

8.00	9.00	Registration & Poster fixing		
9.00	9.10	Opening		
<b>New Tools and Methods in Carbohydrate Structural and Conformational Analysis</b>				
<b>Chairlady: prof. Berisio; chairman: prof. Hricovini</b>				
9.10	9.40	IL1	<b>Robert Woods</b>	Combining Computational Carbohydrate Screening with Glycan Array Data to Define the 3D Epitope of an Anti-tumor Antibody
9.40	10.10	IL2	<b>Jie-Oh Lee</b>	Production and Crystallization of TLR4-MD-2-LPS Complexes
10.10	10.30	OC1	M. Rojas-Macias	The Prominent Role of the Tryprophan in Protein-Carbohydrate Interactions Derived from the Protein Data Bank (PDB)
10.30	10.40	FC1	C. Grandejean	Application of Native Electrospray Mass Spectrometry to the Determination of Novel Lactosamine Derivatives/Galectin-3 Binding Constants
10.40	10.50	FC2	V. Uniyal	Alkaline Pretreatment of Cellulose with Urea & Thiourea as Additive
10.50	11.20	<b>Coffe and Poster</b>		
<b>Spectroscopic Determination of Protein-Carbohydrate Interactions</b>				
<b>Chairmen: prof. Guerrini, prof. Jie-Oh Lee</b>				
11.20	11.50	IL3	<b>Dusan Uhrin</b>	Glycosaminoglycans, conformation and interactions with proteins
11.50	12.10	OC2	J. Angulo	A Solution NMR Study of the Interactions of Oligomannosides and the Anti-HIV-1 2G12 Antibody
12.10	12.30	OC3	L. Nieto	Structural and Conformational Features of the FGF-Heparin-FGFR Ternary Complex in Solution from a NMR Perspective
12.30	12.40	FC3	A. Pichert	Structural Investigations of the Interaction of Interleukin-8 with Glycosaminoglycans using solution NMR Spectroscopy
12.40	12.50	FC4	G. Batta	An NMR study of the enzymatic mechanism of an efficient mannosynthase
12.50	13.00	FC5	A. Ardá-Freire	A lactose derivative as double ligand for Galectin3 and MMP12. Study of the interaction by NMR and modeling
13.00	14.30	<b>Lunch and Poster</b>		
<b>Conformational Analysis of Carbohydrates/Spectroscopic determination of Protein Carbohydrate Interaction</b>				
<b>Chairmen: prof. Woods, prof. Uhrin</b>				
14.30	15.00	IL4	<b>Anthony S. Serianni</b>	Isotopically Labeled Saccharides: Applications to Studies of Structure and Mechanism
15.00	15.20	OC4	F. Berti	Identification and structural analysis of carbohydrate-based antigens as vaccine candidates
15.20	15.40	OC5	C. Hamark	Protein-Carbohydrate Interaction Studies Combining NMR Spectroscopy, Weak Affinity Chromatography and Molecular Simulations
15.40	15.50	FC6	O. Engström	NMR RDC Measurements on a Disaccharide in Different Anisotropic Media
15.50	16.00	FC7	C. Guzzi	Studies of Multivalent Interactions Between DC-Sign and Glycomimetic Ligands by NMR and Computational Techniques
16.00	16.10	FC8	J. Ronnols	pKa-Determination and Conformational Studies of D-Altrose-Containing Pseudodisaccharides by NMR Spectroscopy
16.10	16.40	<b>Coffe and Poster</b>		
<b>Computational Aspects of Carbohydrate Modeling</b>				
<b>Chairmen: prof. Jimenez-Barbero, prof. Serianni</b>				
16.40	17.10	IL5	<b>Claudio Dalvit</b>	Fluorine-Protein Interactions revealed by <sup>19</sup> F NMR Spectroscopy: Implications for Drug Design
17.10	17.30	OC6	D. M. Whitfield	Plausible Transition States for Chemical Glycosylation Reactions
17.30	17.50	OC7	T. R. Rudd	Chemometric approaches for analysing carbohydrate conformation using multiple spectroscopic techniques
17.50	18.00	FC9	M. Raab	Computational study on substrate specificity and reaction mechanism of H5N1 influenza neuraminidase
18.00	18.10	FC10	S. Kozmon	Theoretical Investigation of the Carbohydrate CH/Pi Interactions Favourable Regions in the Carbohydrate Surroundings
18.10	18.30	<b>Discussion and Closing remarks</b>		
18.30	19.00	<b>Poster removal</b>		