – Chairman of Congress Scientific Committee, Congress Co-President  
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### International Advisory Board:

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### Congress Secretariat:

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### Official organizers:

Gastro Ltd. (St. Petersburg, Russia)  
Oasis Ltd. – Travel, Air and Congress Service (St. Petersburg, Russia)

## Preliminary Program

October, 28 18.30-19.30	<b>Come-together-party</b>
October, 29 08.00-09.00	<b>Registration</b>
09.00-09.15	<b>Welcome</b> G. Donelli, E. Tkachenko
09.15-12.30	<b>First Plenary Session</b> <u>Chairpersons:</u> G. Donelli, E. Tkachenko  The origin and nature of microbial inhabitants of human & their role in health and disease. <b>M. Wilson (UK)</b>  Gnotobiology: Current situation and perspectives-possible renaissance in the field of intestinal immunology and FOSHU research field. <b>Michio Komai (Japan)</b>  Nutrition, endoecology, diseases: Trophologic analysis of relationships. <b>E. Tkachenko (Russia)</b>

	<i>Saccharomyces boulardii</i> in clinical trials: Safety and effectiveness <b>M. Guslandi (Italy)</b>
	Gut microbiota & it's role in the development of drug disease. <b>J. Nicholson (UK)</b>
12.30-13.30	<i>Poster Session &amp; Lunch</i>
	<b>I. State of art of host microbiota</b>
13.30-14.45	<b>I.1. Molecular tools for investigations of host microbiota</b> <u>Chairpersons:</u> F. Clementi, A. Suvorov  Molecular tools for identifying, typing, quantifying and profiling probiotic cultures. <b>F. Clementi (Italy)</b>  Microecology of environment and human being: Mass-spectrometry and microbial markers approach. <b>G. Osipov (Russia)</b>  To be announced  To be announced
14.45-16.00	<b>I.2. Host microbiota genomics, proteomics, metabolomics</b> <u>Chairpersons:</u> M. Zeng, V. Bondarenko  Proteome of bifidobacteria <b>M. Zeng (China)</b>  Safety of natural and GM probiotic strains. <b>V. Bondarenko (Russia)</b>  Genomic analysis of <i>Bifidobacterium longum</i> strains <b>V. Danilenko (Russia)</b>  To be announced
	<b>II. Impact of microbiota on host physiology</b>
16.00-17.30	<b>II.1. Gut host microbiota &amp; nutrition in health and metabolic syndrome connected diseases</b> <u>Chairpersons:</u> L. Norin, E. Bezirtzoglou  Gut intestinal microbiota & nutrition. <b>M. Mikelsaar (Estonia)</b>  Intestinal cytochrome. <b>E. Bezirtzoglou (Greece)</b>  Intestinal cholesterol metabolism in man. <b>E. Norin (Sweden)</b>  Probiotics: Reasons behind the strain selection. <b>A. Suvorov (Russia)</b>  Personified symbiotic treatment in gastroenterology. <b>V. Simanenkova, A. Suvorov (Russia)</b>
17.30-18.30	<b>II. 2. Host microbiota &amp; immune system</b> <u>Chairpersons:</u> P. Brandtzaeg  Microbes & the gut immune system. <b>P. Brandtzaeg (Norway)</b>  To be announced  To be announced
18.30-19.30	<i>SOMED General Assembly</i> <b>G. Donelli, M. Mikelsaar, S. Kamiya, E. Bezirtzoglou</b>
20.00-22.00	<i>Dinner / Fourchette</i>
October, 30 9.00-11.00	<b>Second Plenary Session</b> <u>Chairpersons:</u> A. Onderdonk, S. Kamiya, V. Aleshkin  Microecological approaches in prevention of HIV infection and treatment of AIDS complications. <b>K.C. Anukam (Nigeria)</b>  Bird flu: Current outlook. <b>O.A. Christophersen (Norway)</b>

	<p>Healthcare-associated infections: antimicrobial-resistant bacteria in a large Italian rehabilitation hospital <b>G. Donelli (Italy)</b></p> <p>The role of bacteria in extremely low gestational age neonates: Colonization of the placenta. <b>A. Onderdonk (USA)</b></p> <p>To be announced</p>
11.00-12.30	<p><b>II. 3. Host microbiota regulation disturbances and human “diseases of civilization”</b> <i>Chairpersons: P. Mastrantonio, I. Roland</i></p> <p>Probiotics, prebiotics &amp; cancer: evidence and mechanisms. <b>I. Rowland (UK)</b></p> <p><i>Clostridium difficile</i> <b>P. Mastrantonio (Italy)</b></p> <p>To be announced</p> <p>To be announced</p>
12.30-13.30	<p><i>Poster Session &amp; Lunch</i></p>
13.30-15.00	<p><b>III.1. Probiotics, prebiotics &amp; metabiotics</b> <i>Chairpersons: G. Gibson, V. Dobritsa</i></p> <p>Probiotics: current outlook and prospects. <b>V. Dobritsa (Russia)</b></p> <p>Prebiotics: current outlook. <b>G. Gibson (UK)</b></p> <p>Probiotics &amp; health claims: how to proceed in European Union. <b>S. Salminen (Finland)</b></p> <p>Microecology and neuropsychonutritiology: Cause-and-effect paradigm. <b>E. Tkachenko, Yu. Uspenskiy (Russia)</b></p> <p>Title to be announced <b>L. Petrov (Russia)</b></p>
15.00-16.00	<p><b>III.2. Host indigenous microorganisms and prospects of their use in biotechnology</b> <i>Chairpersons: A. Ouwehand, G. Novik</i></p> <p>Probiotics: From new strain to health claim. <b>A. Ouwehand (Finland)</b></p> <p>Biologically active compounds of probiotic bacteria and their use in biotechnology and medicine. <b>G. Novik (Belarus)</b></p> <p>Substantiation of health benefits from probiotics. <b>I. Lenoir-Wijnkoop (France)</b></p> <p>To be announced</p>
16.00-17.15	<p><b>III.3. Future outlooks for scientific and applied aspects of microbial-host interaction in health and disease</b> <i>Chairpersons: M. Mikelsaar, T. Midtvedt</i></p> <p>Cross-talks between man and microbes. urgent and future topics to discuss with our friends the microbes. <b>T. Midtvedt (Sweden)</b></p> <p>Probiotics and functional foods as bases for supporting personal human being health. <b>B. Shenderov (Russia)</b></p> <p>To be announced</p> <p>To be announced</p>
17.15-19.00	<p><b>Round Table</b> <i>Antibiotics and probiotics are two sides of the same coin</i> <b>C.E. Nord (Sweden), I. Lenoir-Wijnkoop (France)</b></p>

## General Information

### Location:

St. Petersburg, Anichkov Palace, Nevsky Prospect, 39

### Official languages:

English and Russian

### Abstracts:

Abstracts should be submitted **no later than May 29, 2009**

### Poster session:

Posters will be exhibited on Thursday, October 29, 2009, and Friday, October 30, 2009, at the Congress Hall.

**Please submit your abstracts before May 29, 2009.**

One page not exceeding **250 words** written in English (it's obligatory) and in Russian at will (only as Russian version, not obligatory) will be accepted with the [Congress Registration Form](#) only by e-mail: [microbiota@peterlink.ru](mailto:microbiota@peterlink.ru).

Key word: SOMED Probiotic Congress

### Ordinary registration (without poster/abstract):

Please submit your [Congress Registration Form](#) before June 30, 2009 (for early registration) or till September 30, 2009 (registration's deadline) by e-mail: [microbiota@peterlink.ru](mailto:microbiota@peterlink.ru).  
Key word: SOMED Probiotic Congress

### Congress Registration Fees:

#### Early registration (before June 30, 2009):

SOMED Delegates: € 225

Academical delegates: € 300

Industrial delegates: € 500

Students and residents: € 150

#### Late registration (after June 30, 2009):

SOMED Delegates: € 275

Academical delegates: € 350

Industrial delegates: € 600

Students and residents: € 175

#### The Congress Fee includes:

- Attendance to all scientific sessions and workshops
- A copy of the Congress program/abstract book
- Come-together-party on October 28, 2009
- Dinner/fourchette on October 29, 2009

#### Bank details:

Information for bank transfer will be available after December 15, 2008

#### Hotel accommodation and visa support:

Please send your order for the hotel reservation **at the latest by September 30, 2009** to Oasis Company (the official agent of the Congress Organizing Committee):

Attn. Mrs. Darya Minina

Phones: +7 (812) 719-6611, +7 (812) 272-5326, +7 (812)

272-4420, +7 (812) 272-8022

Fax: +7 (812) 273-2872

E-mail: [daria@oasis.spb.ru](mailto:daria@oasis.spb.ru)

<http://www.oasis.spb.ru>

Key word: SOMED Probiotics Congress

#### Exhibition:

A professional exhibition will be held concurrently with the Congress on:

I. Diagnostic Test Systems, Instruments and Equipments for Isolation, Identification and Investigations of Host Indigenous Microflora and Its metabolic interactions with the host.

II. Probiotics, Prebiotics, Synbiotics, Metabiotics, Functional Foods & Medicines for Prophylaxis and Treatment of Opportunistic Infections and Microbial Ecology Disorders in Humans and Animals.

Please submit your request for participation in the exhibition by e-mail: [microbiota@peterlink.ru](mailto:microbiota@peterlink.ru).

**Congress Important Dates:**

Abstract submission deadline: **May 29, 2009**

Abstract acceptance notification: **September 1, 2009**

Early registration's deadline: **June 30, 2009**

Registration's deadline: **September 30, 2009**

Hotel accommodation's deadline: **September 30, 2009**

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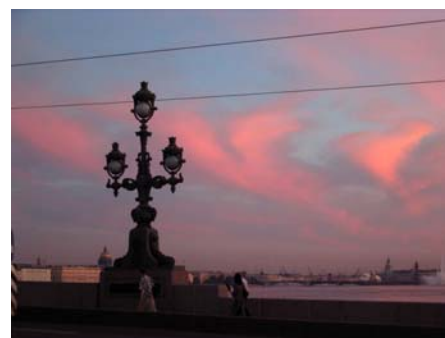
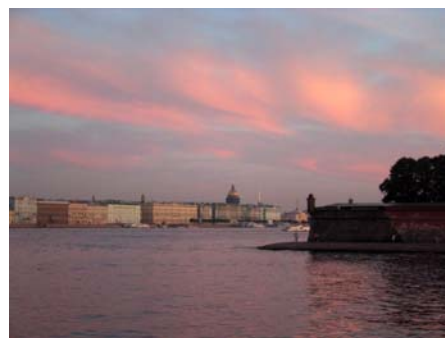
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Information in Russian will be available after January 10, 2009

on [www.microecology.ru](http://www.microecology.ru) and [www.microbiota.ru](http://www.microbiota.ru).

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Information on future meetings, courses, books and other publications as well as short commentaries on hot topics in the field of microbial ecology will be welcomed in order to be included in the next issues of the SOMED Newsletter.

Contributions can be e-mailed to the SOMED President ([gianfranco.donelli@iss.it](mailto:gianfranco.donelli@iss.it)) and/or to the SOMED Secretary ([skamiya@kyorin-u.ac.jp](mailto:skamiya@kyorin-u.ac.jp)).

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