

# 2010 Symposium of The Danish Microbiological Society

Tuesday, November 9<sup>th</sup>, 2010



Will be held in Copenhagen on Tuesday November 9<sup>th</sup>, 2010, 9:00 - 21:00 at University of Copenhagen, Faculty of Life Sciences
Thorvaldsensvej 40, 1870 Frederiksberg C



#### **ABOUT DMS**

The Danish Microbiological Society (DMS) is a professional association working in the field of human and veterinary medical microbiology, general microbiology, food microbiology, environmental microbiology, biotechnology, and virology.

The Danish Microbiological Society is dedicated to the advancement of microbiology both as a medical and basic scientific discipline. It also promotes information for the public. These aims are achieved by organizing an annual symposium, workshops, conferences, courses in continuing education, and by taking part in current microbiology debates.

Are you working in the field of human or veterinary medical microbiology, in food microbiology, environmental microbiology, general microbiology, or virology in a diagnostic lab, research lab, hospital or industry? If your work has to do with microorganisms or viruses, take note of the Danish Microbiological Society.

Take part in the advancement of microbiology in Denmark, and become a member of the Danish Microbiological Society.

As a member of the Danish Microbiological Society you are entitled to discounts at FEMS meetings and FEMS journals (Federation of European Microbiological Societies).



## **ABOUT the Symposium**

This symposium of the Danish Microbiological Society is a local Danish meeting in which all scientists working in different areas covered by the DMS have a chance to meet each other. Besides the oral and poster presentations, the meeting will give scientists the possibility of getting acquainted with the newest laboratory equipment and consumables presented by the companies in a technical exhibition.

The symposium will take place at the University of Copenhagen, Faculty of Life Sciences, on Nov. 9<sup>th</sup>, 2010. This timing takes advantage of a week at the University with no teaching. This allows for reasonable prices at the meeting, including the symposium dinner.



# PROGRAMME Tuesday November 9<sup>th</sup> 2010

The program is organized in two parallel tracks, each with three sessions.

8:30	Registration, poster mounting and coffee	
		MICROBIAL STEWARDS
0.00	Chair: Thomas Bjarnsholt	Chair: Jens Aamand
	9:00 <b>Thomas Bjarnsholt</b> , University of	9:00 <b>Nico Boon</b> , Ghent University: "Bacteria as
	Copenhagen: "Biofilm - An overview"	nano-engineers: Production and application of
	9:30 Claus Moser, Rigshospitalet: "The role	microbial nanoparticles"
	of biofilm in infections"	9:30 Barth F. Smets, Technical University of
	9:50 <b>Per Halkjær Nielsen</b> Aalborg	Denmark: "Exploitation and investigation of N-
	University: "The role of biofilm in nature	converting autotrophic biofilms"
	10:10 Oral presentations of 3 selected	9:50 <b>Jens Aamand</b> , Geological Survey of
	posters"	Denmark and Greenland: "Biotreatment of soil and
		drinking water resources polluted by pesticides"
		10:10 Oral presentations of 3 selected posters
10:30	Coffee, posters and technical exhibition	
11:15	FUNCTIONAL GENOMICS	E. COLI – ACTIVITY AND INTERACTIONS
	Chair: Per Halkjær Nielsen	Chair: Kenn Gerdes
	11:15 Andreas Schramm, University of	11:15 <b>Kenn Gerdes</b> , Newcastle University:
	Aarhus: "Bacterial symbionts in earthworms"	"Messenger RNA interferases are required for
	11:45 <b>Qunxin She</b> , University of	persister cell formation in E. coli"
	Copenhagen: "Regulation of chromosome	11:45 Ditlev Brodersen Aarhus University:
	replication in Archaea"	"Understanding the structure and function of the E.
	12:05 Kåre Lehmann Nielsen, Aalborg	coli mRNA interferase RelE on and off the
	University: "Novel approach for meta-	ribosome".
	transcriptomic analysis of bacterial communities"	12:05 Sine Lo Svenningsen, Copenhagen
	12:25 Oral presentations of 3 selected posters	University: "Altered interactions between E. coli and bacteriophage lambda in crowded environ-
	12.25 Oral presentations of 5 selected posters	ments"
		12:25 Oral presentations of 3 selected posters
12:45	Poster, lunch and technical exhibition	
14:45	EXTREMOPHILES	FOOD MICROBIOLOGY
	Chair: Peter Stougaard	Chair: Søren Aabo
	14:45 Gisle Vestergaard, University of	14: 45 <b>Tom Ross</b> , University of Tasmania. <i>Risk</i>
	Copenhagen. "Archaeal viruses from acidic	Assessment: Spanning the chasm between
	hot springs"	regulation and Regulations?
	15:15 <b>Peter Stougaard</b> , University of	15:15 Maarten Nauta, National Food Institute,
	Copenhagen: "Microbial diversity in alkaline	DTU. The impact of consumer food preparation
	and cold ikaite columns in Greenland"	behavior on microbial risks.
	15:35 <b>Olav Lanes</b> , Marine Biochemicals AS,	15:35 Paw Dalgaard, National Food Institute,
	Tromsø, Norway: "Enzymes from	DTU. Listeria monocytogenes – prediction of
	extremophiles: Applications in molecular	growth and survival in food.
	biology" 15:55 Oral presentations of 3 selected posters	15:55 Oral presentations of 3 selected posters
16:15	Coffee, posters and i-Pod raffle sponsored by exhibitors	
17:00	KEYNOTE SPEAKER, Terry C. Hazen	
17.00	Earth Sciences Division, Lawrence Berkeley National Laboratory	
	The Gulf of Mexico Oil Spill - Rescue from Microbiology?	
18:00	Drinks in "Marble Hall"	
18:30-	Dinner at "Gimle"	
21:00	Dillilei	at Smile
21.00	1	

Coffee, lunch and dinner are included in the registration fee



#### **VENUE**

The Symposium will take place in the "Marble Hall", at University of Copenhagen, Faculty of Life Sciences, Thorvaldsensvej 40, 1958 Frederiksberg C.

#### **POSTERS**

Posters are the only form of contributed presentations. Posters are welcome in all areas of microbiology. Posters will be displayed all day, and presenters are asked to be present at their posters from 13:30 to 14:00. Eighteen posters will be selected for a short platform presentation.

#### **ABSTRACTS**

Abstracts should be submitted on the DMS homepage www.dmselskab.dk before October 15, 2010. All abstracts will be printed in the abstract book, which will be handed out during registration and can be downloaded from the DMS homepage.

### **PAYMENT (and student stipends)**

The fee for attendance at the Symposium is DKK 600. This includes the symposium dinner at the historic university building "Gimle", as well as lunch and coffee breaks during the day. Members of the society pay a discounted fee of DKK 400. Membership for all of 2011 can be obtained at the same time as registration for DKK 200. Please provide your institution's EAN number during registration for easy electronic payment.

50 stipends are available for Master students who present a poster and are student members of DMS. This gives free access to the symposium including the dinner. The application for stipends can be found at <a href="https://www.dmselskab.dk">www.dmselskab.dk</a> and should be submitted by October 15<sup>th</sup>.

#### CONTACT & REGISTRATION

The Danish Microbiological Society, Conference secretary, c/o DM, Nimbusparken 16, DK-2000 Frederiksberg, Denmark. Phone: +45 38 15 66 00. email: symposium@dmselskab.dk
Abstract submission and registration at www.dmselskab.dk

#### SCIENTIFIC COMMITTEE:

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Stephen Wessels, DHI Water-Health-Environment

Jens Aamand, Geological Survey of Denmark and Greenland, GEUS

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