



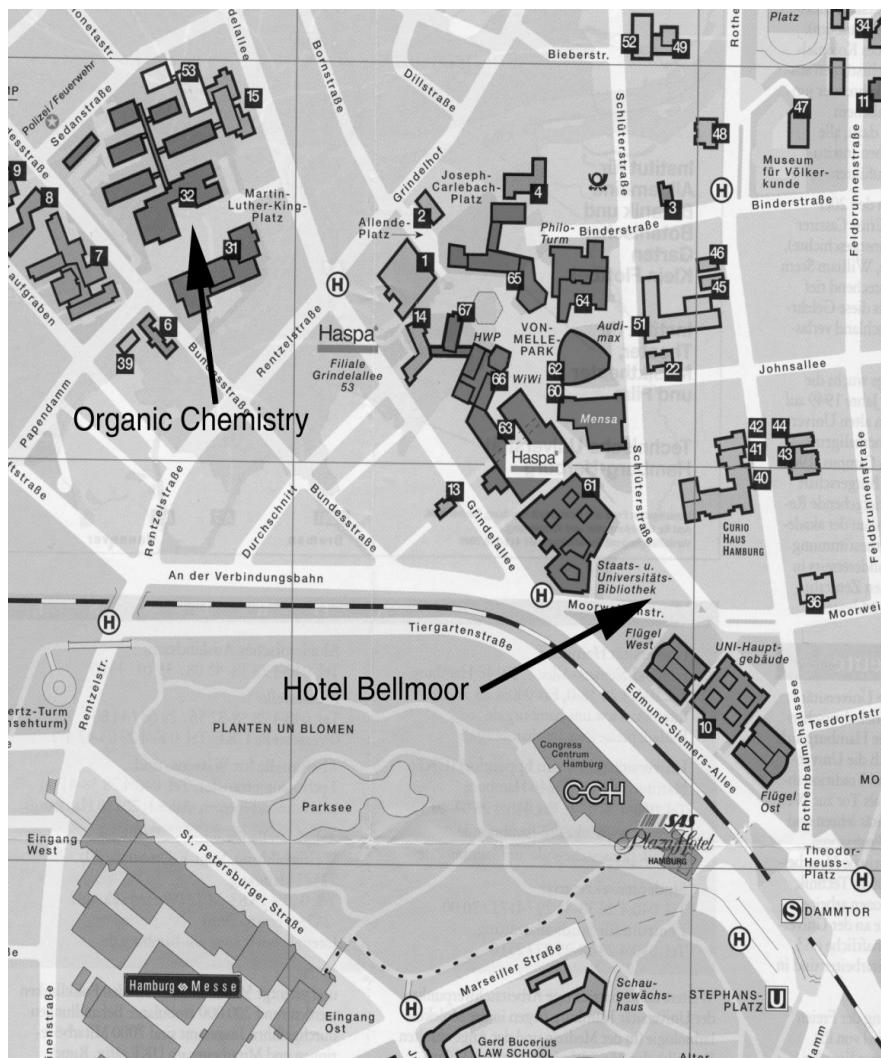
Glycostructures in Biological Systems XV

Symposium of the Research Center 470
Glycostructures in Biological Systems - Synthesis and Function

University of Hamburg
December 1, 2006

INVITATION & PROGRAM

"Glycosyltransferases and Sulfotransferases -
Chemistry, Biochemistry and Structure"



9:00	Joachim Thiem <i>Hamburg, Germany</i>	Opening	14:30	Eric Maréchal CNRS - CEA - INRA-Université J. Fourier, Département Réponse et Dynamique Cellulaires, Grenoble, France	Plant Galactolipid Synthesis as a Possible Target for Herbicides with Therapeutical Properties
	<i>Chair:</i>	<i>Thomas Peters</i>			
9:10	Jesús Jiménez-Barbero <i>CIB - Centro de Investigaciones Biológicas, CSIC Madrid, Spain</i>	Carbohydrate-Protein Interactions. A NMR View of the Recognition of Aminoglycosides by Bacterial Defense Enzymes	15:05	Miguel A. Valvano Department of Microbiology and Immunology, University of Western Ontario, London Ontario, Canada	Structure-Function of ADP-Heptose Biosynthesis for Core Lipopolysaccharide Assembly in <i>Escherichia coli</i> and <i>Burkholderia cepacia</i>
9:45	Anne Imberty <i>CERMAV - Centre National de la Recherche Scientifique, Grenoble, France</i>	Molecular Dynamics Simulations of Glycosyltransferases	15:40		Coffee Break
10:20	Pradman K. Qasba <i>NCI, Structural Glycobiology Section, CCR Nanobiology Program, Frederick, USA</i>	Structure-Function Studies on β -1,4-Galactosyltransferase: A Case Study of Glycosyltransferases	16:15	Stephan Tiede Universitätsklinikum Schleswig-Holstein, Klinik für Dermatologie, Allergologie & Venerologie, Lübeck, Germany	Molecular Analysis of the Human UDP-GlcNAc-1-Phosphotransferase and its Module Structure
10:55		Coffee Break	16:40	Georg Hözl Max Planck Institute for Molecular Plant Physiology, Potsdam, Germany	Replacement of Plant Galactolipids by a Bacterial Glycolipid Reveals Specific Functions in Photosynthesis
	<i>Chair:</i>	<i>Christoph Wagener</i>	17:05		End of Symposium
11:30	Lothar Elling <i>RWTH Aachen, Department of Biotechnology/Biomaterial Sciences & Helmholtz Institute for Biomedical Engineering, Aachen, Germany</i>	Targeting of Glycoproteins by Galactosyltransferase-Mediated-Labeling (GalTMedLab)			
12:05	Jane Hewitt <i>Institute of Genetics, Queen's Medical Centre, University of Nottingham, Nottingham, UK</i>	Investigating the Function of Large, a Putative Glycosyltransferase			
12:40		Lunch Break			
	<i>Chair:</i>	<i>Thomas Bräulke</i>			

INFORMATION / REGISTRATION

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CONFERENCE VENUE:

University of Hamburg, Department of Chemistry, Library North Wing, Martin-Luther-King-Platz 6 20146 Hamburg, Germany

Organizing Committee:

Thomas Bräulke - Joachim Thiem

Hotel:

Every lecturer will be accommodated in Hotel Bellmoor which is within walking distance to the conference venue.

Public Transport to the Conference Venue:

- S 11 to Dammtor Station, then Metrobus 4 or 5 to 2nd stop (Grindelhof), then 300 m walking distance or
- U 2 to Schlump Station, then 500 m walking distance