

BioNET meeting 4.-5 September 2008, University of Aarhus
 Department of Molecular Biology, Aarhus University
 Science Park
 Gustav Wieds Vej 10C, 8000 Aarhus C.

Meeting room 1, 1st floor, Building 2 (Main Entrance)

Directions at: <http://www.mb.au.dk/en/about/global/institut/find.htm>

Programme

4th September

Time	Speaker	Title
11:30-12:30	Everybody	Arrival. Lunch at the canteen in the Science Park.
<i>Optical traps and membranes</i>		
12:30-12:55	Nader Reihan	How to produce the most efficient optical trap
12:55-13:20	Lene Oddershede	Variety in intracellular diffusion during the cell cycle
13:20-13:45	Tabita Winther	Protein mobility in the outer membrane of Escherichia coli
13:45-14:15	Everybody	Coffee break
<i>Membrane proteins</i>		
14:15-14:40	Eva Arnsparng Christensen	Multi color tracking of membrane proteins and lipids in lipid films and live cells using quantum dots as fluorescent probe.
14:40-15:05	Chris Lagerholm	BLAP, BLAP, BLAP – An update on genetic targeting of quantum dots.
15:05-15:30	Peter A. Christensen	Mistic and CLIC1
15:30-16:00	Everybody	Coffee break
16:00-16:25	Brian Vad	Antimicrobial peptides
16:25-16:50	Magnus Franzmann	Structure of an antimicrobial peptide.
17:00-18:00	Ole, Mogens, Daniel, Thomas, Kim, Lene	Meeting on BioNET II application
19:00	Everybody	Dinner

5th September

<i>Amyloid and modelling</i>		
9:00-9:25	Morten Dueholm	Bacterial amyloid
9:25-9:55	Kim Sneppen	Modelling Parkinson's Disease
9:55-10:10	Everybody	Coffee break

10:10-10:35	Lykke Pedersen	Independent Component Analysis in High-Dimensional Biological Data
10:35-11:00	Mikkel Avlund	<i>In silico</i> model of gene-segregation during range expansions
11:00-11:15	Everybody	Coffee break
<i>Membranes</i>		
11:15-11:40	Thomas Heimburg	Nerve pulses, anesthesia and permeation as one concept
11:40-12:05	Raghu Sankar	Impact of Ceramide3 on POPC Host Membranes: A Study on Structure of Thermodynamics
12:05-12:30	Maria Bloksgaard Mølgaard	LAURDAN Generalized Polarization Analysis as a Tool in Skin Diagnostics.
12:30-13:30	Everybody	Lunch and departure

Participants:

University of Aarhus

Daniel Otzen
Poul Henning Jensen (Dept. of Medical
Biochemistry)
Morten Dueholm
Brian Vad
Peter Astrup Christensen
Lise Giehm
Dilip Debnath
Kell Andersen
Rajiv Vaid Basaiawmoit
Vijay Shankar Balakrishnan
Francesca Macchi
Shirin Ghodke

University of Aalborg

Magnus Franzmann

University of Copenhagen

Mogens Høgh Jensen
Thomas Heimburg
Lene Oddershede

Kim Sneppen
Lykke Pedersen
Tabita Winther
Mikkel Avlund
Nader Reihani
Simone Pigolotti
Kristmundur Sigmundsson
Ludwig Lizana
Philip Gerle
Silja Heilmann
Sandeep Krishna
Bartlomiej Dybiec
Mille Michelsen

University of Southern Denmark

Ole G. Mouritsen
Beate Klösgen
Mathias Lysemose Clausen
Raghu Sankar
Maria Bloksgaard Mølgaard
Eva Arnspang Christensen
Chris Lagerholm