



MINISYMPOSIUM  
GLYCOSTRUCTURES IN BIOSYSTEMS XIV  
Glycochemistry: Synthesis, Biology and  
Application



April 29, 2005

University of Hamburg

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

- 9:00 Introductory remarks
- 9:15 **Chris McGuigan**, Welsh School of Pharmacy, Cardiff University, Cardiff, UK  
*Application of the Phosphoramidate ProTide Approach Transforms the Biological Properties of Bioactive Nucleosides and Sugars*
- 10:00 **Gilles Gosselin**, Laboratoire de Chimie Organique Biomoléculaire de Synthèse, Université Montpellier II, Montpellier, France  
*Telbivudine (LdT) and Valtorcitabine (VAL-LdC): Two Potent and Selective anti-HBV Nucleoside Analogues*
- 10:45 Coffee break
- 11:15 **Benjamin G. Davis**, Department of Chemistry, Chemistry Research Laboratory, Oxford, UK  
*Sugars and Enzymes*
- 12:00 Lunch Break
- 14:00 **Valentin Wittmann**, Department of Chemistry, University of Konstanz, Germany  
*Syntheses and Applications of Sugar Diamino Acids*
- 14:45 **Silvana Pedatella**, Dipartimento di Chimica Organica e Biochimica, Università di Napoli Federico II, Napoli, Italy  
*Design and Synthesis of New Sialyl LEWIS<sup>x</sup> Mimics as E- and P-Selectin Antagonists*
- 15:30 Coffee break
- 16:00 **Stefan Oscarsson**, Department of Organic Chemistry, Arrhenius Laboratory, Stockholm University, Stockholm, Sweden  
*Approaches Towards Anti-Microbial Glycoconjugate Vaccines Based on Synthetic Oligosaccharide Structures*
- 16:45 **David W. Gammon**, Department of Chemistry, University of Cape Town, South Africa  
*Strategies and Synthesis in the Development of Inhibitors of the Deacetylase (MshB) Implicated in the Biosynthesis of Mycothiol in Mycobacterium tuberculosis*
- 17:30 End of Minisymposium XIV