



MINISYMPOSIUM
GLYCOSTRUCTURES IN BIOSYSTEMS XII

Focus on Fucosyltransferases



October 22, 2004

University of Hamburg

University Clinic Eppendorf (UKE)
Clinic for Orthopedics, Lecture Hall
Martinistr. 52
20246 Hamburg

- 9:15 Introductory remarks
- 9:30 **John B. Lowe**, Dept. of Pathology and Howard Hughes Medical Institute, University of Michigan, USA
Control of leukocyte biology by fucosylation
- 10:15 **Bruce A. Macher**, Dept. of Chemistry and Biochemistry, San Francisco State University, San Francisco, USA
Structure/function studies of fucosyltransferase: Amino acids of the FucT motif and other critical for sLex vs. VIM2 synthesis
- 11:00 Coffee break
- 11:30 **Peter Pahlsson**, Dept. of Biomedicine and Surgery, Division of Clinical Chemistry, Linköping, Sweden
Naturally occurring mutations in human fucosyltransferases
- 12:15 Lunch Break
- 13:45 **Risto Renkonen**, Institute of Biotechnology and Dept. of Bioscience, University of Helsinki, Finland
Leukocyte traffic into sites of human inflammation
- 14:30 **Michael P. Schön**, Rudolf-Virchow Center for Experimental Biomedicine and Department of Dermatology, Julius-Maximilians University, Würzburg, Germany
Mechanisms of lymphocyte recruitment in the pathogenesis of inflammatory disorders
- 15:15 Coffee break
- 15:45 **Stefan Ehlers**, Research Institute Borstel, Borstel, Germany
The role of fucosyltransferases IV and VII in experimental tuberculosis
- 16:30 **Rodger P. McEver**, Cardiovascular Biology Research Program, Oklahoma Medical Research Foundation, Oklahoma, USA
Molecular and cellular contributions to selectin-dependent leukocyte rolling
- 17:00 End of Minisymposium XII