



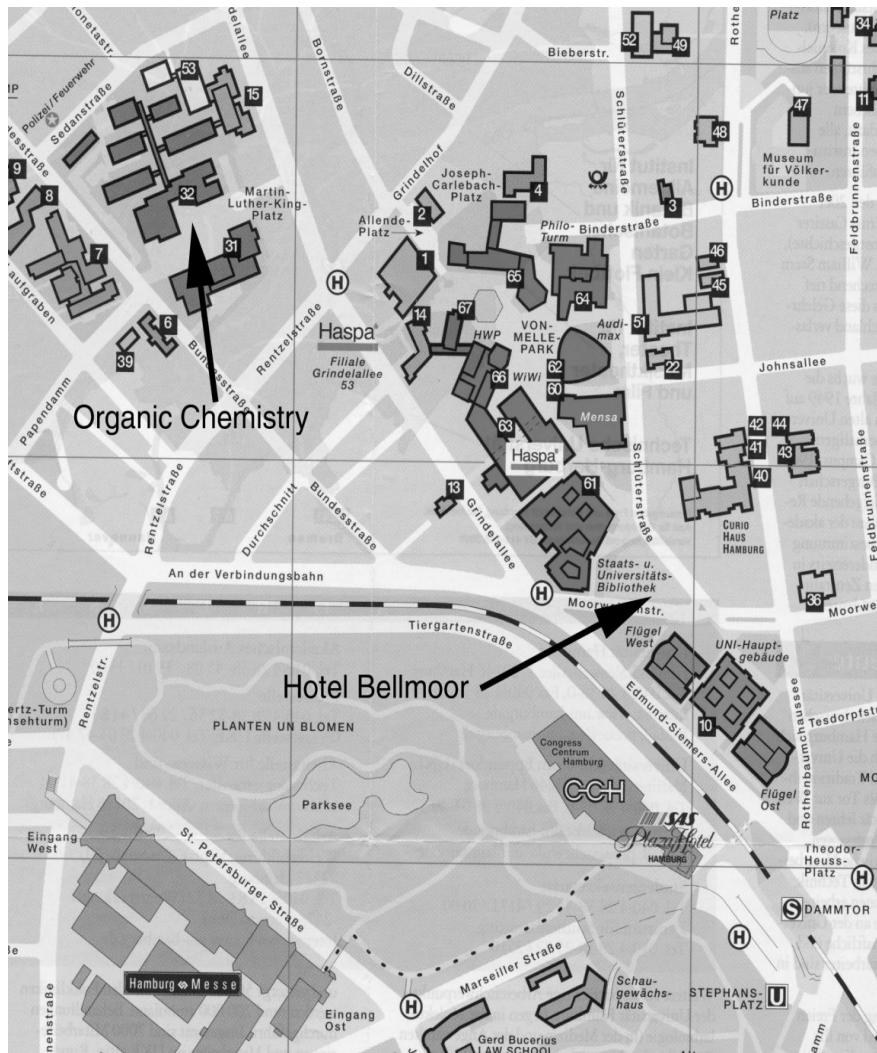
# Glycostructures in Biological Systems XV

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	<b>Joachim Thiem</b> <i>Hamburg, Germany</i>	Opening
	<i>Chair:</i>	<i>Thomas Peters</i>
9:10	<b>Jesús Jiménez-Barbero</b> CIB - Centro de Investigaciones Biológicas, CSIC <i>Madrid, Spain</i>	Carbohydrate-Protein Interactions. A NMR View of the Recognition of Aminoglycosides by Bacterial Defense Enzymes
9:45	<b>Anne Imberty</b> CERMAV - Centre National de la Recherche Scientifique, <i>Grenoble, France</i>	Molecular Dynamics Simulations of Glycosyltransferases
10:20	<b>Pradman K. Qasba</b> NCI, Structural Glycobiology Section, CCR Nanobiology Program, <i>Frederick, USA</i>	Structure-Function Studies on $\beta$ -1,4-Galactosyltransferase: A Case Study of Glycosyltransferases
10:55		Coffee Break
	<i>Chair:</i>	<i>Christoph Wagener</i>
11:30	<b>Lothar Elling</b> RWTH Aachen, Department of Biotechnology/Biomaterial Sciences & Helmholtz Institute for Biomedical Engineering, <i>Aachen, Germany</i>	Targeting of Glycoproteins by Galactosyltransferase-Mediated-Labeling (GalTMedLab)
12:05	<b>Jane Hewitt</b> Institute of Genetics, Queen's Medical Centre, University of Nottingham, <i>Nottingham, UK</i>	Investigating the Function of Large, a Putative Glycosyltransferase
12:40		Lunch Break
	<i>Chair:</i>	<i>Thomas Braulke</i>

14:30	<b>Eric Maréchal</b> CNRS - CEA - INRA- Université J. Fourier, Département Réponse et Dynamique Cellulaires, <i>Grenoble, France</i>	Plant Galactolipid Synthesis as a Possible Target for Herbicides with Therapeutical Properties
15:05	<b>Miguel A. Valvano</b> Department of Microbiology and Immunology, University of Western Ontario, <i>London Ontario, Canada</i>	Structure-Function of ADP-Heptose Biosynthesis for Core Lipopolysaccharide Assembly in <i>Escherichia coli</i> and <i>Burkholderia cepacia</i>
15:40		Coffee Break
	<i>Chair:</i>	<i>Bernd Meyer</i>
16:15	<b>Stephan Tiede</b> Universitätsklinikum Schleswig-Holstein, Klinik für Dermatologie, Allergologie & Venerologie, <i>Lübeck, Germany</i>	Molecular Analysis of the Human UDP-GlcNac-1-Phosphotransferase and its Module Structure
16:40	<b>Georg Hölzl</b> Max Planck Institute for Molecular Plant Physiology, <i>Potsdam, Germany</i>	Replacement of Plant Galactolipids by a Bacterial Glycolipid Reveals Specific Functions in Photosynthesis
17:05		End of Symposium

#### INFORMATION / REGISTRATION

Sonderforschungsbereich 470  
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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 Braulke - 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