



SCIENTIFIC PROGRAMME

BRAZIL/SÃO PAULO TIMEZONE - GMT -3

Compare timezone: https://time.is/São_Paulo

SUNDAY - JULY 10

	MAIN ROOM
8:00am-9:30am	Carbohydrate International Organization meeting
9:30am-10:30am	Opening Ceremony and Memorial Address Ivone Carvalho Amelia Pilar Rauter Zbigniew Witczak
10:30am-11:15am	Whistler Award Lecture 2020 “N-Glycans on proteins” Yasuhiro Kajihara (Japan) Chair: TBD
	Young Researcher Lecture Chair: TBD
11:15am-12:00noon	1 st Young Researcher Lecture 2020 “Development of sialic acid chemistry and its application for biological study” Naoko Komura (Japan)
12:00 noon-12:45pm	2 nd Young Researcher Lecture 2020 “Polysaccharide-degrading oxidoreductases” Daniel Kracher (Austria)
	Brazilian Folklore Presentation

*PL: Plenary lecture (45 min); KL: Keynote lecture (30 min); OL: Oral presentation (15 min); FL: Flash presentation (07 min).

Parallel sections: Synthesis 04; Glycobiology 03, Carbohydrate Polymer 02 and Material Sciences, New Development in Glycoscience 03, Carbohydrates for Medicine and Diagnosis 03, Carbohydrate Structure and Analysis 02 and Glycoconjugates and Vaccines 03.



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MONDAY - JULY 11

	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 1 Synthesis Chair: TBD	Section 2 Glycobiology Chair: TBD	Section 3 Carbohydrate Structure and Analysis Chair: TBD	Section 4 Carbohydrate Polymer and Material Sciences Chair: TBD
8:00am-8:30am	KL1 <i>"Synthetic glyco-tools for exploring and exploiting the glycome"</i> Carmen Galan (UK)	KL2 <i>"Harnessing the power of galectin-glycan interactions for the treatment of cancer, autoimmune diseases and infections"</i> Gabriel Rabinovich (ARG)	KL3 <i>"Unusual Glycans for Unusual Viruses"</i> Cristina De Castro (ITA)	KL4 <i>"Novel polysaccharide architectures via selective reactions"</i> Kevin Edgar (USA)
8:30am-9:00am	KL5 <i>"Total Synthesis of Rare Sugar Containing Bacterial Glycoconjugates"</i> Suvarn S. Kulkarni (India)	KL6 <i>"Deep Exploration of the Dynamic and Complex Glycoproteome of our Innate Immune System"</i> Morten T-Andersen (Australia)	KL7 <i>"Targeting C-type lectin receptors for immune modulation"</i> Christoph Rademacher (Austria)	KL8 <i>"Polysaccharide colloids-self-assembly and functional materials"</i> Ahu Gumrah-Parry (UK)
9:00am-9:15am	Break and folklore presentation			
9:15am-10:00am	MAIN ROOM PL1 - Synthesis <i>"Remote Conformational Control of Reactivity in the Formation and Cleavage of Glycosidic Bonds: From the Lab Bench to Nature"</i> David Crich (USA) College of Pharmacy in Athens, GA, USA, University of Georgia Chair: TBD			
10:00am-10:45am	MAIN ROOM PL2 - Glycobiology <i>Title to be confirmed</i> Laura Kiessling (USA) Department of Chemistry, Massachusetts Institute of Technology Chair: TBD			
10:45am-11:00am	Break and folklore presentation			
	ROOM 1 Section 21 - Synthesis Chair: TBD	ROOM 2 Section 22 - Glycobiology Chair: TBD	ROOM 3 Section 23 - Carbohydrate Structure and Analysis Chair: TBD	ROOM 4 Section 24 - Carbohydrate Polymer and Material Sciences Chair: TBD
11:00am-11:15am	OL1	OL2	OL3	OL4
11:15am-11:30am	OL5	OL6	OL7	OL8
11:30am-11:45am	OL9	OL10	OL11	OL12
11:45am-12:00noon	OL13	OL14	OL15	OL16
12:05pm-12:12pm	FL1	FL2	FL3	FL4
12:13pm-12:20pm	FL5	FL6	FL7	FL8
12:21pm-12:28pm	FL9	FL10	FL11	FL12



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TUESDAY - JULY 12

	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 5 Synthesis Chair: TBD	Section 6 New Development in Glycoscience Chair: TBD	Section 7 Carbohydrates for Medicine and Diagnosis Chair: TBD	Section 8 Glycoconjugates and Vaccines Chair: TBD
8:00am-8:30am	KL9 <i>Microwave-Assisted Glycosylation and Immunotherapeutic Development</i> Peter Andreana (USA)	KL10 TBD Bruno J Linclau (Belgium)	KL11 <i>"Unlocking the Sulfation Code of Glycosaminoglycans"</i> Linda-H-Wilson (USA)	KL12 <i>"New technologies pave the way for next generation glycoconjugate vaccines"</i> Maria Rosaria Romano (Italy)
8:30am-9:00am	KL13 <i>"Probing Specific Interactions of Synthetic Cell-Surface Heparan Sulfate Saccharides with Disease-Related Proteins"</i> Shang-Cheng Hung (Taiwan)	KL14 <i>"Siglecs as checkpoints in regulation of immune responses"</i> James C. Paulson (USA)	KL15 <i>"Deciphering the role of glycosylation in cancer: biological functions and implications for therapy"</i> Celso Reis (Portugal)	KL16 <i>"Chemical Synthesis-Driven Glycoconjugate Vaccines for Bacterial Infectious Diseases"</i> Jian Yin (China)
9:00am-9:15am	Break and folklore presentation			
9:15am-10:00am	MAIN ROOM			
	PL3 - Carbohydrate Structure and Analysis <i>"Modeling mechanisms of glycosylation reactions in CAZymes hand-in-hand with experiments"</i> Carme Rovira (Spain) Department of Inorganic and Organic Chemistry, University of Barcelona Chair: TBD			
10:00am-12:00noon	POSTER ROOM			
	Poster sections Synthesis Glycobiology New Development in Glycoscience Carbohydrate Structure and Analysis Carbohydrate Polymer and Material Sciences Carbohydrates for Medicine Diagnosis Glycoconjugates and Vaccines Sponsors			
12:15pm-01:00pm	MAIN ROOM			
	PL4 - New Developments in Glycosciences <i>"Therapeutic Opportunities in Glycoscience"</i> Carolyn Bertozzi (USA) Department of Chemistry, School of Humanities and Sciences, Stanford University Chair: TBD			



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WEDNESDAY - JULY 13

	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 9 Carbohydrates for Medicine Diagnosis Chair: TBD	Section 10 Glycobiology Chair: TBD	Section 11 Carbohydrate Structure and Analysis Chair: TBD	Section 12 Carbohydrate Polymer and Material Sciences Chair: TBD
8:00am-8:30am	KL17 <i>“Surprises from diagnostic kit antibodies: re-investigating specificity using synthetic oligosaccharides”</i> Vadim B. Krylov (Russia)	KL18 <i>“Biological roles of glycans in stem cells”</i> Shoko Nishihara (Japan)	KL19 <i>“Computer-aided engineering of enzymes to access carbohydrates & beyond”</i> Isabelle André (France)	KL20 <i>“Well-defined polymers for interfacial tailoring of cellulosic Nanocomposites”</i> Eva Malmström Jonsson (Sweden)
8:30am-9:00am	KL21 <i>“A molecular view of dietary starch utilization by human gut bacteria”</i> Nicole Koropatkin (USA)	KL22 <i>“Nucleotide sugar biosynthesis and glycosylation in the ‘wrong places’ - how trypanosome parasites set new precedents”</i> Michael A. Ferguson (UK)	KL23 <i>“Discovery and mechanistic elucidation of unprecedented carbohydrate-active protein families”</i> Mario Murakami (Brazil)	KL24 TBD Olli Ikkala (Finland)
9:00am-9:15am	Break and folklore presentation			
9:15am-10:00am	MAIN ROOM PL5 - Synthesis <i>“Challenge to the synthesis of sialoglyco-architectures”</i> Hiromune Ando (Japan) Institute for Glyco-core Research (iGCORE), Gifu University Chair: TBD			
10:00am-10:45am	MAIN ROOM PL6 - Glycoconjugates and Vaccines <i>“Automated Glycan Assembly as Basis for Life Science and Material Science Applications”</i> Peter Seeberger Director at the Max-Planck Institute for Colloids and Surfaces in Potsdam. Professor at the Freie Universität Berlin and honorary Professor at Potsdam University Chair: TBD			
10:45am-11:00am	Break and folklore presentation			
	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 25 - Synthesis Chair: TBD	Section 26 - Carbohydrates for Medicine Diagnosis Chair: TBD	Section 27 - New Development in Glycoscience Chair: TBD	Section 28 - Glycoconjugates and Vaccines Chair: TBD
11:00am-11:15am	OL17	OL18	OL19	OL20
11:15am-11:30am	OL21	OL22	OL23	OL24
11:30am-11:45am	OL25	OL26	OL27	OL28
11:45am-12:00noon	OL29	OL30	OL31	OL32
12:05pm-12:12pm	FL13	FL14	FL15	FL16
12:13pm-12:20pm	FL17	FL18	FL19	FL20
12:21pm-12:28pm	FL21	FL22	FL23	FL24
12:28pm-01:00pm	Carbohydrate Research-Elsevier editors meeting			



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THURSDAY - JULY 14

	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 13 Synthesis Chair: TBD	Section 14 New Development in Glycoscience Chair: TBD	Section 15 Carbohydrates for Medicine and Diagnosis Chair: TBD	Section 16 Glycoconjugates and Vaccines Chair: TBD
8:00am-8:30am	KL25 <i>"Glyco-BODIPYs: Exploring the benefits of novel carbohydrate-BODIPY hybrids"</i> Ana María Gómez López (Spain)	KL26 <i>"Synthetic Staphylococcus aureus glycans for glycoimmunology"</i> Jeroen Codee (Netherlands)	KL27 <i>"Role of precise glycosylation regulation of APP in Aβ production"</i> Yan Zhang (China)	KL28 <i>"Carbohydrate vaccines - a sweet solution in the fight against group A Streptococcus infection"</i> Rachel Stephenson (Australia)
8:30am-9:00am	KL29 <i>"How to conduct the thiol-ene reactions of exo- and endoglycals efficiently and selectively?"</i> Aniko Borbas (Hungary)	KL30 <i>"Role of Glycosylation in the SARS-CoV-2 Spike Structure and Function"</i> Elisa Fadda (Ireland)	KL31 <i>"Glycomimetic Probes for Profiling Glycosidases"</i> Tanja Wrodnigg (Austria)	KL32 <i>"Chemo-enzymatic synthesis of complex glycans to explore host-guest interactions"</i> Geert-Jan Boons (Netherlands)
9:00am-9:15am	Break and folklore presentation			
9:15am-10:00am	MAIN ROOM PL7 - Carbohydrate polymers and Material Sciences <i>"Biomimetic colour engineering from nature to applications"</i> Silvia Vignolini (UK) Yusuf Hamied Department of Chemistry, University of Cambridge Chair: TBD			
10:00am-12:00noon	POSTER ROOM Poster sections Synthesis Glycobiology New Development in Glycoscience Carbohydrate Structure and Analysis Carbohydrate Polymer and Material Sciences Carbohydrates for Medicine Diagnosis Glycoconjugates and Vaccines Sponsors			
12:15pm-01:00pm	MAIN ROOM PL8 - Carbohydrates for Medicine and Diagnosis <i>"Broad-spectrum Vaccines and Antibodies through Glycoengineering"</i> Chi-Huey Wong (USA) Department of Chemistry, Scripps Research Institute, California Genomics Research Center, Academia Sinica, Taiwan Chair: TBD			



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FRIDAY - JULY 15

	ROOM 1	ROOM 2	ROOM 3	ROOM 4
	Section 17 Synthesis Chair: TBD	Section 18 Glycobiology Chair: TBD	Section 19 New Development in Glycoscience Chair: TBD	Section 20 Glycoconjugates and Vaccines Chair: TBD
8:00am-8:30am	KL33 <i>"Merging superacid and carbohydrate chemistries to explore glycosyl cations"</i> Yves Blériot (France)	KL34 <i>"Is glycosylation the link between diabetes and cancer?"</i> Adriane Todeschini (Brazil)	KL35 <i>"Synthetic carbohydrate-based materials"</i> Martina Delbianco (Germany)	KL36 <i>"Optimising Mincle ligands for improved vaccine efficacy."</i> Bridget Stocker (New Zealand)
8:30am-9:00am	KL37 <i>"From glycomimetics to novel multivalent ligands. Synthesis and potential applications"</i> María L. Uhrig (Argentina)	KL38 <i>"Galectin-3 in cancer: from marker to target"</i> Roger Chammas (Brazil)	KL39 <i>"Genetically-encoded Liquid Glycan Arrays"</i> Ratmir Derda (Canada)	KL40 <i>"Structure-Based Design of Potent Tumor-Associated Antigens and their applications to develop cancer vaccines"</i> Francisco Corzana (Spain)
9:00am-9:15am	Break and folklore presentation			
9:15am-10:00am	MAIN ROOM			
	PL9 - Whistler Award Lecture 2022 <i>"Pushing the boundary of chemical syntheses of complex glycans and glycoconjugates"</i> Biao Yu (China) PI Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences & Hangzhou Institute for Advanced Study, University of Chinese Academy of Sciences Chair: TBD			
10:00am-10:45am	MAIN ROOM			
	PL10 Young investigator Lecture 2022 To be announced Chair: TBD			
10:45am-11:00am	Break and folklore presentation			
11:00am-12:00noon	MAIN ROOM			
	Closing Ceremony			