4th European Workshop on Particulate Systems
Copenhagen, May 30 – June 1, 2002

Organisation
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Participating groups:
P. Couvreur  University of Paris, France
E. Fattal  University of Paris, France
A.T. Florence  University of London, England
R. Gurny  University of Geneva, Switzerland
R.H. Müller  University of Berlin, Germany
G. Storm  University of Utrecht, The Netherlands

Sponsored by The Graduate School of Drug Research,
The Royal Danish School of Pharmacy
Dear EWPS group leaders

We are pleased to inform you that the 4th European Workshop on Particulate Systems will be held in Copenhagen, May 30th till June 1st, 2002.

The meeting will be organised at The Royal Danish School of Pharmacy in the Benzon Auditorium. We have received funding to cover lunch, dinner and social event. We ask you to make your own hotel reservations.

A final program is enclosed. As you can see from the program there is 20 minutes for the presentation this includes time for a few questions. There is equipment available for computer-, overhead- and slide presentation.

We look forward to seeing you in Copenhagen at the EWPS2002.

Best,

Charlotte Vermehren  
Sven Frøkjær  
Lene Jørgensen
Program EWPS 2002

Thursday May 30th, 2002

15.30 – 16.15 Registration/coffee
16.15 – 16.30 Welcome
   Prof. Dr. S. Frøkjær, The Royal Danish School of Pharmacy

Emulsions and niosomes
Session chairman: Prof. Dr. A.T. Florence, The School of Pharmacy, London.

16.30 - 16.50 Formulation factors in the design of oil in oil emulsions, V. Jaitely,

16.50 – 17.10 Plasma protein adsorption patterns on surfaces of Amphotericin B-
   containing fat emulsions, S. Schmidt, R.H. Müller, Free University of
   Berlin.

17.10 - 17.30 W/o emulsions as drug delivery system for proteins, L. Jørgensen,
   S. Bjerregaard, C. Vermehren, S. Frokjaer, The Royal Danish School
   of Pharmacy.

17.30 – 17.50 Characterization of non-ionic surfactant micro-tubes, B. Nasseri,

18.00 – 19.30 Dinner

19.30 – 20.30 Prof. Dr. David Needham, Duke University, North Carolina, USA.
Friday May 31st, 2002

**Dendrimers**
Session chairman: Prof. Dr. S. Frokjaer, The Royal Danish School of Pharmacy.


10.30 - 11.00 Coffee break


11.40 - 12.00 Coffee break

**Liposomes**
Session chairman: Prof. Dr. G. Storm, Utrecht of University

12.00 - 12.20 Liposomes as a tool to improve passive immunological protection against respiratory infections, C. Dreffier, F. Ramisse, C. Dubernet, University of Paris-Sud.


13.00 - 14.00 Lunch

14.20 – 14.40 Vectorised transport through the blood-brain barrier using a new approach: targeted delivery of anti-transferrin receptor antibody-coated, degradable liposomes to brain capillary endothelial cells, T. Moos, T. Peitersen, C. Vermehren, G. Storm, S. Frokjaer, University of Copenhagen.


15.00 – 15.20 Coffee break


15.40 – 16.00 Colloidal systems in ophtalmology: 1/ Poly-ε-caprolactone nanospheres coated with bioadhesive hyaluronic acid for instillation 2/ Potential of sterically stabilized liposomes for delivering intravitreally an oligonucleotide, A. Bochot, R. Gref, S. Barbault-Foucher, E. Fattal, University of Paris-Sud.

"Nanoparticles"
Session chairman: Dr. E. Fattal, University of Paris-Sud.

16.00 – 16.20 Cosmetic applications for solid lipid nanoparticles (SLN), S.A. Wissing, R.H. Müller, Free University of Berlin.


16.40 – 17.00 Coffee break
17.00 – 17.20  Opposite behaviour of calcitonin and lysozyme in a polymeric controlled release matrix, *M. Van de Weert*, The Royal Danish School of Pharmacy.


19.00  Dinner at Peter Liep Hus, Dyrehaven 8, Klampenborg. Chartered transport leaves The Royal Danish School of Pharmacy at 18.30.
Saturday June 1\textsuperscript{st}, 2002

"Nanoparticles"
Session chairman: Dr. C. Dubernet, University of Paris-Sud.

9.30 - 9.50  Opposite behaviour of calcitonin and lysozyme in a polymeric controlled release matrix, \textit{M. Van de Weert}, The Royal Danish School of Pharmacy.

9.50 - 10.10  Protein-loaded PLGA nanocapsules using the double emulsion method - optimization of processing parameters, \textit{U. Bilati, E. Allémann, E. Doelker}, University of Geneva


10.30 - 10.50  Surface modification of thiolated poly(lactic acid) nanoparticles by attachment of NeutrAvidin\textsuperscript{™}, \textit{L. Nobs, F. Buchegger, R. Gurny, E. Allémann}, University of Geneva

10.50 - 11.10  Coffee break

Delivery of Genetic Material
Session chairman: Dr. R. Gurny, University of Geneva


11.30 - 11.50  Solid lipid nanospheres as DNA carriers, \textit{A. Vinter Heydenreich, A. Fomsgaard, H.G. Kristensen}, The Royal Danish School of Pharmacy.


\textit{Rector, Prof. Dr. P. Krogsgaard-Larsen}, The Royal Danish School of Pharmacy.

12.30 - 13.30  Lunch/departure
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