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 Gigthospital, 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, Tåsing

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

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