

Society for Microbial Ecology and Disease

Executive Board: President: Andrew B. Onderdonk; Past-President: Marika Mikelsaar;

President-Elect: Elisa Bertazzoni-Minelli; Secretary: Veronica Lazar; Treasurer: Eugenia Bezirtzoglou; Councillors: Sandrine Claus, Reet Mändar, Leda Quercia Vieira, Alojz Bomba, Wendy Garrett, Athanasios Alexopoulos

SOMED NEWSLETTER

Winter 2013

SOMED President's Letter

December 2013

As we celebrate a successful meeting in Kosice and prepare for our joint meeting in June of 2014 with the Anaerobe Society of the Americas to be held in Chicago, I want to remind our members that participation in these meetings is an important part of our society's mission. Chicago will offer both an opportunity for oral presentations in the many sessions chaired by our members, as well as an opportunity to present poster displays for our colleagues. We particularly want to encourage our young scientists to participate in this meeting and to this end some funds to help defray travel expenses are available for the combined meeting. These funds will be awarded to students submitting posters for the conference.

Accompanying this newsletter is a summary of the meeting in Kosice along with digital images of the beautiful venue. I want to wish all of our members a healthy and happy holiday season and a most successful new year. We have much to look forward to in 2014.

Sincerely,

Andy Onderdonk



Post SOMED - Congress Kosice 2013 conclusions,

The pre-congress symposium was very interesting. The consortia members presented the outcomes of FP7 project aimed on the effects of antibiotic administration on the emergence and persistence of antibiotic-resistant bacteria in humans and on the composition of the indigenous microbiota at various body sites. SOMED 2013 CONGRESS fulfilled its mission to present scientific achievements and research advances in the field of microbial ecology and its relation to diseases. The meeting, which was held in the University city of Košice – European Capital of Culture 2013, was very successful and the good atmosphere also allowed participants to establish new working contacts. The organizer, Dr. Alojz Bomba

The abstracts from the Kosice meeting are accessible online. You may want to give the URL, http://www.microbecolhealthdis.net/index.php/mehd /article/view/23078

SOMED AWARDS:

It is already traditional for the SOMED Board to stimulate the young researchers and to offer symbolic awards to the most interesting and novel oral presentations. So, at this latest congress in Kosice, two young investigators have received symbolic awards; the winners were decided by vote, by all present board members. Thereafter, the **President of Congress in Kosice and SOMED Past** President - Prof. Marika Mikelsaar has explained the selection criteria." We believe that your achievements, dear winners, encourage all the other announcement: young researchers to follow their track " were the

1) Drewnowska J.M., Swiecicka I. University of Bialystok, Poland, Genetic structure and cytotoxic potential of B. cereus sensu lata from Northeastern Poland. Genetic structure by MLST typing and cytotoxic potential by cytK gene and RT-PCR method for its expression were determined in 273 isolates of Bacillus cereus sensu lata from Northeastern Poland. Her study described the ecologic diversity of B. cereus in forests, marshes and arable land strains. The human-associated isolates belonged mostly to specific genotypes while the environmental isolates appeared more diverse ensuring the division of B. cereus s.l. into two

groups yet the pathogenicity gene was intermixed among the lineages.

- This study is an example of application of good methods for intertwined ecological studies of humans and environment.
- 2) Le Roy C.I, Mappley L.J, La Ragione R.M., Woodward M.J., Claus S.P. University of Reading, UK; Infection impact of two Brachyspira pilosicoli strains on chicken feces metabolic profile. This study looked at the metabolic impact of avian intestinal spirochetosis caused by spirochaetes of the genus Brachyspira on infected chickens. Modern ¹H-NMR-based metabonomic approach coupled with multivariate statistical tools were applied to screen for infection biomarkers in the feces. The colonization with pathogen resulted in increased amounts of glucose in feces indicating a decrease in glucose absorption during infection, which may be a cause of weight loss. The spirochaete is responsible for large economic losses in agriculture in Europe.
 - This was an important microbial ecology study - showing clearly the impact of pathogens on metabolism and body weight of host, with economic impact.

Following this tradition, our President Prof. Andrew Onderdonk has just sent us this

comments by offering the them the SOMED awards: The ASA/SOMED organizing committee has obtained some funding to help support student participation in the up-coming meeting in Chicago. The funding will be given to students who submit abstracts for the meeting and is intended for use by our European community and will help defray hotel and meal costs during the meeting!

> One of our councillors, Dr. Sandrine Claus, proposed a competition for the young microbiologists:

MICROBIAL ECOLOGY in Health and Disease



Young microbiologist competition

The Society for Microbial Ecology and Disease (SOMED) in association with Co-Action publishing is pleased to announce the first "Young microbiologist competition".

This competition aims at rewarding the best undergraduate or master student in any microbiology-related field and encourage him/her to pursue an academic career. For this purpose, we will select 3 outstanding young scientists who are undergoing a research project in microbiology as part of their studies and award the finalist to publish his work free of charge into the journal of the society: Microbial Ecology in Health and Disease (MEHD).

The 3 finalists will receive free annual membership to the SOMED society and will be invited to participate to the next SOMED meeting in 2015.

All abstracts will be reviewed by an international panel of experts working at leading institutions and covering all aspects of microbiology.

Important dates

- 30th Apr 2014: deadline for abstract submission
- 31st May 2014: 3 finalists will be offered to send their full-length manuscript
- 31st Aug 2014: deadline for full-length manuscript submission
- 15th Sept 2014: Notification of the award-winning student and publication of the article in the following issue of MEHD

Who is eligible?

Any student undergoing a research project in a microbiology-related field as part of his/her studies at BSc or MSc level. The student must be first author of the article and should have made a significant contribution to the work.

How to participate?

Submit your article title, author's names and affiliations with an abstract (250 words maximum) together with a proof of registration in a microbiology degree in 2013-14, and a letter of reference from your supervisor by email to Dr Sandrine Claus (s.p.claus@reading.ac.uk). Please submit the email with 'MEHD

For more information contact Dr Sandrine Claus (+44 118 378 8717 - s.p.claus@reading.ac.uk) MEHD: http://www.microbecolhealthdis.net SOMED: http://somed.nu

MICROBIAL ECOLOGY in Health and Disease

News about SOMED Official journal, Editor-in-chief: Tore Midtvedt, Sweden'

2065 - 2012: Gut indigenous microbiota and epigenetics by Boris Arkadievich Shenderov

Published by Co-Action Publishing

Website visits:

www.microbecolhealthdis.net

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Indexing:

Academic Search Complete

Academia EDU **Biological abstracts**

The transfer of the transfer o				Adddciiiid EDO
	<u>2011</u>	2012	<u>2013 so far</u>	Chemical Abstracts Service
Visits:	622	14835	12322	Directory of Open Access Journals
				Google Scholar
Unique visi	tors:4746	11225	10161	Journal Seek
Page views:	s: 34562	40224	27385	Open J-Gate
•				PubMed Central (PMC), PubMed

2013 2012 2011 Years: Research gate

Countries: 128 132 113

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Most downloaded articles in 2011- 2013

5307 -2011: Morris Pollard, 1916-2011 by Tore Midtvedt

3015 - 2012: Poster section from suppl 1:

Abstracts from the joint 17th ISG/34th SOMED meeting in Yokohama, 19-22 may 2011 .

2734 - 2012: Do probiotic preparations for humans really have efficacy? By Marika Mikelsaar

2683 - 2012: Radiation protection following nuclear power accidents by Olav Albert Christophersen

Abstracts from the joint 17th ISG/34th SOMED meeting in Yokohama, 19-22 may 2011

2117 - 2012: Short-chain fatty acid fermentation products of the gut microbiome: implications in autism spectrum disorders by Derrick F. MacFabe

Further dissemination

Material in Microbial Ecology in Health & Disease is also further distributed by EBSCO, one of the world's largest content aggregators and research database providers, which helps link the content in the journal into the research literature. The bibliographic reference lists in all articles of Microbial Ecology in Health & Disease are included in the Open Citations Corpus.

"Open citations is a database of biomedical literature citations, harvested from the reference lists of all open access articles in PubMed Central that reference ~20% of all PubMed central papers (approx. 3.4 million papers), including all the highly cited papers 2389 - 2012: Symposium presentations section from suppl 1:in every biomedical field. All the data are freely available for download and reuse."

AIMS:

Short-term aims:

Speed up the inflow of high quality

manuscripts/thematic clusters

Attract more supplements from meetings and congresses

Indexing in MEDLINE and Scopus

Outreach campaigns to more academic specialities Article metrics

Long-term aims:

Develop MEHD into a first-choice forum for authors to publish in

Get an impact factor

Renew and rejuvenate editorial team

Cross-fertilization with other specialties (being open access!), moving the whole discipline forward

Up-coming meetings 2014:

The Joint Meeting SOMED – ASA, June 28th - July 1st, 2014, Chicago, U.S.A.

A Joint Meeting with the Society for Microbial Ecology and Disease & Anaerobe Society of the Americas, will be held at the Westin River North Hotel in Chicago, Illinois, USA.

for details, see the attached document!

The XVIII International Symposium of Gnotobiology (ISG), St. Petersburg, September 2014, http://gnotobiology.ru/en

Biomarkers Summit 2014

in San Diego, CA, on March 19-21,2014;

http://www.gtcbio.com/newsletter/bm14-w.htm

169th OMICS Group Conference

3rd International Conference and Exhibition on *Metabolomics & Systems Biology*, March 24-26, 2014 San Antonio, USA

For all SOMED members and friends, we wish you a very happy and successful New Year!



SOMED MEMBERSHIP 2014 APPLICATION FORM

First name:		Surname:		
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Institution/C	Company: Stre	eet/P.O.Box:		
Postal code:	City:	State:	Country:	
Phone:		Fax:	E-mail:	
I authorize t	he inclusion o f Date	f my data in the	e SOMED Membership Directory as above detailed. Signature	
□ Regular membership: EUR 40 (or USD 55)			□ Corporate membership: EUR 400 (or USD 550)	
□ Student membership: EUR 20 (or USD 25) (Please add student status certification)			□ Supporting membership: EUR 1000 (or USD 1350)	
Please send y	our payment to	the SOMED T	Treasurer, Professor Eugenia Bezirtzoglou, by:	
	Bank transfer	PIRA	EUGENIA BEZIRTZOGLOU PIRAEUS BANK, Athens, Greece IBAN: GR04 0172 3510 0053 5103 0344 567 - BIC: PIRBGRAA	
	By Cheque to	e: EUGI	ENIA BEZIRTZOGLOU	
		egistered mail to	Faculty of Agricultural Development Dept. Food Science and Technology Democritus University of Thrace 2 Fleming Street, 163 45 Ano Ilioupolis, Athens, Greece	
Please fax (+	<i>3</i> 0 25 5204119	1) or send by ϵ	e-mail (empezirt@yahoo.gr) this form to Prof.	

Bezirtzoglou