

Organization:

Joachim Thiem and Thomas Braulke



SFB 470

Venue:

University of Hamburg
Faculty of Science
Department of Chemistry
Lecture Hall B
Martin-Luther-King-Platz 6
20146 Hamburg
Germany

INVITATION

Closing Symposium of the SFB 470

**“From Glycobiology to
Glycochemistry”**

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<http://www.chemie.uni-hamburg.de/sfb470/closingsymposium>

May 28 and 29, 2009

Sponsor:

Verein zur Förderung der Glycowissenschaften e.V., Hamburg

Thursday, May 28, 2009

8:30	Opening: Heinrich Graener , Dean Faculty of Science, University of Hamburg <i>Chair: Chris Meier</i>
8:40	Richard Cummings , Emory University, School of Medicine, Atlanta, GA, USA <i>Glycan Functions in Leukocyte Signaling and Vascular Biology</i>
9:25	Paul Kosma , University of Natural Resources and Applied Life Sciences, Vienna, Austria <i>Higher-carbon Sugars of Bacteria Lipopolysaccharides: Synthesis and Interaction with Antibodies and Lectins</i>
10:10	Coffee Break <i>Chair: Thomas Braulke</i>
10:40	Kurt Drickamer , Imperial College, London, UK <i>Characterisation of Novel Glycan-binding Receptors by Genomic and Glycomic Analysis</i>
11:25	Karel Bezouska , Charles University Prague, Czech Republic <i>NKR-P1 Family of Receptors: From Biochemistry and Identification of Ligands to Structure and Tumor Therapies</i>
12:10	Lunch Break and Posters <i>Chair: Christoph Wagener</i>
14:15	Ulrich Zähringer , FZ Borstel, Borstel, Germany <i>Structural and Functional Characterization of a Monoclonal Antibody for the Diagnosis of Pseudomonas Infections During Cystic Fibrosis</i>
14:45	Thomas Braulke , University Medical Center Eppendorf, Hamburg, Germany <i>Key Role of GlcNAc-1-phosphotransferase in Lysosome Function</i>
15:15	Chris Meier , Department of Chemistry, University of Hamburg, Germany <i>An Efficient and Reliable Synthesis for Nucleosidediphosphate Sugars</i>
15:45	Coffee Break
16:15	Ola Blixt , University of Copenhagen, Denmark <i>Glycopeptide Microarrays for Biomarker Discovery</i> <i>Chair: Marcus Fischer</i>
17:15 GDCh- Collo- qium	François Diederich , ETH Zürich, Zürich, Switzerland <i>A Multidimensional Approach to Molecular Recognition in Chemical and Biological Systems: Structure- based Design of Enzyme Inhibitors</i>

Friday, May 29, 2009

	<i>Chair: Thomas Peters</i>
8:30 Glyco- Award	Christoph Rademacher , University of Lübeck, Lübeck, Germany <i>Carbohydrate-Virus Interactions as Studied by NMR</i>
8:45 Glyco- Award	Hanna Erdmann , Bernhard-Nocht-Institute for Tropical Medicine, Hamburg, Germany <i>Immunomodulation by Siglec-E During Trypanosoma Cruzi Infection</i>
9:00	Julia Costa , Instituto de Tecnologia Química e Biológica, Oeiras, Portugal <i>Fucosylation of Neurons and BrainTissue</i>
9:45	Carlo Unverzagt , University of Bayreuth, Bayreuth, Germany <i>N-Glycoproteins as Novel Targets for Chemical Synthesis: A Blend of Various Chemistries</i>
10:30	Coffee Break <i>Chair: Helmut Brade</i>
11:00	Hans-Peter Hauri , University of Basel, Basel, Switzerland <i>Cargo Receptor-mediated Glycoprotein Trafficking Early in the Secretory Pathway</i>
11:45	Chi-Huey Wong , Academia Sinica, Taiwan <i>Post-translational Glycosylation: Challenges and Opportunities</i>
12:30	Lunch Break and Posters <i>Chair: Ulrich Zähringer</i>
14:30	Christoph Wagener , University Medical Center, Hamburg, Germany <i>Glycan-binding Receptors as Analytical Tools in Inflammation and Malignancy</i>
15:00	Thomas Gutschmann , FZ Borstel, Borstel, Germany <i>Impact of the Glycostructure of Amphiphilic Membrane Components on the Function of Membranes</i>
15:30	Dirk Warnecke , Department of Biology, University Hamburg, Germany <i>Functions of Glycolipids in Plants, Fungi, and Bacteria</i>
16:00	Coffee Break <i>Chair: Thomas Gutschmann</i>
16:30	Roger Sandhoff , German Cancer Research Center, Heidelberg, Germany <i>Physiological Glycosphingolipid Functions: Lessons from Mouse Models</i>
17:15	Sven Müller-Loennies , FZ Borstel, Borstel, Germany <i>Anti-Carbohydrate Antibodies for Diagnosis and Therapy of Infectious and Non-Infectious Diseases</i>