



30th INTERNATIONAL CARBOHYDRATE SYMPOSIUM

BRAZIL/SÃO PAULO TIMEZONE - GMT -3 - Compare timezone: https://time.is/São_Paulo

Monday 11th, July

	Section 21 Synthesis	Section 22 Glycobiology	Section 23 Carbohydrate Structure and Analysis	Section 24 Carbohydrate Polymer and Material Sciences
11:00-11:15	OL1 Jun-ichi Tamura-Japan Chemical and Chemo-Enzymatic Syntheses of Glycans Containing Ribitol Phosphate Scaffolding of Matriglycan	OL2 Cristina Di Carluccio-Italy Molecular Details of <i>N</i> - and <i>O</i> -Glycans Recognition By Siglec-Like Adhesins From <i>Streptococcus Gordonii</i> and <i>Mitis</i>	OL3 Shogo Urakami-Japan O antigen identification from a single colony of gram-negative bacteria by MALDI-TOF MS	OL4 Tomonari Tanaka-Japan Aqueous One-Pot and Chemo-Enzymatic Synthesis of Glycopolymers from Unprotected Sugars
11:15-11:30	OL5 José L. de Paz-Spain Synthesis of Sulfated Oligosaccharides Containing an Anomeric Fluorous Tag and Interaction with Growth Factors	OL6 Spencer Williams-Australia Oxidative Desulfurization Pathway for Complete Catabolism of Sulfoquinovose	OL7 Elisabete Coelho-Portugal Exquisite Structural Features of Brewer's Spent Yeast Cell Wall Polysaccharides: Opportunity for Novel Applications	OL8 Noureddine Abidi-USA Three-Dimensional Chitin Cell Culture Matrices for Biomedical Applications
11:30-11:45	OL9 Stéphanie Norsikian-France Total Synthesis of Tiacumicin B: Implementing H-Bond-Directed Acceptor Delivery For Highly Selective β -Glycosylations	OL10 Andreia Peixoto- Portugal Metabolomics, Transcriptomics and Functional Glycomics Reveals Bladder Cancer Cells Plasticity and Enhanced Aggressiveness Facing Hypoxia and Glucose Deprivation	OL11 Flaviana Di Lorenzo-Italy Gut Microbiota Lipopolysaccharides: is it time for a paradigm shift?	OL12 Julia L. Shamshina-USA Is Cryogrinding for Biopolymers a Proper Substitute for Conventional Ball Milling?
11:45-12:00	OL13 Gavin J. Miller-UK Chemoenzymatic Synthesis Of Ndp Sugars as Chemical Biology Tools to Explore the Gdp-Mannose Dehydrogenase From <i>Pseudomonas Aeruginosa</i>	OL14 Leonardo Freire-de-Lima-Brazil Involvement of PP-GalNac-T6 and O-Glycosylated Oncofetal Fibronectin in Human Multiresistant Breast Cancer Cell Lines	OL15 Kelvin Anggara-Germany Imaging Single Glycans and Glycoconjugates	OL16 Nitish Verma-Taiwan Glycosyl Oxazolines Serve as Active Donors for Iterative Synthesis of Type I Oligosaccharides Era de Synthesis



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12:05-12:12	<p>FL1 karim Jarmoni-France Impact of glycosylation on the properties of imidazopyridines: solubility vs. activity</p>	<p>FL2 Marie Demonceaux-France Regioselective Enzymatic Glucosylation of Flavonoids</p>	<p>FL3 Shinya Hanashima-Japan Dynamic Assembly and Interaction of Glycosphingolipids in Cholesterol-Containing Model Membranes</p>	<p>FL4 Sabrina Bertini-Italy Derivatized Chitosans for Capillary Electrophoresis</p>
12:13-12:20	<p>FL5 Lukas Scheibelberger-Austria Synthesis of 4-deoxy-4-fluoro-D-sedoheptulose</p>	<p>FL6 Lareno L. Villones Jr.-Japan Exploring the Functional Pairing of Human Galectins Toward Synthetic O-Mannosylated Core M1 Glycopeptides of A-Dystroglycan</p>	<p>FL7 Pedro M Nieto-Spain Analysis of the interactions between Midkine and Pleiotrophin with Chondroitin Sulfate and mimetics by NMR and Modelling</p>	<p>FL8 Verónica Elena Manzano-Argentina Synthesis and Characterization of Glucose Derivatives Copolymers</p>
12:21-12-28	<p>FL9 Eoghan M. McGarrigle-Ireland Stereoselective 1,2-Cis-Glycosylations</p>	<p>FL10 Rebeca Kawahara-Australia Systems Glycobiology to Uncover Tumour Microenvironment Glycosignatures Associated with Cancer Progression</p>	<p>FL11 Angela Casillo-Italy Capsular Polysaccharide From The Vesicles and The Cells of Shewanella Vesiculosa H13 Bacterium</p>	<p>FL12 Luciana Silva- Portugal Production of Sustainable Polymers from Sugars Derived from Lignocellulosic Biomass</p>



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Wednesday, 13th July

	Section 25 Synthesis	Section 26 Carbohydrates for Medicine Diagnosis	Section 27 New Development in Glycoscience	Section 28 Glycoconjugates and Vaccines
11:00-11:15	OL17 Todd L. Lowary-Taiwan Synthesis of 1,2- <i>Cis</i> Furanosides: Does Constricting the Donor Always Provide Good Stereocontrol?	OL18 Valerio Zullo-Italy Molecularly Imprinted Polymers (Mips) from a Muc1-Tn Mimetic Antigen as Template	OL19 Benjamin Schumann-UK Chemical Precision Tools for Cell-specific Bioorthogonal Tagging of Glycoproteins	OL20 Yukari Fujimoto-Japan Synthesis and immunomodulatory activities of microbial glycoconjugates containing phosphatidyl inositol
11:15-11:30	OL21 Yves Queneau-France Morita-Baylis-Hillman Route Toward Biobased Surfactants from Carbohydrate-Derived Furanic Aldehydes	OL22 Ana Marta de Matos - Portugal C-glucosylation: a new molecular design tool for the prevention of pains-promoted membrane alterations	OL23 Hiroaki Tateno -Japan Simultaneous Analysis of Glycan and RNA in Single Cells	OL24 Mario A. Monteiro-Canada Anti-diarrheal glycoconjugate vaccines
11:30-11:45	OL25 Valentin Wittmann-Germany Rapid Glycoconjugation with Glycosyl Amines	OL26 Rachel Hevey-Switzerland Identification Of Mucin O-Glycan Structures as Natural Inhibitors of Candida Albicans Pathogenicity	OL27 Jhieh-Yi Huang-Germany Learning From Bacteria to Produce Novel Cellulose-Based Materials	OL28 A. Fernández-Tejada-Spain Novel Synthetic Saponin Adjuvants and Self-Adjuvanting Vaccines
11:45-12:00	OL29 Jindřich Karban-Czechoslovakia Synthesis of Fluorinated Chitobiose Analogues	OL30 Karolina Wojtczak-Ireland Shining a Light on Bacteria : Lanthanide-based Glycoconjugate Molecular Sensors for Lectins	OL31 Giulio Fittolani-Germany Synthesis of a Glycan Hairpin	OL32 Riping Phang-Taiwan Development of One-Pot Synthesis of Lewis A-Tandem-Repeat Oligosaccharides as Cancer Vaccines



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12:05-12:12	<p>FL13</p> <p>Rui Hagino-Japan</p> <p>Chemical synthesis of clickable ADP ribose molecules using late-stage protecting-group-free pyrophosphate coupling reaction</p>	<p>FL14</p> <p>Andrea Fernández Martínez-Spain</p> <p>Synthesis and evaluation of glycomimetics as potential Siglecs immunomodulators</p>	<p>FL15</p> <p>Ryo Okamoto-Japan</p> <p>Dissecting the hydration of glycans on proteins by using total chemical synthesis of glycoproteins</p>	<p>FL16</p> <p>Marcelo F. Fiori-Brazil</p> <p>Synthesis of MUC1-derived glycopeptide bearing a novel triazole STn analogue</p>
12:13-12:20	<p>FL17</p> <p>Carmen Rosa Cori-Argentina</p> <p>Synthesis of the Benzyl β-Glycoside Analogue of the Core 2 trisaccharide of Mucins of <i>Trypanosoma Cruzi</i></p>	<p>FL18</p> <p>Véronique Blanchard-France</p> <p>In Situ N-Glycosylation Signatures of Epithelial Ovarian Cancer Tissue as Defined by MALDI Mass Spectrometry Imaging</p>	<p>FL19</p> <p>Anna Ballesteros-Spain</p> <p>Rapid and Simple Methodology for the Preparative Scale Release of N-Glycans</p>	<p>FL20</p> <p>Cecilia Romanò-Denmark</p> <p>TACA-αGalCer Conjugates as Novel Cancer Vaccine Candidates</p>
12:21-12:28	<p>FL21</p> <p>Takahiro Moriyama-Japan</p> <p>Development of Efficient Synthesis Method of Carbohydrate Analogues by Direct C-Glycosylation</p>	<p>FL22</p> <p>Macarena Le Pors-Argentina</p> <p>Glycosyl Isoxazoles as Novel Leads for a Targeted Cancer Therapy</p>	<p>FL23</p> <p>Thomas Rexer-Germany</p> <p>Cell-free enzymatic synthesis of nucleotide sugars for the glycoengineering of proteins</p>	<p>FL24</p> <p>Daisuke Takahashi - Japan</p> <p>Creation of a Glycoconjugate Vaccine Candidate against Avian Pathogenic <i>Escherichia coli</i> O1</p>