



One-day Symposium

SMALL TALK: Chemical Communication in Bacteria

Thursday June 10, 2010: 09.30 – 16.30

Lundbeck Auditorium, Copenhagen Biocenter, University of Copenhagen

Cell-cell communication is critical for virulence, biofilm formation and other complex behaviors in many bacteria. Through the production, release, exchange and detection of an extensive library of signaling molecules, bacteria can count their numbers, coordinate behaviors across the population, unite to build multicellular, multispecies structures, and even cheat, interfere and eavesdrop on each other's signals. "Small Talk" brings together international experts on cell-cell signaling molecules and regulatory pathways, mechanisms of signal packaging and exchange, multispecies communication and competition, and the role of cell-cell communication in biofilm formation and virulence.

Program

09.00 - 09.30 Registrations, coffee and exhibition

09.30 - 09.45 Welcome by Sine Lo Svenningsen

Session 1: Regulation of bacterial behaviour by cell-cell communication

09.45 - 10.15 George Salmond University of Cambridge, UK.

10.15 - 10.45 Debra Milton, Umeå University, Sweden.

10.45 - 11.15 Dieter Haas University of Lausanne, Switzerland.

11.15 - 11.45 Tim Tolker-Nielsen, University of Copenhagen, Denmark.

11.45 - 13.00 Lunch and exhibition

13.00 - 14.00 Keynote lecture: Marvin Whiteley, University of Texas at Austin, USA.

14.00 - 14.30 Michael Givskov, University of Copenhagen, Denmark.

14.30 - 15.00 Coffee break and exhibition

Session 2: Cell-cell communication in multispecies communities

15.00 - 15.30 Steve Diggle, Nottingham University, UK.

15.30 - 16.00 Karina Xavier, New University of Lisbon, Portugal.

16.00 - 16.30 Sine Lo Svenningsen, University of Copenhagen, Denmark.

Registration

Free registration online: www.biokemi.org. Everybody is welcome. Registration is required.

Organizer

Sine Lo Svenningsen, Institute of Biology, University of Copenhagen.

Secretariat and vendor contact

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