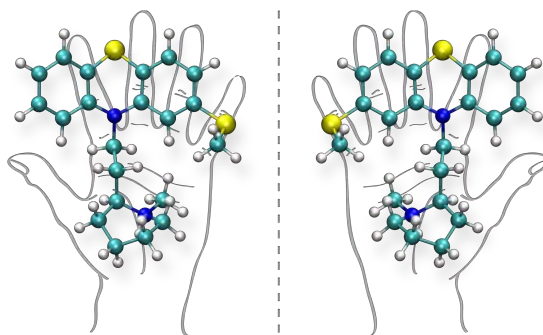


Progress in the Basic and Clinical Studies in the Reversal of Drug Resistance II



Thursday, September 19, 2013, 9.00–19.00

BMB Seminar Room, University of Southern Denmark, Odense

A Symposium on the occasion of the 70th birthday of

Dr. Jette Elisabeth Kristiansen

35 years in Paul Ehrlich's footsteps

*"There is no doubt about it. We are really able to reverse resistance
using modern methylene blue derivatives"*

PROGRAM

9.00-9.30 Arrival; coffee, tea, and rolls

9.30-9.35 Welcome and opening of symposium. Ole G. Mouritsen, Director of Memphys, University of Southern Denmark (SDU), Odense

9.35-10.00 An unexpected clinical observation in august 1975 has opened the universe of Paul Ehrlich for me: "Reversal of resistance by help of membranestabilizers is really a possibility". Jette Elisabeth Kristiansen, Memphys, SDU, Odense, member of the Paul Ehrlich Gesellschaft (PEG)

10.00-10.30 "Potassium transport and distribution in skeletal muscle— Na^+ , K^+ -pumps and the effects of hormones and drugs". Torben Clausen, Department of Biomedicine, Aarhus University

10.30-10.50 "Differential effects of the phenothiazine thioridazine enantiomers on action potential duration in rabbit papillary muscle". Ask S. Jensen and Johannes Struijk, Aalborg University

10.50-11.20 Coffee break

11.20-12.05 "A Chiral Drughunter career". Klaus P. Bøgesø, H. Lundbeck A/S, Copenhagen

12.05-12.30 "Clinical possibilities of stereo isomeric thioridazine—Is there a way forward?" Oliver Hendricks, Institut for Regional Sundhedsforskning, SDU/Kong Christian X's Gighospital, Gråsten, member of the Paul Ehrlich Gesellschaft

12.30-13.00 "3D cell culture—bringing *in vitro* closer to *in vivo*". Stephen Fey, Department of Biochemistry and Molecular Biology, SDU

13.00-14.00 Lunch

14.00-14.30 "Interactions of thioridazine with lipid bilayers from molecular simulations". Himanshu Khandelia, Memphys, SDU

14.30-15.00 "Bypassing the efflux-pumps with new types of antibiotics". Jørn B. Christensen, Department of Chemistry, University of Copenhagen

15.00-15.10 "Vets already do", Søren Nielsen. Practicing veterinary surgeon, Tåsinge

15.10-15.40 Coffee break

15.40-16.20 "What I have learned from Paul Ehrlich". Bernd Wiedemann, member of the Paul Ehrlich Gesellschaft (PEG), Schleswig, Germany

16.20-16.50 "Magic bullets with more magic—liposomes with double lipid prodrugs". Ole G. Mouritsen, Memphys, SDU

17.00-17.30 Discussion and closing of Symposium

17.30-19.00 Refreshments and a light evening meal

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Organizers: Jette E. Kristiansen & Ole G. Mouritsen, Memphys-Center for Biomembrane Physics, Department of Physics, Chemistry, and Pharmacy, University of Southern Denmark, Campusvej 55, DK-5230 Odense M, Denmark , SDU

Registration: The symposium is open to everyone interested and is free of charge. However, registration is required no later than September 12 by contacting Ulla Lauritsen, Memphys, ulla@memphys.sdu.dk, tel. 6550 3506

Symposium venue: BMB Seminar Room, SDU, Odense Campus

