



GLYCOSTRUCTURES IN BIOSYSTEMS VII

Symposium of the Resource Center

Glycostructures in Biological Systems - Synthesis and Function



December 10, 2001

University of Hamburg

Department of Chemistry
Lecture Hall A
Martin-Luther-King-Platz 6, 20146 Hamburg

- 8:45 **Jürgen Heck**, Dean, Dept. of Chemistry
Opening
- 9.00 **Hans-Dieter Klenk**, Marburg, Germany
The Role of Glycans in Influenza Virus Infection
- 9.35 **Germain Puzo**, Toulouse, France
Mycobacterial Lipoarabinomannans: Structure and Anti-Inflammatory Activity
- 10:10 **Christoph Benning**, East Lansing, USA
Genetic Analysis of Glycolipid Biosynthesis in the Model Plant Arabidopsis
- 10:45 Coffee & Poster Session
- 11:15 **Otto Holst**, Borstel, Germany
Components of the Outer Surface Layer of Mycobacteria
- 11.50 **Stephen V. Evans**, Ottawa, Canada
Antibody Recognition of Chlamydial LPS
- 12.25 Lunch Break & Poster Session
- 14.30 **Pierre Vogel**, Lausanne, Switzerland
Sugar Mimic Synthesis and New Glycosidase Inhibitors
- 15.05 **Hans Peter Wessel**, Basle, Switzerland
Glycostructures in Medicinal Chemistry
- 15:40 Coffee & Poster Session
- 16.10 **Yuan C. Lee**, Baltimore, USA
Presence of Gal α (1-4)Gal Termini in Some Avian Egg White Glycoproteins
- 17.00 **Jürgen Lüthje**, President, Univ. of Hamburg **Jürgen Heck**, Dean, Dept. of Chemistry **Hans Peter Wessel**, Basle, Switzerland **Bernd Meyer**, Dept. of Chemistry
Laudations



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- 9:00 **Edda Töpfer-Petersen**, Hannover, Germany
Carbohydrate-Based Interactions During Fertilization
- 9:35 **Alberto Carlos Frasch**, Buenos Aires, Argentina
Structural Differences Between Sialidase and Trans-Sialidase from Trypanosomes
- 10:10 **Hans de Cock**, Utrecht, The Netherlands
Lipopolysaccharide-Dependent Folding of Bacterial Outer Membrane Proteins
- 10:45 Coffee & Poster Session
- 11:05 **John M. Seddon**, London, UK
Structure and Phase Behaviour of Synthetic Dialkyl Glycolipids
- 11:50 **Christoph Wagener**, Hamburg, Germany
The Role of CEA-Related Cell Adhesion Molecule-1 (CEACAM1) in Angiogenesis and Invasive Tumor Growth
- 12:25 Lunch Break & Poster Session
- 14:00 **Werner Reutter**, Berlin, Germany
Regulation of the Biosynthesis of N-Acylneuraminic Acid
- 14:35 **Kevin G. Rice**, Ann Arbor, USA
Synthesis and Biological Application of Glycoconjugates for Gene Delivery
- 15:10 **Shin-Ichiro Nishimura**, Sapporo, Japan
Synthesis of Bioactive Glycoconjugates by Artificial Golgi Apparatu
- 15:45 Coffee & Poster Session
- 16:15 **Ernst Heinz**, Hamburg, Germany
Sterol and Ceramide Gucosides: Cloning of Enzymes Contributing to Their Biosynthesis in Plants and Fungi
- 16:50 **Al Burlingame**, San Francisco, USA
Localization of Protein O-GlcNAc-ylation by Electrospray Tandem Mass Spectrometry