

ICS 2026



32nd International Carbohydrate Symposium
5 – 9 July 2026 | Bratislava, Slovakia



A white silhouette of the Bratislava skyline is positioned on the right side of the image, featuring a prominent building with a spire. A bridge structure is visible on the left, with lines extending from it towards the skyline. The background is a dark blue gradient with a pattern of hexagons and connecting lines, resembling a molecular or network structure.

DETAILED PROGRAMME

www.ics2026.sk

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WELCOME ADDRESS

Welcome to the 32nd International Carbohydrate Symposium in Bratislava!

The International Carbohydrate Organisation and the Organising Committee are delighted to welcome all delegates and guests to the 32nd International Carbohydrate Symposium which is being organised by the Institute of Chemistry at the Slovak Academy of Sciences. The International Carbohydrate Symposium ICS represents the most significant scientific event for carbohydrate chemists and biochemists. We are pleased to announce that we are organising the ICS for the second time, 52 years after the 7th ICS was hosted in Bratislava in 1974.

The ICS 2026 is a continuation of the successful biennial International Carbohydrate Symposia, providing a forum for scientists to discuss a range of topics pertaining to carbohydrates. These include the synthesis of carbohydrates, the structural analysis, spectroscopic and theoretical methods, the biochemistry of glycans and glycoconjugates, and the study of glycobiology and glycomaterials. The programme comprises eight plenary lectures, 32 invited lectures, and oral communications. The poster sessions are to be divided into two blocks on Monday and Tuesday afternoon. It is to be hoped that the programme will encompass all modern trends in the fields of carbohydrate chemistry, biochemistry and glycobiology.

The new building of the Slovak National Theatre has been chosen as the venue for the conference. Located in the heart of the city on the banks of the Danube, the building offers convenient access to the historic centre of the Old Town. It offers flexible, professionally equipped spaces suitable for a variety of events, including large plenary sessions, section lectures, board meetings and exhibitions.

The Organising Committee extends its best wishes for a fruitful and intellectually enriching symposium, and a most enjoyable sojourn in Bratislava and Slovakia.

Sincerely

Miloš Hricovíni
Symposium Chair

COMMITTEES

ORGANISING COMMITTEE

Chair of the Organising committee

Miloš Hricovíni

Organising committee members

Marek Baráth

Jana Blahutová

Pavol Farkaš

Michal Hricovíni

Zuzana Hricovíniová

Jaroslav Katrlík

Juraj Kóňa

Zuzana Košťálová

Stanislav Kozmon

Lenka Lorencová

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Taiwan

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Alexei V. Demchenko

USA

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AWARDS

The Roy L. Whistler International Award in Carbohydrate Chemistry

The Roy L. Whistler International Award in Carbohydrate Chemistry was established in 1984 to acknowledge scientists who have made significant contributions to the fields of carbohydrate chemistry and biochemistry, and who show promise in continuing to make such contributions.

We are honoured to announce that Prof. Dr. Todd L. Lowary will receive this award at the opening ceremony of the 32nd International Carbohydrate Symposium on 5 July 2026.



Todd L. Lowary

the recipient of the Roy L. Whistler Award in 2026
*Institute of Biological Chemistry, Academia Sinica
Taiwan*

Synthesis as an Enabling Technology for Understanding Glycan Biosynthesis and Function

The ICO Young Researcher Award

This award has been created aiming to recognize young researchers for their outstanding contributions in carbohydrate chemistry and glycobiology, encouraging them to pursue the excellence.

We are delighted to announce Dr. Daniel Bojar, Associate Professor in Bioinformatics within the Department of Chemistry and Molecular Biology at the University of Gothenburg, is the winner of the ICO Young Investigator Award in 2026.



Daniel Bojar

the recipient of the ICO Young Investigator Award in 2026
*University of Gothenburg
Sweden*

GlycoTime: The Impact of the Circadian Glycome

POSTER AWARDS

We are pleased to announce that Springer Publishing, the Slovak Chemical Society, and the Institute of Chemistry of the Slovak Academy of Sciences, in collaboration with the SLOVCARB o.z. association, will award prizes for the best posters. A special poster prize for Excellence in Carbohydrate Synthesis will be awarded by Taylor & Francis.

Furthermore, the journal Carbohydrate Research (Elsevier Ltd.) will present four Poster Awards. Each award is accompanied by a prize of 50 EUR.



PLENARY SPEAKERS



Prof. Hiromune Ando

*Gifu University
Japan*

**Advancing sialo glycan synthesis:
Chemical strategies driving
biological insight**



Prof. David Crich

*University of Georgia, Georgia
USA*

**On Oxo- and dioxocarbenium ions
and their roles in glycosylation
reactions**



Prof. Carmen Galan

*University of Bristol
UK*

**Expedient and catalytic strategies
for the synthesis of glycan-based
diagnostics**



Prof. Lara K. Mahal

*University of Alberta
Canada*

**A Sweet Surprise: miRNA
regulation of the glycome**



Prof. Carme Rovira

*University of Barcelona
Spain*

**Deciphering enzymatic
glycosylation mechanisms**



Prof. Mark von Itzstein

*Griffith University
Australia*

**Targeting clinically relevant sialic
acid-recognising respiratory
viruses. From in silico and
synthesis to in vitro and in vivo
studies**



Prof. Manfred Wuhrer

*Leiden University Medical Center
the Netherlands*

**High-throughput glycomics of
health and diseases**



Prof. Biao Yu

*Shanghai Chinese Academy of
Sciences
P. R. China*

**A Personal Account on the
Total Synthesis for Structural
Validation of Natural Glycans and
Glycoconjugates**

INVITED SPEAKERS



Marko Anderluh

*University of Ljubljana
Slovenia*

**New Glycosyltransferase Inhibitors
Targeting the Biosynthesis of
Cancer-Associated Glycans**



Peter R. Andreana

*University of Toledo
USA*

**Microwave-based Glycosylation
Methodology Assists in
Immunotherapeutic Development**



Ana Arda

*CIC bioGUNE, Bilbao
Spain*

**Molecular Mechanisms of Glycan-
Mediated Molecular Recognition**



Zachary Armstrong

*Leiden University
the Netherlands*

**Chemical tools for carbohydrate
modifying enzymes**



Anikó Borbás

*University of Debrecen
Hungary*

**Exploitation of the photoinitiated
thiol-ene reaction for the synthesis
of lectin inhibitors**



Tatiana Budtova

*Ecole Nationale Supérieure
France*

**Pectin Aerogels: transforming
a conventional polysaccharide into
high-performance materials**



Alexei Demchenko

*School of Science and Engineering
USA*

**Hydrogen-bond-mediated
Aglycone Delivery**



Elisa Fadda

*University of Southampton
UK*

**Glycan heterogeneity and other
superpowers: Rationalising
glycoforms' diversity with
computational biophysics and 3D
glycan modelling tools**



Antony Fairbanks

*University of Canterbury
New Zealand*

**Convergent assembly and study
of glycosylated cyclodextrins and
glycosurfaces**



Marco Guerrini

*Institute Ronzoni
Italy*

**Engineering Synthetic Heparanase
Inhibitors: Antimetastatic
Properties and Mechanistic Basis**



Zbigniew Kaczynski

*University of Gdańsk
Poland*

Structural studies of polysaccharides isolated from the cell wall of plant-pathogenic bacteria



Suvarn S. Kulkarni

*Indian Institute of Technology
India*

Chemical Synthesis of Oligosaccharide Repeating Units of ESKAPE Pathogens



Jer-Lai Kuo

*Academia Sinica
Taiwan*

AI assisted search for low-energy conformers of mono- and di-saccharides and comparison with experimental vibrational spectra



Cristina Nativi

*University of Florence
Italy*

Sulfur-Mediated Routes to Bioactive Glycan Analogues



Francesco Nicotra

*University of Milano-Bicocca
Italy*

Glycosylated ECM, AI/ML guided synthesis and cell fate modulation



Nikolaj Nifantiev

*Russian Academy of Sciences
Russia*

Development of Automated Systems for Glycodiagnostics



Vered Padler-Karavani

*Tel Aviv University
Israel*

Glycans in immune recognition and responses



Kevin Pagel

*Freie Universität Berlin
Germany*

Infrared Spectroscopy in a Mass Spectrometer – Molecular Fingerprints for Glycomics



Zuzana Pakanová

*Slovak Academy of Sciences
Slovakia*

Mass spectrometry in glycobiology: from glycan structure to clinical application



Kamil Parkan

*University of Chemistry and Technology
Czech Republic*

Synthetic strategies toward s-disaccharide glycomimetics with galectin-3 selectivity



Serge Perez

*Centre de Recherches sur les Macromolécules Végétales
France*

The Essence of Polysaccharides



Christoph Rademacher

*University of Vienna
Austria*

Development and application of C-type lectin ligands for targeted delivery



Amélia Pilar Rauter

*University de Lisboa
Portugal*

**Exploitation of sugar chemistry
against neurodegeneration**



Winfried Römer

*University of Freiburg
Germany*

**Host glycans trap bacterial
lectins to activate the NLRP3
inflammasome**



Sergey Samsonov

*University of Gdansk
Poland*

**Decrypting the “sulfation code”
of glycosaminoglycans for
understanding their function in the
extracellular matrix**



Feng Shao

*National Institute of Biological
Sciences
P. R. China*

**Immunity to bacterial LPS & ADP-
heptose: Pyroptosis & Beyond**



Matthieu Sollogoub

*Sorbonne University
France*

**Can Sugars Play the Role of
Proteins? Biomimetic Assemblies
and Molecular Machinery with
Cyclodextrins**



Hiroaki Tateno

*National Institute of Advanced
Industrial Science and Technology
Japan*

**GlycoChat: Decoding Glycan-
Lectin Circuits in Pancreatic Cancer
at Single-Cell Resolution**



Bruce Turnbull

*University of Leeds
UK*

**Engineering Glycan Recognition
at Membranes: From Model
Glycocalyxes to Lectin Based
Fusogens**



Paula Videira

*University of Lisbon
Portugal*

**Restoring Glycan Homeostasis:
Therapeutic Convergence of
Cancer Immunobiology and CDG**



David Vocadlo

*Simon Fraser University
Canada*

**Chemical biology tools for probing
and perturbing carbohydrate
processing enzymes in mammalian
systems**



Ed Yates

*University of Liverpool
UK*

**β-D-glucuronides of dietary
phenols; tools for probing
biological activity**

PROGRAMME AT A GLANCE

Sunday, 5 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
13:00-19:00	REGISTRATION			
13:00	ICO Board Meeting (Presidential Lounge)			
16:00-16:30	OPENING CEREMONY (Drama Hall)			
Chair	Carmen Galan			
16:30-17:15	Whistler award Todd Lowary			
Chair	Amelia Rauter			
17:15-18:00	Young Researcher Award Daniel Bojar			
18:30-21:00	WELCOME RECEPTION			

Monday, 6 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
Chair	David Crich			
8:45-9:30	Hiromune Ando PL1			
9:30-10:15	Manfred Wuhrer PL2			
10:15-10:45	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Glycobiology & Glycomics	Glycomaterials
Chair	Hiromune Ando	Nikolay Nifantiev	Elisa Fadda	Antony Fairbanks
10:45-11:15	Matthieu Sollogoub IL1	Feng Shao IL2	David Vocadlo IL3	Tatiana Budtova IL4
11:15-11:30	Xuwei Liu OC1	Celso Reis OC2	Valentin Wittmann OC3	Shiro Komba OC4
11:30-11:45	Denis Giguère OC5	Shin-Ichiro Nishimura OC6	Michaela Wimmerová OC7	Oshrat Levy-Ontman OC8
11:45-12:00	Guozhi Xiao OC9	Mads H. Clausen OC10	Yan Liu OC11	Juan M. Benito OC12
12:00-12:15	Yves Bleriot OC13	Georgia-Myrto Prifti OC14	Tadashi Suzuki OC15	Paolo Di Gianvincenzo OC16
12:15-12:30	Paul Trotier OC17	Rachel Hevey OC18	Ronghu Wu OC19	Jun-ichi Tamura OC20
12:30-14:00	LUNCH (Exhibition Hall, 2nd Floor)			

Monday, 6 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Glycobiology & Glycomics	Bioinformatics & Molecular modelling
Chair	Xuwei Liu	Winfried Römer	Yan Liu	Miloš Hricovíni
14:00-14:30	Suvarn S. Kulkarni IL5	Nikolay Nifantiev IL6	Hiroaki Tateno IL7	Jer-Lai Kuo IL8
14:30-14:45	Lai-Xi Wang OC21	Alvaro Mallagaray OC22	Ulrika Westerlind OC23	Nicole Richardson OC24
14:45-15:00	Luigi Lay OC25	Filipa Marcelo OC26	Wieslaw Kaca OC27	Olga Makshakova OC28
15:00-15:15	Daan Hoogers OC29	Joseph P. Byrne OC30	Milena Bartoloni OC31	Sonsoles Martín-Santamaría OC32
15:15-15:30	Mattan Hurevich OC33	Mirane Florencio-Zabaleta OC34	Yehia Mechref OC35	Marta Pačielska OC36
15:30-15:45	Maciej Malinowski OC37	Konstantinos Flevaris OC38	Oren Moscovitz OC39	Kai-Eng Ooi OC40
15:45-16:15	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health / Synthesis	Glycobiology & Glycomics/ Biochemistry of Carbohydrates	Glycomaterials
Chair	Pavla Bojarová	Antoni Planas	Manfred Wuhrer	Francesco Nicotra
16:15-16:45	Alexei Demchenko IL9	Vered Padler-Karavani IL10	16:15–16:30 Nozomi Ishii OC184 16:30–16:45 Yuanyuan Jiang OC185	Antony Fairbanks IL12
16:45-17:00	Pedro Vieira OC41	Ana Raquel Ribeiro OC42	Anthony Clarke OC43	Chian-Hui Lai OC44
17:00-17:15	Soumyakanta Maji OC45	François Le Mauff OC46	Atit Silsirivanit OC47	Hana Maalej OC48
17:15-17:30	Daniela Gamenara OC49	Bastian Bohrer OC50	Mei-Ting Lin OC51	Kota Kotera OC52
17:30-17:45	Maroš Bella OC53	Eliška Filipová OC54	Naoya Tajima OC55	Jakub Zýka OC56
17:45-18:00	Bodhayan Biswas OC57	Lei Li OC58	Sayani Ghosh OC59	Vincent Verhoeks OC60

Tuesday, 7 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
Chair	Biao Yu			
8:45-9:30	Lara K. Mahal PL3			
9:30-10:15	David Crich PL4			
10:15-10:45	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			
	Structural analysis	Glycans & Health	Biochemistry of carbohydrates	Glycoconjugates
Chair	Jesus Jimenez Barbero	Mark von Itzstein	Ed Yates	Yukari Fujimoto
10:45-11:15	Serge Perez IL13	Winfried Römer IL14	Zachary Armstrong IL15	Bruce Turnbull IL16
11:15-11:30	Robert Woods OC61	Chun-Hung Lin OC62	Spencer Williams OC63	Kohki Fukushi OC64
11:30-11:45	Antonella Bisio OC65	Alexander Titz OC66	Antoni Planas OC67	Zhao-Xun Liang OC68
11:45-12:00	Luca Unione OC69	Annabelle Varrot OC70	Ratmir Derda OC71	Desh Deepak Singh OC72
12:00-12:15	Angeles Canales OC73	Young-Bo Song OC74	Josef Voglmeir OC75	Vojtěch Hamala OC76
12:15-12:30	Andreas Baumeister OC77	Angela Casillo OC78	Kiichiro Totani OC79	Giuseppe Stefanetti OC80
12:30-14:00	LUNCH (Exhibition Hall, 2nd Floor)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Structural analysis	Biochemistry of carbohydrates
Chair	Carme Rovira	Marko Anderluh	Ana Arda	Luigi Lay
14:00-14:30	Cristina Nativi IL17	Peter R. Andreana IL18	Kevin Pagel IL19	Ed Yates IL20
14:30-14:45	Pavla Bojarová OC81	Je-Hyun Park OC82	Sabrina Bertini OC83	Peter Greimel OC84
14:45-15:00	Guoqing Zhang OC85	Roger A Laine OC86	Carolina Fontana OC87	Tanja Wrodnigg OC88
15:00-15:15	Go Hirai OC89	Izabela Pawlaczyk-Graja OC90	Punit Kaur OC91	Vladimír Křen OC92
15:15-15:30	Giusi Aresta OC93	John Dolan OC94	Akihiro Ishiwata OC95	Adam W. E. Stewart OC96
15:30-17:30	POSTER SESSION (Foyer)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Structural analysis	Glycoconjugates
Chair	Anikó Borbás	Vladimír Křen	Marco Guerrini	Bruce Turnbull
17:30-17:45	Ashis Dhara OC97	Won-Min Lee OC98	Xiang Hu OC99	Yukari Fujimoto OC100
17:45-18:00	Michael Bruckner OC101	Géraud Kpahoun OC102	Xia Zhou OC103	Zirong Huang OC104
18:00-18:15	Jasper Dumalaog OC105	Karol Postrožny OC106	Anabel Torrente-López OC107	Eduardo Cláudio de Sousa OC108
18:15-18:30	Kevin Kappes OC109	Gavin Miller OC110	Haruto Taguchi OC111	David Kostadinov OC112
20:00-21:30	CULTURAL EVENT (ST. MARTIN'S CATHEDRAL)			

Wednesday, 8 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
Chair	Lara Mahal			
8:45-9:30	Mark von Itzstein PL5			
9:30-10:15	Carme Rovira PL6			
10:15-10:45	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Structural analysis	Glycobiology & Glycomics
Chair	Suvarn S. Kulkarni	Peter R. Andreana	Zbigniew Kaczynski	David Vocadlo
10:45-11:15	Anikó Borbás IL21	Paula Videira IL22	Marco Guerrini IL23	Elisa Fadda IL24
11:15-11:30	Hien M. Nguyen OC113	Eva Wan OC114	Chi-Kung Ni OC115	Noortje de Haan OC116
11:30-11:45	Millie Curran OC117	Steven Sucheck OC118	Iris A. Bermejo OC119	Matthew Macauley OC120
11:45-12:00	Maxim Romanyuck OC121	Kuei-Yao Tseng OC122	Yoni Haitin OC123	Cristina Fernández Pérez OC124
12:00-12:15	Qingju Zhang OC125	Rintaro Nakahashi OC126	Daria Grzywacz OC127	Jindřich Karban OC128
12:15-13:45	LUNCH (Exhibition Hall, 2nd Floor)			
14:00	TOURS (EXTERNAL)			

Thursday, 9 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health	Structural analysis	Bioinformatics & Molecular modelling
Chair	Cristina Nativi	Paula Videira	Alfred D. French	Robert Woods
8:45-9:15	Kamil Parkan IL25	Marko Anderluh IL26	Ana Arda IL27	Sergey Samsonov IL28
9:15-9:30	Michael W. Meanwell OC129	Mateusz Marianski OC130	Amit Basu OC131	Ojas Singh OC132
9:30-9:45	Laura Diaz-Casado OC133	Seyed Omar Zariaei OC134	Carolina O. Pandeirada OC135	Stefano Elli OC136
9:45-10:00	Sheng-Kai Wang OC137	Haoru Zhuang OC138	Diego Del Balzo OC139	Peter Poliak OC140
10:00-10:15	Javier Ramos-Soriano OC141	Tomonari Tanaka OC142	Jolanta Lukasiewicz OC143	Naoko Komura OC144
10:15-10:30	Ching-Ching Yu OC145	Cheng-Hsiu Chang OC146	Bethany Paterson OC147	Oana Popa OC148
10:30-11:00	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			

Thursday, 9 July 2026

	Drama Hall	Studio	Opera Lounge	Blue Lounge
	Glycans & Health/ Synthesis	Structural analysis/ Synthesis	Glycobiology & Glycomics	Glycomaterials/ Synthesis
Chair	Celso Reis	Kevin Pagel	Valentin Wittmann	Tatiana Budtova
11:00-11:30	Amélia Pilar Rauter IL29	Zbigniew Kaczynski IL30	Zuzana Pakanová IL31	Francesco Nicotra IL32
11:30-11:45	Davide Ret OC149	Inés Lera-Lasso OC150	Lianne Willems OC151	Erin Tait OC152
11:45-12:00	Alessandra Damico OC153	Atsushi Shimoyama OC154	Michaela Mikysková OC155	Philip Sgarz OC156
12:00-12:15	Moescha Hoopman OC157	Hanna Perius OC158	Sebastian P. Galuska OC159	Liam N. D. Beardmore OC160
12:15-12:30	Aleš Krčil OC161	Mukul Mahanti OC162	Alba Hykollari OC163	Mária Mastihubová OC164
12:30-12:45	Martina Escorial OC165	Deepak Kushwaha OC166	Agnes L. Hipgrave Ederveen OC167	Katharina Obleser OC168
12:45-14:00	LUNCH (Exhibition Hall, 2nd Floor)			
	Synthesis of carbohydrates and glycoconjugates	Glycans & Health/ Synthesis	Structural analysis/ Synthesis	Glycobiology & Glycomics
Chair	Matthieu Sollogoub	Peter Greimel	Nicole Richardson	Tanja Wrodnigg
14:00-14:15	Nam-Hai Hoang OC169	Adrià Duran Sidera OC170	Yasmin van der Velden OC171	María Payá-García OC172
14:15-14:30	Abhijit Sau OC173	Ben Mohan OC174	Natalie Condino OC175	Oleg A. Mayboroda OC176
14:30-14:45	Dileep Paladugu OC177	Beshoy Tawfik OC178	Sergio Adorna-Sánchez OC179	István Kacsir OC180
14:45-15:00	Sheng Yang OC181	Yonatan Sukhran OC182	Andrea Furdová OC183	
15:00-15:30	COFFEE BREAK (Foyer & Exhibition Area, 3rd Floor)			
Chair	Alexei Demchenko			
15:30-16:15	Carmen Galan PL7			
16:15-17:00	Biao Yu PL8			
17:00-17:30	CLOSING CEREMONY (Drama Hall)			
19:00-22:00	SYMPOSIUM DINNER (DOCK 7)			

DETAILED PROGRAMME

Sunday, 5 July 2026

		13:00–19:00	Registration
Presidential Lounge		13:00	ICO Board Meeting
Drama Hall		16:00–16:30	5 July 2026 – Opening Ceremony
5 July 2026 – Awards			
Drama Hall	Chair: Carmen Galan	16:30–17:15	The Roy L. Whistler International Award in Carbohydrate Chemistry: Synthesis as an Enabling Technology for Understanding Glycan Biosynthesis and Function Todd Lowary (<i>Institute of Biological Chemistry, Academia Sinica, Taiwan</i>)
	Chair: Amelia Rauter	17:15–18:00	The ICO Young Researcher Award: GlycoTime: The Impact of the Circadian Glycome Daniel Bojar (<i>University of Gothenburg, Sweden</i>)
		18:30–21:00	5 July 2026 – Welcome Reception

Monday, 6 July 2026

6 JULY 2026 – PLENARY SESSION 1

Drama Hall	Chair: David Crich	08:45–09:30	PL1: Advancing sialo glycan synthesis: Chemical strategies driving biological insight Hiromune Ando (<i>Institute for Glyco-core Research, Gifu University, Japan</i>)
		09:30–10:15	PL2: High-throughput glycomics of health and diseases Manfred Wuhrer (<i>Leiden University Medical Center, the Netherlands</i>)
		10:15–10:45	Coffee Break

6 JULY 2026 – PARALLEL SESSION 1

Synthesis of carbohydrates and glycoconjugates

Drama Hall	Chair: Hiromune Ando	10:45–11:15	IL1: Can Sugars Play the Role of Proteins? Biomimetic Assemblies and Molecular Machinery with Cyclodextrins Matthieu Sollogoub (<i>Sorbonne University, France</i>)
		11:15–11:30	OC1: Synthetic Peptidoglycan Substrates as Chemical Tools to Probe and Target Bacterial Transglycosylases Xuwei Liu (<i>Nanyang Technological University, Singapore</i>)
		11:30–11:45	OC5: Selective Functionalization of Levoglucosan and Analogues for the Synthesis of Structurally Relevant Carbohydrates Denis Giguère (<i>Université Laval, Canada</i>)
		11:45–12:00	OC9: Streamline carbohydrates synthesis through new methods and strategies Guozhi Xiao (<i>Kunming Institute of Botany, Chinese Academy of Science, China</i>)
		12:00–12:15	OC13: N-sulfonyl azalevogluconan, a versatile platform for the diversity-oriented synthesis of iminosugars Yves Bleriot (<i>Poitiers University, France</i>)
		12:15–12:30	OC17: Elicityl: Accelerating glycoscience research Paul Trotier (<i>Elicityl, France</i>)
		12:30–14:00	Lunch

Synthesis of carbohydrates and glycoconjugates

Drama Hall	Chair: Xuewei Liu	14:00–14:30	IL5: Chemical Synthesis of Oligosaccharide Repeating Units of ESKAPE Pathogens Suvarn S. Kulkarni (<i>Indian Institute of Technology Bombay, India</i>)
		14:30–14:45	OC21: Chemoenzymatic synthesis of selectively fluorinated HIV-1 glycopeptides and antibodies for probing biological functions Lai-Xi Wang (<i>University of Maryland, United States</i>)
		14:45–15:00	OC25: Harnessing Commensal Lipid Architecture: Toward Immunomodulatory glycolipids inspired by <i>Bacteroides fragilis</i> Lipid A Luigi Lay (<i>University of Milan, Italy</i>)
		15:00–15:15	OC29: Mapping the Glycosylation Mechanism of 3,6-Anhydro-Galactosides for the Synthesis of Defined Agarose Fragments and Probes Daan Hoogers (<i>Leiden Institute of Chemistry, the Netherlands</i>)
		15:15–15:30	OC33: Stirring through glycopeptide synthesis misconceptions Mattan Hurevich (<i>The Hebrew University of Jerusalem, Israel</i>)
		15:30–15:45	OC37: Organometallic marriage of sugars with porphyrins – new strategies towards glycoporphyrins Maciej Malinowski (<i>Warsaw University of Technology, Poland</i>)
		15:45–16:15	

Synthesis of carbohydrates and glycoconjugates

Drama Hall	Chair: Pavla Bojarová	16:15–16:45	IL9: Hydrogen-bond-mediated Aglycone Delivery Alexei Demchenko (<i>Saint Louis University, United States</i>)
		16:45–17:00	OC41: Glycomimetics as Chemical Tools to Study $\alpha(1\rightarrow3)$ -Fucosyltransferases Pedro Vieira (<i>University of Florence, Italy</i>)
		17:00–17:15	OC45: First Total Synthesis of a structurally Complex Conjugation-ready Tetrasaccharide RU of <i>Vibrio cholerae</i> O:3 O-antigen Soumyakanta Maji (<i>IIT Bombay, India</i>)
		17:15–17:30	OC49: Bio- and organocatalysis in the key steps for the synthesis of glycomimetics with potential biological activity Daniela Gamenara (<i>Facultad de Química, Universidad de la República, Uruguay</i>)
		17:30–17:45	OC53: Swainsonine-based iminosugars as selective inhibitors of Golgi α -mannosidase II Maroš Bella (<i>Institute of Chemistry, Slovak Academy of Sciences, Slovakia</i>)
		17:45–18:00	OC57: Automated synthesis of monosaccharide building blocks and applications in oligosaccharide synthesis Bodhayan Biswas (<i>University College Dublin, Ireland</i>)

6 JULY 2026 – PARALLEL SESSION 2

Glycans & Health

Studio	Chair: Nikolay Nifantiev	10:45–11:15	IL2: The ADP-heptose/ALPK1 innate immune pathway: from antibacterial defense to antitumor immunity Feng Shao (<i>National Institute of Biological Sciences, China</i>)
		11:15–11:30	OC2: Glycans as potential targets for novel cancer immunotherapeutic approaches Celso Reis (<i>Institute for Research and Innovation in Health of the University of Porto, Portugal</i>)
		11:30–11:45	OC6: Nanomedicine targeting pancreatic cancer cell surface neuraminidase-1 Shin-Ichiro Nishimura (<i>Hokkaido University, Japan</i>)
		11:45–12:00	OC10: Development of carbohydrate based vaccines Mads Clausen (<i>Technical University of Denmark, Denmark</i>)
		12:00–12:15	OC14: Chemical tools for the precision targeting of the Golgi organelle in cancer Georgia Myrto Prifti (<i>University of Florence, Italy</i>)
		12:15–12:30	OC18: Glycomimetic collectin-11 antagonists as a tool to study lectin-mediated ischemic injury during kidney transplantation Rachel Hevey (<i>University of Basel, Switzerland</i>)
			12:30–14:00

Glycans & Health

Studio

Chair:
Winfried
Römer

14:00–14:30

IL6: Development of automated systems for glycodiagnostics
Nikolay Nifantiev (*N.D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Russian Federation*)

14:30–14:45

OC22: GlycoNMR: Fast Quantification of Plasma N-glycosylation Profiles Associated to Cancer Progression and Inflammatory Processes by NMR
Alvaro Mallagaray (*University of Luebeck, Germany*)

14:45–15:00

OC26: Targeting Tumour-Associated Glycans via Macrophage Galactose C-Type Lectin (MGL): From Molecular Recognition to Glycan-Directed Cancer Therapies
Filipa Marcelo (*NOVA FCT/UCIBIO, Portugal*)

15:00–15:15

OC30: Luminescent glycoconjugate complexes and materials as sensors for bacterial lectins, and associated antiadhesive properties
Joseph Byrne (*University College Dublin, Ireland*)

15:15–15:30

OC34: Unravelling the glycan recognition properties of human galectin-9
Mirane Florencio-Zabaleta (*CIC bioGUNE, Spain*)

15:30–15:45

OC38: Machine learning-based identification of IgG N-glycan biomarkers in inflammatory bowel disease
Konstantinos Flevaris (*Imperial College London, United Kingdom*)

15:45–16:15

Coffee Break

Glycans & Health / Synthesis

Studio

Chair:
Antoni Planas

16:15–16:45

IL10: Impact of Glycosylation on Biotherapeutic Drugs
Vered Padler-Karavani (*Tel Aviv University, Israel*)

16:45–17:00

OC42: Exploring the molecular dynamics of Heparan Sulfate and Chondroitin Sulfate expression in gastric cancer
Ana Raquel Ribeiro (*ICBAS-UP, Portugal*)

17:00–17:15

OC46: The two polymers behind one false identity, a new perspective on *Aspergillus fumigatus* biofilms.
Francois Le Mauff (*Research Institute of the McGill University Health Centre, Canada*)

17:15–17:30

OC50: Hydroxybenzoic Galactosides as Potent LecA Inhibitors: From SAR Studies to an Anti-Adhesive Prodrug Strategy.
Bastian Bohrer (*CERMAV, IBS, France*)

17:30–17:45

OC54: Human blood group glycosyltransferases GTA and GTB in the synthesis of blood group antigens
Eliška Filipová (*Institute of Microbiology of the CAS, Laboratory of Biotransformation, Czech Republic*)

17:45–18:00

OC58: Covalent Oseltamivir Aziridines as Mechanism-Based Inhibitors and Probes of Influenza Neuraminidase
Lei LI (*Leiden Institute of Chemistry, Leiden, the Netherlands*)

6 JULY 2026 – PARALLEL SESSION 3

Glycobiology & Glycomics

Opera
Lounge

Chair:
Elisa Fadda

10:45–11:15

IL3: Chemical tools for quantifying glycosidase activities directly within cells and their application to uncovering disease biology
David Vocadlo (*Simon Fraser University, Canada*)

11:15–11:30

OC3: Metabolic Glycoengineering for Studying Protein O-GlcNAcylation and the Vestibular Organ of Zebrafish
Valentin Wittmann (*University of Konstanz, Germany*)

11:30–11:45

OC7: When pathogens read sugars: Unraveling microbial lectins
Michaela Wimmerova (*Masaryk University, Czech Republic*)

11:45–12:00

OC11: Recent Advances in Glycosaminoglycan Microarrays: Illuminating New Nodes in the GAG Interactome
Yan Liu (*Imperial College London, United Kingdom*)

12:00–12:15

OC15: Identification of genes encoding DLO-PP^{ase}
Tadashi Suzuki (*RIKEN Pioneer Research Institute, Japan*)

12:15–12:30

OC19: Comprehensive Characterization of Glycoproteins on the Cell Surface and Their Dynamics using Mass Spectrometry-Based Proteomics
Ronghu Wu (*Georgia Institute of Technology, United States*)

12:30–14:00

Lunch

Glycobiology & Glycomics

Opera
Lounge

Chair:
Yan Liu

14:00–14:30	IL7: GlycoChat: Decoding Glycan–Lectin Circuits in Pancreatic Cancer at Single-Cell Resolution Hiroaki Tateno (National Institute of Advanced Industrial Science and Technology, Japan)
14:30–14:45	OC23: Understanding the Mucus degradation Machinery by Employing Synthetic Mucin Tandem Repeat Glycopeptides Ulrika Westerlind (Chemistry, Sweden)
14:45–15:00	OC27: Time and dose-dependent <i>Protues mirabilis</i> S1959(O3) lipopolysaccharide endotoxicity, evaluated on <i>Galleria mellonella</i> larvae model Wieslaw Kaca (Jan Kochanowski University of Kielce, Poland)
15:00–15:15	OC31: 19F-tagged galectins to monitor glycan binding in complex environments Milena Bartoloni (CICbioGUNE, Spain)
15:15–15:30	OC35: Advancing Glycomics and Glycoproteomics by LC–MS: Resolving Glycan Isomers and Enabling Multi-Omics Biomarker Discovery Yehia Mechref (Texas Tech University, United States)
15:30–15:45	OC39: Serotype-Specific <i>Streptococcus pneumoniae</i> Modulates Tumor-Associated Macrophages and PD-L1 Expression in Lung Cancer Oren Moscovitz (Reichman University, Israel)
15:45–16:15	Coffee Break

Glycobiology & Glycomics / Biochemistry of Carbohydrates

Opera
Lounge

Chair:
Manfred
Wuhrer

16:15–16:30	OC184: Synthesis of ENGase inhibitors for glycan recognition analysis Nozomi Ishii (Gunma University, Japan)
16:15–16:30	OC185: Synthesis of Listeria Wall Teichoic Acids for Probing the Human Antibody Repertoire Yuanyuan Jiang (Leiden University, the Netherlands)
16:30–16:45	OC43: Structure and function of peptidoglycan O-acetyltransferase A, an integral membrane acyltransferase Anthony Clarke (Wilfrid Laurier University, Canada)
17:00–17:15	OC47: Detection of meningioma serum glycomarker using <i>Ulex europaeus</i> agglutinin-I Atit Silsirivanit (Khon Kaen University, Thailand)
17:15–17:30	OC51: Scalable Enzymatic Synthesis of Free-Reducing Human Milk Oligosaccharides via a β -Galactosidase-Resistant Tagging Strategy Mei-Ting Lin (National Tsing Hua University, Taiwan)
17:30–17:45	OC55: Elucidation of N-linked glycans recognition mechanism of endo- β -N-acetylglucosaminidase from <i>Coprinopsis cinerea</i> : Focusing on core and aglycone structures Naoya Tajima (Department of Science and Technology, Seikei University, Japan)
17:45–18:00	OC59: Study of a thermophilic GH3 β -glucosidase from <i>Rhodothermus marinus</i> and the role of its non-catalytic domains in biomass degradation Sayani Ghosh (Indian Institute of Science Education and Research, India)

6 JULY 2026 – PARALLEL SESSION 4

Glycomaterials

Blue Lounge

Chair:
Antony
Fairbanks

10:45–11:15	IL4: Pectin Aerogels: transforming a conventional polysaccharide into high-performance materials Tatiana Budtova (Mines Paris, PSL University, Center for Materials Forming (CEMEF), France)
11:15–11:30	OC4: Synthesis and Functional Properties of Fatty Acid Derivatives of Maltobionic Acid and Oxidized Dextrin: Oil Gelation and Collagen Production Shiro Komba (National Agriculture and Food Research Organization, Japan)
11:30–11:45	OC8: Depletion of sulfate moieties from polysaccharides derived from <i>Porphyridium cruentum</i> using an electric method Oshrat Levy-Ontman (Shamoon College of Engineering (SCE), Israel)
11:45–12:00	OC12: Photoswitchable Azobenzene-bridged Ionizable Amphiphilic Janus Glycosides: en route to Spatio-Temporal Control of Nucleic Acid Delivery Juan M Benito (Institute for Chemical Research, CSIC-University of Seville, Spain)
12:00–12:15	OC16: Preparation, characterization and anticancer activity of β -cyclodextrin nanosponges formulated with two chemotherapeutic drugs Paolo Di Gianvincenzo (CICbiomaGUNE, Spain)
12:15–12:30	OC20: Regio- and Stereoselective Synthesis of the Biotin-Conjugated Keratan Sulfate Hexa- and Octasaccharide in the Repeating Disaccharide Region Jun-ichi Tamura (The United Graduate School of Agricultural Sciences, Tottori Univ., Japan)

12:30–14:00 **Lunch**

Bioinformatics & Molecular modelling

Blue Lounge

Chair:
Miloš Hricovini

14:00–14:30

IL8: AI assisted identification of low-energy conformers of mono- and di-saccharides and comparison with experimental vibrational spectra

Jer-Lai Kuo (*Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan*)

14:30–14:45

OC24: Deciphering the 3D Antigenic Landscape of *Staphylococcus aureus* Capsular Polysaccharides through Molecular Modelling

Nicole Richardson (*University of Cape Town, South Africa*)

14:45–15:00

OC28: When flexible glycans meet flexible proteins: what we have learnt by applying FTIR-spectroscopy and computer modelling to complexes with sulfated polysaccharides

Olga Makshakova (*University of Freiburg, Germany*)

15:00–15:15

OC32: The distinct binding of typical and atypical LPS to toll-like receptors 2 and 4. A computational exploration

Sonsoles Martin-Santamaria (*Centro de Investigaciones Biológicas Margarita Salas, CSIC, Spain*)

15:15–15:30

OC36: PapayaDB: A Web-Based Database of Cathepsin–GAG in silico Interactions

Marta Pagielska (*University of Gdańsk, Poland*)

15:30–15:45

OC40: Substrate Scope and Synthetic Utility of an α 1,3/4-Fucosyltransferase from *Bacteroides fragilis*

Kai-Eng Ooi (*Department of Chemistry, National Tsing Hua University, Taiwan*)

15:45–16:15

Coffee Break

Glycomaterials

Blue Lounge

Chair:
Francesco Nicotra

16:15–16:45

IL12: Convergent assembly and study of glycosylated cyclodextrins and glycosurfaces

Antony Fairbanks (*University of Canterbury, New Zealand*)

16:45–17:00

OC44: Engineering Multivalent Mannose Interfaces for Biointerfacial Recognition and Biomedical Applications

Chian-Hui Lai (*National Chung Hsing University, Taiwan*)

17:00–17:15

OC48: Olive stone-derived polysaccharide-based biofilms for food and cosmetic applications

Hana Maalej (*Faculty of Sciences of Gabes, University of Gabes, Tunisia*)

17:15–17:30

OC52: Evaluation of Binding Affinity for Laminin with Matriglycan Oligosaccharides and the Dendrimers

Kota Kotera (*The United Graduate School of Agricultural Sciences, Tottori Univ., Japan*)

17:30–17:45

OC56: Photoinitiated 1,2-cis addition to 2-alkoxyglycals – stereoselective route to thioglycosides and glycosylazoles with interesting properties

Jakub Zýka (*UCT Prague, Czech Republic*)

17:45–18:00

OC60: Four of a kind: chemical synthesis of nonulosonic acid-containing *Acinetobacter baumannii* K-glycans

Vincent Verhoevs (*Leiden University, the Netherlands*)

Tuesday, 7 July 2026

7 JULY 2026 – PLENARY SESSION 2

Drama Hall

Chair:
Biao Yu

08:45–09:30

PL3: A Sweet Surprise: miRNA regulation of the glycome

Lara Mahal (*University of Alberta, Canada*)

09:30–10:15

PL4: On Oxo- and dioxocarbenium ions and their roles in glycosylation reactions

David Crich (*University of Georgia, United States*)

10:15–10:45

Coffee Break

7 JULY 2026 – PARALLEL SESSION 5

Drama Hall	Chair: Jesus Jimenez Barbero	Structural analysis	
		10:45–11:15	IL13: The Essence of Polysaccharides Serge Perez (CERMAV-CNRS - University Grenoble Alpes, France)
		11:15–11:30	OC61: Are N-Linked glycans intrinsically disordered? Robert Woods (University of Georgia, Complex Carbohydrate Research Center, United States)
		11:30–11:45	OC65: Content and Location of 3-O-Sulfated Glucosamine. Structural Determinants Differentiating Ovine Heparin from Bovine and Porcine Heparins Antonella Bisio (Istituto di Ricerche Chimiche e Biochimiche G. Ronzoni, Italy)
		11:45–12:00	OC69: Glycan receptor specificities of human viruses Luca Unione (CICbioGUNE, Spain)
		12:00–12:15	OC73: Structural insights into Man9 recognition by the HIV antibody 2G12 revealed by paramagnetic NMR Angeles Canales (Complutense University, Spain)
		12:15–12:30	OC77: Glycoprotein analysis with MALDI-DIT in MS ¹ , MS ² , and MS ³ Andreas Baumeister (Center of Innovation and Product Support, Shimadzu Europa GmbH, Germany)
		12:30–14:00	Lunch
Drama Hall	Chair: Carme Rovira	Synthesis of carbohydrates and glycoconjugates	
		14:00–14:30	IL17: Sulfur-mediated Routes to Bioactive Glycan Analogues Cristina Nativi (University of Florence, Italy)
		14:30–14:45	OC81: How to improve pharmacokinetics of glycoconjugates in vivo Pavla Bojarová (Institute of Microbiology, Czech Academy of Sciences, Czech Republic)
		14:45–15:00	OC85: Visible Light-Induced Synthesis of 2-Deoxy Sugars Guoqing Zhang (School of Chemistry and Molecular Biosciences, The University of Queensland, Australia)
		15:00–15:15	OC89: Linkage-Editing of β-Glucosylceramide by β-Selective C-Glucosylation Generates Potent Mincle Ligands Go Hirai (Kyushu University, Japan)
		15:15–15:30	OC93: Synthesis of Streptococcus pneumoniae 6A/6C Oligosaccharides for Vaccine Applications Giusi Aresta (Dipartimento di Chimica, Università degli studi di Milano, Italy)
		15:30–17:30	Poster Session (Foyer)
Drama Hall	Chair: Anikó Borbás	Synthesis of carbohydrates and glycoconjugates	
		17:30–17:45	OC97: Tertiary N-Galactopyranosylbenzamides as Potent and High Selective Glycomimetic Inhibitors of Galectin-3 Ashis Dhara (University of Galway, Ireland)
		17:45–18:00	OC101: Synthetic approaches towards tetrasaccharide fragments of secondary cell wall polysaccharides containing pyruvylated β-D-ManNAc units Michael Bruckner (BOKU University, Austria)
		18:00–18:15	OC105: Copper(II) Trifluoromethanesulfonate as an Efficient, Versatile, and Dual-Purpose Catalyst for the Regioselective Acetylation of L-Sorbose under Neat and Solvent-Directed Conditions Jasper Dumalaog (Genomics Research Center, Academia Sinica, Taiwan)
		18:15–18:30	OC109: Design and Synthesis of Covalent Cholera Toxin Ligands Kevin Kappes (University of Konstanz, Germany)

7 JULY 2026 – PARALLEL SESSION 6

Studio	Glycans & Health		
	Chair: Mark von Itzstein	10:45–11:15	IL14: Host glycans trap bacterial lectins to activate the NLRP3 inflammasome <i>Winfried Römer</i> (University of Freiburg, Germany)
		11:15–11:30	OC62: Glycolipids of pathogenic microbes: Synthesis and evaluations for their structure-immunomodulating activities <i>Chun-Hung Lin</i> (Institute of Biological Chemistry, Academia Sinica, Taiwan)
		11:30–11:45	OC66: The Parkinson's Disease Drug Tolcapone and Analogues are Potent Glycomimetic Lectin Inhibitors of <i>Pseudomonas aeruginosa</i> LecA <i>Alexander Titz</i> (Saarland University, Germany)
		11:45–12:00	OC70: Targeting a bacterial lectin with non-covalent and covalent beta-fucosylamides <i>Annabelle Varrot</i> (CERMAV-CNRS, France)
		12:00–12:15	OC74: Structural modeling of α -1,2- or α -1,3-branched exopolysaccharides via enzymatic modification to modulate digestion properties <i>Young-Bo Song</i> (Sejong University, Korea)
		12:15–12:30	OC78: Structural variability of the LPS-molecule from a pan-drug-resistance <i>Pseudomonas aeruginosa</i> isolate <i>Angela Casillo</i> (University of Naples Federico II, Italy)
		12:30–14:00	Lunch
Studio	Glycans & Health		
	Chair: Marko Anderluh	14:00–14:30	IL18: Microwave-based Glycosylation Methodology Assists in Immunotherapeutic Development <i>Peter R. Andreana</i> (The University of Toledo, United States)
		14:30–14:45	OC82: Engineering resistant starch-enriched banana starches via enzymatic chain elongation enhances short-chain fatty acid production during gut fermentation. <i>Je-Hyun Park</i> (Sejong University, Korea)
		14:45–15:00	OC86: Polysaccharides from <i>Streptococcus</i> and <i>Serratia</i> are tumor hemorrhagic and are the probable API's of Coley's toxin: On PS1, the <i>Serratia</i> constituent <i>Roger A Laine</i> (Louisiana State University, United States)
		15:00–15:15	OC90: Pectins from Agri-Food By-Products Extracted with NADES: Structure - Function Relationships in Glycaemic and Gut Health <i>Izabela Pawlaczyk-Graja</i> (Wrocław University of Science and Technology, Poland)
		15:15–15:30	OC94: Instruct-ERIC: Funded Access to Technologies for Structural Biology and Carbohydrate Research <i>John Dolan</i> (Instruct-ERIC, United Kingdom)
		15:30–17:30	Poster Session (Foyer)
Studio	Glycans & Health		
	Chair: Vladimír Křen	17:30–17:45	OC98: Biocatalytic modification of microbial-derived reuteran regulates intestinal fermentation kinetics and improves the colonic environment <i>Won-Min Lee</i> (Sejong University, Korea)
		17:45–18:00	OC102: Characterization of UipB protein from <i>Microbacterium</i> ViU2A <i>Geraud Kpahoun</i> (Institute of Bioscience and Biotechnology of Aix-Marseille, France)
		18:00–18:15	OC106: Stereoselective synthesis and selective antiphage activity of carbohydrate-derived δ -thiolactones <i>Karol Postrožny</i> (Institute of Organic Chemistry, Polish Academy of Sciences, Poland)
18:15–18:30		OC110: Sweet targets: Exploring the glycosylation of nucleoside analogue therapeutics <i>Gavin Miller</i> (The University of Manchester, United Kingdom)	

7 JULY 2026 – PARALLEL SESSION 7

Biochemistry of carbohydrates

Opera
Lounge

Chair:
Ed Yates

10:45–11:15	IL15: New chemical tools for carbohydrate modifying enzymes Zachary Armstrong (<i>Leiden Institute of Chemistry, the Netherlands</i>)
11:15–11:30	OC63: Microbial sulfosugar metabolism: Uptake, pathways and C–S bond cleavage Spencer Williams (<i>University of Melbourne, Australia</i>)
11:30–11:45	OC67: Peptidoglycan deacetylases of <i>Bacillus subtilis</i> . Specificities and applications acting on chitooligosaccharides. Antoni Planas (<i>Institut Químic de Sarrià, University Ramon Llull, Spain</i>)
11:45–12:00	OC71: Cross-chiral recognition in glycobiology Ratmir Derda (<i>University of Alberta, Canada</i>)
12:00–12:15	OC75: Structural basis for core α 1,3-fucosylated N-glycan recognition by a PNGase A Josef Voglmeir (<i>Nanjing Agricultural University, China</i>)
12:15–12:30	OC79: ER endomannosidase triages misfolded glycoproteins from calnexin/calreticulin folding cycle Kiichiro Totani (<i>Seikei University, Japan</i>)
12:30–14:00	Lunch

Structural analysis

Opera
Lounge

Chair:
Ana Arda

14:00–14:30	IL19: Sugars in the Gas Phase – Mass Spectrometry-Based Tools to Unravel the Glycocode Kevin Pagel (<i>Freie Universität Berlin, Germany</i>)
14:30–14:45	OC83: Unravelling the Complexity of Hyaluronic Acid: How Molecular Structure Affects Physicochemical Properties Sabrina Bertini (<i>Istituto di Ricerche Chimiche e Biochimiche „G.Ronzoni“, Italy</i>)
14:45–15:00	OC87: Structural Elucidation of an Arabinogalactan from <i>Neltuma nigra</i> Resin Featuring Unusual β -(1 $\rightarrow$ 2)-Linked Arabinofuranosyl Residues Carolina Fontana (<i>CENUR Litoral Norte, Universidad de la República, Uruguay</i>)
15:00–15:15	OC91: Deciphering the Structure and Catalytic Mechanism of the Carbohydrate-active enzyme GH43 β -1,4-Xylosidase from <i>Pseudopedobacter saltans</i> Punit Kaur (<i>All India Institute of Medical Sciences, India</i>)
15:15–15:30	OC95: Structural analysis and mechanism of action of oligofructofuranosyl DFA III producing endo-inulin fructotransferase from <i>Bacteroides cacao</i> Akihiro Ishiwata (<i>RIKEN, Japan</i>)
15:30–17:30	Poster Session (Foyer)

Structural analysis

Opera
Lounge

Chair:
Marco Guerrini

17:30–17:45	OC99: Structural characterization of starch and β -glucan from diverse barley lines Xiang Hu (<i>The University of Queensland, Australia</i>)
17:45–18:00	OC103: Structure-Collision Cross Section (CCS) Correlation and MS/MS Fragmentation Features of Neutral Human Milk Oligosaccharides Isomers Characterized by Ion Mobility Spectrometry-Mass Spectrometry Xia Zhou (<i>National Institute of Metrology, China</i>)
18:00–18:15	OC107: Comprehensive characterization of apolipoprotein E by liquid chromatography – mass spectrometry Anabel Torrente López (<i>Leiden University Medical Center, the Netherlands</i>)
18:15–18:30	OC111: Stereoselective Synthesis of Matriglycan Anomeric Isomers and the Evaluation of the Laminin-Binding Affinity Haruto Taguchi (<i>Graduate School of Sustainability Science, Tottori University Tottori, Japan, Japan</i>)

7 JULY 2026 – PARALLEL SESSION 8

Blue Lounge	Glycoconjugates		
	Chair: Yukari Fujimoto	10:45–11:15	IL16: Engineering Glycan Recognition at Membranes: From Model Glycocalyces to Lectin Based Fusogens Bruce Turnbull (<i>University of Leeds, United Kingdom</i>)
		11:15–11:30	OC64: Linear and cyclic antifreeze glycoprotein analogues as structurally defined platforms for structure–activity relationship studies Kohki Fukushi (<i>Graduate School of Life Science, Hokkaido University, Japan</i>)
		11:30–11:45	OC68: Genome-guided discovery of glycosylated antimalarial cyclolipodepsipeptides Zhao-Xun Liang (<i>Nanyang Technological University, Singapore, Singapore</i>)
		11:45–12:00	OC72: Chimerolectins: the emerging important lectins Desh Deepak Singh (<i>Panjab University, India</i>)
		12:00–12:15	OC76: Organoruthenium Thiodigalactoside Glycomimetics Reverse Galectin Selectivity and Block Tumor Immune Evasion Vojtěch Hamala (<i>Institute of Chemical Process Fundamentals of the CAS, Czech Republic</i>)
		12:15–12:30	OC80: Vaccine architecture shapes the quality and breadth of antibody responses elicited by <i>Klebsiella pneumoniae</i> carbohydrate-based vaccines Giuseppe Stefanetti (<i>Department of Biomolecular Sciences, University of Urbino Carlo Bo, Urbino, Italy, Italy</i>)
		12:30–14:00	Lunch
Blue Lounge	Biochemistry of carbohydrates		
	Chair: Luigi Lay	14:00–14:30	IL20: β-D-glucuronides of dietary phenols; tools for probing biological activity. Edwin Yates (<i>University of Liverpool, United Kingdom</i>)
		14:30–14:45	OC84: GPR55 Modulation: Conformational Determinants and Electrophile-Substituted Lysophospholipid Analogues as Non-Competitive Antagonists Peter Greimel (<i>RIKEN, Japan</i>)
		14:45–15:00	OC88: Ligand-directed chemistry profiling of glycosidases Tanja M. Wrodnigg (<i>IBioSys Institute of Chemistry and Technology of Biobased Systems, Graz University of Technology, Austria</i>)
		15:00–15:15	OC92: Rewiring Fungal Rutinosidases: Glycone Promiscuity and Side-Tunnel Engineering Enable Designer Transglycosylation Vladimír Křen (<i>Institute of Microbiology, Czech Academy of Sciences, Czech Republic</i>)
		15:15–15:30	OC96: A tandem sulfofucolytic/sulfolytic pathway for the catabolism of the rare sulfosugar, sulfofucose. Adam Stewart (<i>Bio21 Molecular Science and Biotechnology Institute, Australia</i>)
		15:30–17:30	Poster Session (Foyer)
Blue Lounge	Glycoconjugates		
	Chair: Bruce Turnbull	17:30–17:45	OC100: Monoglycosylceramides as Immunomodulators and Adjuvants for Infectious Diseases Yukari Fujimoto (<i>Keio University, Japan</i>)
		17:45–18:00	OC104: Frameshift Mapping and Acetylation Surrogate Enable Structure-Defined Vaccine Epitopes from <i>Klebsiella pneumoniae</i> K1 CPS Zirong Huang (<i>The University of Hong Kong, Hong Kong</i>)
		18:00–18:15	OC108: Development of a Modular Synthetic Strategy for Peptidoglycan Fragments Eduardo Cláudio de Sousa (<i>Institute for Chemistry and Bioanalytics, School of Life Sciences, FHNW, Switzerland</i>)
18:15–18:30		OC112: Synthesis of oxazole modified glycoconjugates as potential beta-glucosidase Inhibitors David Kostadinov (<i>LMU, Germany</i>)	
St. Martin's Cathedral		20:00–21:30	7 July 2026 – Cultural Event

Wednesday, 8 July 2026

8 JULY 2026 – PLENARY SESSION 3

Drama Hall	Chair: Lara Mahal	08:45–09:30	PL5: Targetting clinically relevant sialic acid-recognising respiratory viruses. From in silico and synthesis to in vitro and in vivo studies. Mark von Itzstein (<i>Institute for Biomedicine and Glycomics, Griffith University, Australia</i>)
		09:30–10:15	PL6: Deciphering enzymatic glycosylation mechanisms Carme Rovira (<i>University of Barcelona, Spain</i>)
		10:15–10:45	Coffee Break

8 JULY 2026 – PARALLEL SESSION 9

Synthesis of carbohydrates and glycoconjugates

Drama Hall	Chair: Suvam S. Kulkarni	10:45–11:15	IL21: Exploitation of photoinitiated thiol-ene reaction for the synthesis of lectin inhibitors Anikó Borbás (<i>University of Debrecen, Hungary</i>)
		11:15–11:30	OC113: Scope and Mechanism of Protonated Phenanthroline-Catalyzed Stereoselective Glycosylation and Applications to the Synthesis of Vaccine Adjuvants Hien Nguyen (<i>Wayne State University, United States</i>)
		11:30–11:45	OC117: Exploration of sialic acid aldolases reveals the <i>Corynebacterium glutamicum</i> enzyme as a highly effective biocatalyst for the synthesis of the bacterial ‘sialic acid-like’ sugars Millie Curran (<i>University of York, United Kingdom</i>)
		11:45–12:00	OC121: Glyco-oxazolinium cation: generation, structure, properties Maxim Romanyuck (<i>N. D. Zelinsky Institute of Organic Chemistry of the Russian Academy of Sciences, Russian Federation</i>)
		12:00–12:15	OC125: A few complex bacterial oligosaccharides synthesis and vaccines development Qingju Zhang (<i>Jiangxi Normal University, China</i>)
		12:15–13:45	Lunch

8 JULY 2026 – PARALLEL SESSION 10

Glycans & Health

Studio	Chair: Peter R. Andreana	10:45–11:15	IL22: Restoring Glycan Homeostasis: Therapeutic Convergence of Cancer Immunobiology and CDG Paula Videira (<i>Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa, Portugal</i>)
		11:15–11:30	OC114: Targeting GBA2 and GCS via PROTACs: HiBiT-Enabled Discovery of Dual GBA2/GCS Degraders Eva Wan (<i>Leiden University, the Netherlands</i>)
		11:30–11:45	OC118: Targeting <i>Mycobacterium tuberculosis</i> GlgE: Novel Inhibitors for Antimicrobial Discovery Steven Sucheck (<i>The University of Toledo, United States</i>)
		11:45–12:00	OC122: Design and Synthesis of 1-O- and 6'-C-Modified Heparan Sulfate Trisaccharides as Human Endo-6-O-Sulfatase 1 Inhibitors Kuei-Yao Tseng (<i>Genomics Research Center, Academia Sinica, Taiwan</i>)
		12:00–12:15	OC126: Improving the Weak Mincle-Activating Activity of 6,6'-diacyl neotrehalose by Linkage-Editing Rintaro Nakahashi (<i>Grad. Sch. Pharm. Sci., Kyushu Univ., Fukuoka, Japan, Japan</i>)
			12:15–13:45

8 JULY 2026 – PARALLEL SESSION 11

Structural analysis

Opera
Lounge

Chair:
Zbigniew
Kaczynski

10:45–11:15	IL23: Engineering Synthetic Heparanase Inhibitors: Antimetastatic Properties and Mechanistic Basis. <i>Marco Guerrini (Istituto di Ricerche Chimiche e Biochimiche G. Ronzoni, Italy)</i>
11:15–11:30	OC115: A Workflow For Comprehensive Structural Determination of Fructans and Raffinose Family Oligosaccharides <i>Chi-Kung Ni (Academia Sinica, Taiwan)</i>
11:30–11:45	OC119: Molecular insights into GD3 recognition by human coronavirus spike proteins <i>Iris A. Bermejo (CIC bioGUNE, Spain)</i>
11:45–12:00	OC123: Structural Insights into Dolichol Biosynthesis by the Human cis-Prenyltransferase Complex <i>Yoni Haitin (Tel Aviv University, Israel)</i>
12:00–12:15	OC127: Metabolic inactivation or bioactivation: glucuronides of diosgenin as an antifungal agents <i>Daria Grzywacz (University of Gdańsk, Poland)</i>
12:15–13:45	Lunch

8 JULY 2026 – PARALLEL SESSION 12

Glycobiology & Glycomics

Blue Lounge

Chair:
David Vocadlo

10:45–11:15	IL24: Heterogeneity in Glycoprotein Structure and Function: Regulation of N-glycans Macroheterogeneity by OST <i>Elisa Fadda (University of Southampton, United Kingdom)</i>
11:15–11:30	OC116: Decoding Glycan Regulation and Display at the Cancer Cell Surface <i>Noortje de Haan (Leiden University Medical Center, the Netherlands)</i>
11:30–11:45	OC120: Preparation of 3,3-difluoro sialic acid and its testing as a sialyltransferase inhibitor <i>Matthew Macauley (University of Alberta, Canada)</i>
11:45–12:00	OC124: Mapping evolution-driven human H3N2 influenza glycan-binding preferences by chemoenzymatic synthesis and NMR <i>Cristina Fernández Pérez (CIC bioGUNE, Spain)</i>
12:00–12:15	OC128: Introducing Fluorine into Disaccharide Lectin Ligands Enhances Binding Affinity and Selectivity <i>Jindřich Karban (Institute of Chemical Process Fundamentals, Czech Republic)</i>
12:15–13:45	Lunch

14:00 8 July 2026 – Tours (External)

Thursday, 9 July 2026

9 JULY 2026 – PARALLEL SESSION 13

Synthesis of carbohydrates and glycoconjugates

Drama Hall

Chair:
Cristina Nativi

08:45–09:15	IL25: Synthetic strategies toward s-disaccharide glycomimetics with galectin-3 selectivity <i>Kamil Parkan (UCT Prague, Czech Republic)</i>
09:15–09:30	OC129: Synthetic Strategies for Building and Editing Nucleoside Analogues <i>Michael Meanwell (University of Alberta, Canada)</i>
09:30–09:45	OC133: Glycomimetics-Multivalent Probes to Fight Antimicrobial Resistance <i>Laura Diaz Casado (University of Bristol, United Kingdom)</i>
09:45–10:00	OC137: Polyproline nanoscaffolds as tools to investigate carbohydrate interactions <i>Sheng-Kai Wang (National Tsing Hua University, Taiwan)</i>
10:00–10:15	OC141: Enhancing lectin recognition via precise fluorination: new insights into DC-SIGN interactions <i>Javier Ramos-Soriano (Instituto de Investigaciones Químicas (IIQ), CSIC – Universidad de Sevilla, Spain)</i>
10:15–10:30	OC145: Chemoenzymatic Synthesis of Sulfated Human Milk Oligosaccharide Derivatives Enabled by Differential Fucosylation of Sulfated Oligosaccharides <i>Ching-Ching Yu (National Tsing Hua University, Taiwan)</i>
10:30–11:00	Coffee Break

Drama Hall	Glycans & Health / Synthesis		
	Chair: Celso Reis	11:00–11:30	IL29: Exploitation of sugar chemistry against neurodegeneration Amélia Pilar Rauter (<i>Faculdade de Ciências, Universidade de Lisboa, Portugal</i>)
		11:30–11:45	OC149: The biological role of glycans in post-acute infection syndromes Davide Ret (<i>TU Wien / Medical University of Vienna, Austria</i>)
		11:45–12:00	OC153: Glycosyl thioimides as versatile building blocks for stereocontrolled glycosylation and glycan synthesis Alessandra Damico (<i>Saint Louis University, Department of Chemistry, United States</i>)
		12:00–12:15	OC157: Targeting endo-D-arabinofuranosidases in mycobacteria as a novel therapeutic strategy Moescha Hoopman (<i>Leiden University, the Netherlands</i>)
		12:15–12:30	OC161: Synthesis and Antiproliferative Activity of Fluorinated N-Acetylmannosamine Analogs Aleš Krčil (<i>Institute of Chemical Process Fundamentals of the CAS, v. v. i., Czech Republic</i>)
		12:30–12:45	OC165: GlycoExtreme: Unlocking Novel Hyperstable Glycosyltransferases Martina Escorial (<i>Technical University of Denmark, Novo Nordisk Foundation Biotechnology Research Institute for the Green Transition, Denmark</i>)
12:45–14:00		Lunch	
Drama Hall	Synthesis of carbohydrates and glycoconjugates		
	Chair: Matthieu Sollogoub	14:00–14:15	OC169: Novel bacterial α 2,3- and α 2,6-sialyltransferases for efficient complex-glycan synthesis Nam-Hai Hoang (<i>eversyn GmbH, Germany</i>)
		14:15–14:30	OC173: Synthesis of N-glycosides via Buchwald-Hartwig Coupling Abhijit Sau (<i>IIT Hyderabad, India</i>)
		14:30–14:45	OC177: Convergent Synthesis of Branched Human Milk Oligosaccharides Enables Access to Fucosylated Probes for Viral Recognition Dileep Paladugu (<i>Technical University of Denmark, Denmark</i>)
		14:45–15:00	OC181: De Novo Synthesis of 3,6-Dideoxy and 3,6-Dideoxy-4-C-branched Monosaccharides. Sheng Yang (<i>Institute of Biological Chemistry, Academia Sinica, Taiwan</i>)
9 JULY 2026 – PARALLEL SESSION 14			
Studio	Glycans & Health		
	Chair: Paula Videira	08:45–09:15	IL26: New Glycosyltransferase Inhibitors Targeting the Biosynthesis of Cancer-Associated Glycans Marko Anderluh (<i>University of Ljubljana, Faculty of Pharmacy, Slovenia</i>)
		09:15–09:30	OC130: Synthetic Carbohydrate Receptors as Broad Spectrum Antivirals Mateusz Marianski (<i>Hunter College CUNY, United States</i>)
		09:30–09:45	OC134: A Syalomimetic Glycan Array for the Identification of Viral Entry Inhibitors Seyed Omar Zariaei (<i>Helmholtz-Institute for Pharmaceutical Research Saarland, Germany</i>)
		09:45–10:00	OC138: Synthesis of GroP-Modified Group A Carbohydrate Oligosaccharides for Immunological Studies Haoru Zhuang (<i>Leiden University, the Netherlands</i>)
		10:00–10:15	OC142: Cell-selective Glycopolymer Modification via Peroxidase-mediated Proximity Labeling for Antibody-recruiting Cancer Immunotherapy Tomonari Tanaka (<i>Kyoto Institute of Technology, Japan</i>)
		10:15–10:30	OC146: Streamlined Synthesis and Immunomodulatory Effects of Ulvan Oligosaccharides from Marine Green Algae Cheng-Hsiu Chang (<i>Genomics Research Center, Academia Sinica, Taiwan</i>)
10:30–11:00		Coffee Break	

Studio	Structural analysis / Synthesis		
	Chair: Kevin Pagel	11:00–11:30	IL30: Structural studies of polysaccharides isolated from the cell wall of plant-pathogenic bacteria Zbigniew Kaczynski (<i>Faculty of Chemistry, University of Gdansk, Poland</i>)
		11:30–11:45	OC150: Characterization of protein-glycan interactions through advanced STD NMR methods Inés Lera-Lasso (<i>Complutense University of Madrid, Spain</i>)
		11:45–12:00	OC154: Synthesis and Function of <i>Acetobacter pasteurianus</i> Lipid A Atsushi Shimoyama (<i>The University of Osaka, Japan</i>)
		12:00–12:15	OC158: Carbohydrate conjugates as trojan horses to improve antibiotic import Hanna Perius (<i>Saarland university, Germany</i>)
		12:15–12:30	OC162: Synthetic Approaches Toward Chain D of Rhamnogalacturonan-II: DHA Rare Sugar Preparation and β -Glycosylation Strategy Mukul Mahanti (<i>Technical University of Denmark, Denmark</i>)
		12:30–12:45	OC166: Shelf-stable 3-thiocresyl-prop-1-enyl (TCP) glycosides in glycosylations Deepak Kushwaha (<i>Indian Institute of Science (IISc), India</i>)
12:45–14:00		Lunch	
Studio	Glycans & Health / Synthesis		
	Chair: Peter Greimel	14:00–14:15	OC170: Glycoproteomic profiling of Alzheimer’s disease brains reveals changes in bisecting GlcNAc carriers Adrià Duran Sidera (<i>Karolinska Institutet, Sweden</i>)
		14:15–14:30	OC174: Design and Synthesis of Glycomimetics as Galectin Antagonists Ben Mohan (<i>University of Galway, Ireland</i>)
		14:30–14:45	OC178: Fucose-Based Anti-Virulence Agents Targeting EclA, a Novel Lectin from <i>Enterobacter cloacae</i> Beshoy Tawfik (<i>Universität des Saarlandes, Germany</i>)
14:45–15:00		OC182: Total Synthesis of Conjugation-Ready Sulfated Red Algae Carrageenan Oligosaccharides for Sensing Applications Yonatan Sukhran (<i>The Hebrew University of Jerusalem, Israel</i>)	
9 JULY 2026 – PARALLEL SESSION 15			
Opera Lounge	Structural analysis		
	Chair: Alfred D. French	08:45–09:15	IL27: Molecular Mechanisms of Glycan-Mediated Molecular Recognition Ana Arda (<i>Center for Cooperative Research in Biosciences (CIC bioGUNE), Spain</i>)
		09:15–09:30	OC131: CH- π interactions of pyranosides - chemical shift perturbations induced by arenes Amit Basu (<i>Brown University, United States</i>)
		09:30–09:45	OC135: Development of a method to identify & quantify N-glycans from lactoferrins Carolina Oliveira Pandeirada (<i>Nestlé Research, Switzerland</i>)
		09:45–10:00	OC139: An Integrated CRISPR–NMR Platform for Glycoengineered Cell Models and Glycan Characterization Diego Del Balzo (<i>CICbioGUNE, Spain</i>)
		10:00–10:15	OC143: <i>Klebsiella pneumoniae</i> O-antigens – correlation of novel OL loci with chemical structures Jolanta Lukasiewicz (<i>Laboratory of Microbial Immunochemistry and Vaccines, Ludwik Hirsfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Poland</i>)
		10:15–10:30	OC147: Using Fourier-transformed alternating current voltammetry to detect and fingerprint glycans Bethany Paterson (<i>Department of Chemistry, University of York, United Kingdom</i>)
10:30–11:00		Coffee Break	

Glycobiology & Glycomics

Opera
Lounge

Chair:
**Valentin
Wittmann**

11:00–11:30	IL31: Mass spectrometry in glycobiology: From glycan structure to clinical application Zuzana Pakanova (<i>Institute of Chemistry, Slovak Academy of Sciences, Slovakia</i>)
11:30–11:45	OC151: Chemical tools to probe ribitol phosphate-containing glycans Lianne Willems (<i>University of York, United Kingdom</i>)
11:45–12:00	OC155: Structural characterization of the jacalin-related lectin from the mushroom <i>Calocera viscosa</i> Michaela Mikysková (<i>National Centre for Biomolecular Research, Masaryk University, Czech Republic</i>)
12:00–12:15	OC159: Comparison of the Milk Oligosaccharide Spectrum in Farm Animals Sebastian P. Galuska (<i>Research Institute for Farm Animal Biology (FBN), Germany</i>)
12:15–12:30	OC163: Mass spectrometry assisted N-glycan analysis of phosphorylated epitopes in simple organisms Alba Hykollari (<i>University of Veterinary Medicine, Austria</i>)
12:30–12:45	OC167: Mapping ST3GAL Transferase Specificities in the Glycosylation Landscape of N/TERT-1 Keratinocytes Using Glycogenomics and Mass Spectrometry Agnes Hipgrave Ederveen (<i>Leiden University Medical Center, the Netherlands</i>)
12:45–14:00	Lunch

Structural analysis / Synthesis

Opera
Lounge

Chair:
**Nicole
Richardson**

14:00–14:15	OC171: Classification of pectins based on functional properties and structure analysis by MALDI-FTICR-MS Yasmin van der Velden (<i>Leiden University Medical Center, the Netherlands</i>)
14:15–14:30	OC175: Anomerization of glycosides by iminium salt formed in dibromomethane and dimethylformamide Natalie Condino (<i>University of Guelph, Canada</i>)
14:30–14:45	OC179: Polycationic cyclodextrin derivatives as antimicrobial agents: design, synthesis, and biological evaluation Sergio Adorna-Sánchez (<i>Institute for Chemical Research-Spanish National Research Council (IIQ-CSIC), Spain</i>)
14:45–15:00	OC183: Advantages and benefits of total serum glycome analysis for cancer detection Andrea Furdová (<i>Slovak Academy of Sciences, Slovakia</i>)

9 JULY 2026 – PARALLEL SESSION 16

Bioinformatics & Molecular modelling

Blue Lounge

Chair:
Robert Woods

08:45–09:15	IL28: Decrypting the “sulfation code” of glycosaminoglycans for understanding their function in the extracellular matrix Sergey Samsonov (<i>University of Gdańsk, Poland</i>)
09:15–09:30	OC132: GlycoFlow: A GlycoShape-Trained Conformational Prior for Structural Glycobiology Ojas Singh (<i>Maynooth University, Ireland</i>)
09:30–09:45	OC136: Deciphering the molecular recognition code of S1 sulfatase towards sulfamate and sulfate substrates Stefano Elli (<i>NMR and Carbohydrate Department, Istituto di Ricerche Chimiche e Biochimiche G. Ronzoni, via G. Colombo 81 20133, Milano, Italy, Italy</i>)
09:45–10:00	OC140: Molecular Simulations of <i>Paenibacillus alvei</i> Cell Wall Glycans and SpaA Anchoring Peter Poliak (<i>Institute of Molecular Modeling and Simulation, Department of Natural Sciences and Sustainable Resources, BOKU University, Austria</i>)
10:00–10:15	OC144: Studies on applications of fully stereoselective α -sialylation Naoko Komura (<i>Institute for Glyco-core Research (iGCORE), Gifu University, Japan</i>)
10:15–10:30	OC148: HPLC-based automated oligosaccharide synthesis using TIDA-tagged monosaccharide building blocks Oana Popa (<i>University College Dublin, Ireland</i>)
10:30–11:00	Coffee Break

Blue Lounge	Chair: Tatiana Budtova	11:00–11:30	IL32: Glycosylated ECM, AI/ML guided synthesis and cell fate modulation <i>Francesco Nicotra</i> (University of Milano-Bicocca, Italy)
		11:30–11:45	OC152: Modelling Multivalent Avidity in C-type lectins: Revealing how glycan surface density, composition and presentation govern superselective pathogen recognition by tetravalent DC-SIGN <i>Erin Tait</i> (University of Leeds, United Kingdom)
		11:45–12:00	OC156: Surface grafting of carbohydrates on polymer materials via non-thermal plasma activation <i>Philip Sgarz</i> (TU Wien, Austria)
		12:00–12:15	OC160: Reversible Functionalisation of Synthetic Cellulosic Oligosaccharides <i>Liam Beardmore</i> (Keele University, United Kingdom)
		12:15–12:30	OC164: Chemoenzymatic Regioselective Manipulation of Acyl Groups on Carbohydrates: A Path towards Sustainable Carbohydrate Chemistry <i>Mária Mastihubová</i> (Institute of Chemistry, Slovak Academy of Sciences, Slovakia)
		12:30–12:45	OC168: Synthesis of oligosaccharide fragments of rhamnogalacturonan-II side chain B <i>Katharina Obleser</i> (BOKU University, Austria)
		12:45–14:00	
Blue Lounge	Chair: Tanja Wrodnigg	14:00–14:15	OC172: Understanding glycan recognition processes: NMR insights into the biologically relevant CD44–hyaluronan interaction <i>María Payá-García</i> (CIC bioGUNE, Spain)
		14:15–14:30	OC176: Beyond Initial Analysis: Cross-Disease Profiling of the Human Blood N-Glycome Through Mass Spectrometry Data Re-analysis. <i>Oleg Maiboroda</i> (Leiden University Medical Center (LUMC), the Netherlands)
		14:30–14:45	OC180: New β-D-galactopyranosyl azoles: synthesis and evaluation as galectin-1 and galectin-3 inhibitors <i>István Kacsir</i> (University of Debrecen, Hungary)
	15:00–15:30		Coffee Break
9 JULY 2026 – PLENARY SESSION 4			
Drama Hall	Chair: Alexei Demchenko	15:30–16:15	PL7: Expedient and catalytic strategies for the synthesis of glycan-based diagnostics <i>M. Carmen Galan</i> (University of Bristol, United Kingdom)
		16:15–17:00	PL8: A Personal Account on the Total Synthesis for Structural Validation of Natural Glycans and Glycoconjugates <i>Biao Yu</i> (Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, China)
Drama Hall		17:00–17:30	9 JULY 2026 – CLOSING CEREMONY
Dock 7		19:00–22:00	9 JULY 2026 – SYMPOSIUM DINNER

INFORMATION FOR PRESENTERS

Presenters are kindly requested to arrive early before their session or during breaks to submit their presentations directly to the technician in the lecture hall. Please use a USB stick or external portable HDD/SSD.

For morning sessions, submission is recommended the evening before. For afternoon sessions, please submit your presentation during the lunch break on the day of your session.

A technical specialist will be present in each hall throughout the symposium during the following times (on Sunday, only in the Drama Hall):

Sunday, 5 July 2026	14:30–18:30
Monday, 6 July 2026	08:00–18:00
Tuesday, 7 July 2026	08:00–18:30
Wednesday, 8 July 2026	08:00–12:00
Thursday, 9 July 2026	08:00–15:45

Please refer to the following documents for detailed instructions:

Instructions for ORAL presenters (PDF file).

Instructions for POSTER presenters (PDF file).



More information:

<https://www.ics2026.sk/presenters/>

LIST OF POSTERS

Biochemistry of carbohydrates

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Madouc Bergers (the Netherlands): A Novel Fluorogenic Coupled Assays to Detect Carbohydrate Sulfatase Activity

PP2

Jochen Bohnacker (Germany): Analysis of Chemically Modified Sialic Acids in Glycoproteins using DMB-Labeling

PP3

Monika Ďuračková (Slovakia): Looking for the best inhibitors for yeast transglycosylase Gas2

PP4

Ena Faganelli (Slovenia): Development of a novel integrated dual-readout fluorescence polarization assay for evaluating glycosyltransferase inhibitors

PP5

Walid Fathallah (Slovakia): Discovery of unique B-xylosidase from sugiyamaella lignohabitans

PP6

Andrius Jasilionis (Sweden): Homologous GH43_29 dual-function arabinofuranosidases/xylosidases from Clostridium aciditolerans MAT 4701 for degradation of decorated xylans

PP7

Natan Koraj (Slovenia): Targeting β -Galactoside α -2,6-Sialyltransferase with Non-Carbohydrate Drug-like Inhibitors

PP8

Önder Kurç (Germany): Unraveling the Carbohydrate-dependent Crosstalk between Human Chitinase-Like Proteins and Galectin-3

PP9

Ilaria Liguori (UK): Microarray of Staphylococcus aureus Wall Teichoic Acids for Probing Immune Recognition

PP10

Amina Maalej (Tunisia): A Novel Thermophilic Cyanobacterium-Derived Exopolysaccharide: Structural Analysis and Rheological Properties

PP11

Nicholas See (Canada): A Sensitive Assay for the Primary Brain Calcification-Associated Glycosidase – MYORG

PP12

Haruki Shimogaichi (Japan): Development of a Calreticulin-Targeting Trisaccharide Ligand with a Photodynamic Cytotoxicity

PP13

Oliver Schwardt (Switzerland): Sialosides as Antagonists for the Pattern Recognition Receptor Ficolin-1

PP14

Apoorva Soni (Slovakia): Environmental Modulation of Mannan Structure in Candida auris: Comparative FTIR and NMR Analysis Under Variable Cultivation Conditions

PP15

Barbora Stratilová (Slovakia): Expression and crystal structure of endopolygalacturonase from Daucus carota

PP16

Katarína Šuchová (Slovakia): Potential of the yeast Sugiyamaella lignohabitans to degrade plant polysaccharides revealed by proteomic analysis

PP17

Ming-Fei Tsai (Taiwan): β -Gal-Responsive Ratiometric Fluorescent Probes for Live-Cell Senescence Analysis

PP18

Liping Zhao (the Netherlands): Profiling the Proteome Reactivity of Novel Cyclosulfonimide-Based Probes

Bioinformatics & Molecular modelling

PP19

Yasir Ali (Slovakia): QM/MM study on the reaction mechanism of S-linked Glycosylation of Svc Bacteriocin catalyzed by the S/O-HexNAc transferase

PP20

Denys Biriukov (Czech Republic): Saccharide interactions with functionalized polyurethane associated with bacterial adhesion

PP21
Carla Coetzee (South Africa): A Conserved Epitope in a Flexible Landscape: Molecular Insights into Cross-Reactivity in *Streptococcus pneumoniae* Serogroup 33 (33E, 33F, 33A)

PP22
Silvia D'Andrea (Ireland): Glycolipid recognition and binding by Siglec-6 hinges on interactions with the cell membrane

PP23
Miloš Hricovíni (Slovakia): Methods of quantum chemistry and NMR spectroscopy in analysis of NMR spin-spin coupling constants of glycan molecules

PP24
Santosh Jadhav (Slovakia): Embryonic remodeling macrophages persist as LYVE1⁺ vascular-support cells in adult dura

PP25
Juraj Kóna (Slovakia): Quantum mechanics FMO-PIEDA calculations on interaction energy between cytomegalovirus glycoprotein UL141 and small iminosaccharide antagonists

PP26
Fatima Shabeen (Slovakia): Structural Analysis of SvGT Models Using Residue Interaction Network Approaches

PP27
Nicholas Yerolemu (South Africa): Investigating cross-protection within *Streptococcus pneumoniae* serogroup 18

Glycans & Health

PP28
Daria Artyszuk (Poland): A unique rhamnofuranose-containing exopolysaccharide of *Flavonifractor plautii* PCM 3108 – structure and biological activity

PP29
Patricia Dudoňová (Slovakia): Comprehensive profiling of the plasma glycome in endometrial carcinoma via lectin-based glycoprotein microarray technology

PP30
Jordan Gotti (Portugal): Effect of inhibitors of sialylation in EGFR-targeted therapy in colorectal cancer

PP31
Lisa Maria Haiber (Germany): Visualization and Analysis of Carbohydrate Structures on Neuronal Cell Surfaces in 3D Cultures under Physiological and Stress-Induced Conditions

PP32
Jing Hu (China): Preclinical development of a well-defined semisynthetic glycoconjugate vaccine against *Haemophilus influenzae* type b

PP33
George Lasisi (Denmark): Assay Development and Activity Screening of Inhibitors of Glycosyltransferases

PP34
Lenka Lorencová (Slovakia): MXene interfaces as emerging platforms for selective glycan enrichment

PP35
Sola Oni (Poland): From Sunflower By-Products to Hypoglycemic Glycans: Green Extraction and Bioactivity Assessment

PP36
Katarzyna Szymczak-Kulus (Switzerland): CaBRA: A Novel Tool for Investigating Glycosphingolipid-Linked Calcium Signaling in Cancer Cell Plasticity

PP37
Andrej Vikartovský (Slovakia): Functionalized Ti₃C₂T_x MXene Interfaces for Electrochemical Detection of Cancer-Associated Glycans

PP38
Yasuhiro Yokoi (Japan): Generation of anti-fibronectin antibodies targeting HCC-specific glycopeptide epitope using iMAP method

PP39
Jana Žilová (Slovakia): High-sensitivity analysis of glycosaminoglycans as potential non-invasive biomarkers for bladder cancer detection

Glycobiology & Glycomics

PP40
Hans-Ulrich Balcke (Germany): Enabling Orthogonal Proteoglycan Analysis through Optimization of a Xylosyltransferase Bump-and-Hole System

- PP41**
Lilly Brauchle (Germany): Investigation of Protein O-GlcNAcylation with Metabolic Glycoengineering and Bioorthogonal Chemistry
- PP42**
Antonio Di Maio (UK): ICL Carbohydrate Microarray Facility: A Collaborative Platform for Decoding Glycan-Mediated Interactions
- PP43**
Muhammad Umair Khan (Pakistan): Surface Plasmon Resonance-Based Glycoprofiling of Extracellular Vesicles (EVs)
- PP44**
Maroš Krchňák (Slovakia): Serum Glycomic and Glycoproteomic Fingerprinting of Congenital Disorders of Glycosylation by LC-MS
- PP45**
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Lucia Račková (Slovakia): Optimization Of The O-Glycans Profiling Protocol In Cultured Human Skin Cells And EpidermTM Tissue Model
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Océane Ricloux (France): Ultracompact Click-Labeled CBM Probes for Super-Resolution Imaging of Plant Cell Wall Polysaccharides
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Jose Manuel Rojas-Marcos Hernaez (Spain): NMR-Based Decoding of CD44: Glycoprofile Characterization and Molecular Interactions
- PP52**
Dáša Sáková (Slovakia): Galactoglucomannan oligosaccharides decrease cadmium uptake by accelerating cell wall regeneration on maize root protoplasts
- PP53**
Veronika Solovicová (Slovakia): Glycosylation of Extracellular Vesicles in Health and Disease: Influence of the Protein Corona on Detection

Glycoconjugates

- PP54**
Miu Kito (Japan): Synthesis of Mannosylated Inositol Phospholipid and Analogues for Immunofunctional Evaluation
- PP55**
Claudio Lutti (Italy): Design and Microfluidic Preparation of Lipid Nanoparticles Decorated with LMW Glycosaminoglycan-Cholesterol Click-Conjugates
- PP56**
Mayo Matsuda (Japan): Synthesis of Lanthionine-Containing Peptidoglycan Glycopeptide Fragments for Immunofunctional Analysis and Application
- PP57**
María del Rocío Pereira Jaramillo (Spain): Orthogonal synthesis of truncated Man9 Oligosaccharides as Tools for DC-SIGN Recognition
- PP58**
Thomas Rabbitte (Ireland): Self-templating mechanically interlocked systems as dual activity antimicrobial candidates
- PP59**
Satomi Toguchi (Japan): Development of Glycolipid-Based Molecular Probes Containing Fluorophores for the Investigation of Immunomodulation

Glycomaterials

- PP60**
Marek Bučko (Slovakia): Comparison of Three Techniques with Different Productivity for the Immobilization of a Recombinant Whole-Cell Biocatalyst within Alginate-Based Beads for an Enzyme Cascade Reaction
- PP61**
Chih-Ling Lin (Taiwan): Gold Nanoparticles Functionalized with Arylboronate-Based Ligands for Visual and Fluorescent Detection of Hydrogen Peroxide

- PP62**
Felista A. Manga (Poland): Structural Characterization and Composition-Property Relationships of Soybean Hulls Pectins
- PP63**
Reiko Matsumoto (Japan): Membrane fusion between influenza viruses and ganglioside GM3-containing lipid bilayers
- PP64**
Tali Ohayon Lavi (Israel): Novel Red Alga-Based Hydrogels and Their use in Methylene Blue Sorption
- PP65**
Bartłomiej Pyrak (Poland): Tailoring Meloxicam Sodium Release Using Cyclodextrin Nanosponges
- PP66**
Laura Russo (Italy): AI agent guided robotic platform for collaborative synthesis of glycosylated 3D tissue models
- PP67**
Haruto Suzuki (Japan): Capture of influenza A virus by chemically modified-M13 phage
- PP68**
Ivan Šimkovic (Slovakia): Sustainable Composite Films from Corn cobs: Insight into Composition and Material Properties
- PP69**
Sapir Tal (Israel): Sorption of Europium Ions from Water Using Polysaccharide Hydrogels: Impact of Crosslinking Salt, Chitosan Molecular Weight, and Metals
- PP70**
Marta Tsirigotis-Maniecka (Poland): Effect of NADES-based extraction on physicochemical and interfacial properties of carrot root pomace pectin
- PP71**
Yi-Cheng Wang (Taiwan): A Mannose-Targeted Glycofullerene–Dendrimer Nanoplatfrom for Chemo–Photodynamic Treatment of MDA-MB-231 Breast Cancer Models
- PP72**
Cristel I. Yacovone (France): Application of poly(glyco-triazoles) in supramolecular nanostructures
- PP73**
Qian-Wei Zhu (Taiwan): Boronic Acid-Functionalized Magnetic Nanoparticles as Glycan-Targeting Materials for Bacterial Enrichment and Urinary Tract Infection Diagnostics

Structural analysis

- PP74**
Peter Capek (Slovakia): Structural insights and biological activities of exopolysaccharide from *Nostoc calcicola*
- PP75**
Gizella Csire (Hungary): Investigation of the β -glucan pattern of fermented cultivated edible mushrooms
- PP76**
Jhen-Yi Hong (Taiwan): Inter-subunit catalysis drives bifunctional fucose transfer via dynamic loop coupling
- PP77**
Michal Hricovíni (Slovakia): Theoretical DFT analysis of chondroitin sulphate and heparin
- PP78**
Szymon Jarząbek (Poland): From Carrot Pomace to Functional Pectin: Influence of Extraction Strategy on Yield and Structure
- PP79**
Marta Kaszowska (Poland): Structural studies of *Plesiomonas shigelloides* O96 lipopolysaccharide
- PP80**
Stanislav Kozmon (Slovakia): The structural study approach for determining the action pattern of polygalacturonases
- PP81**
Rodrigo Macias Garbett (UK): An Integrated Toolkit Approach to the Structure and Biology of the Complex Plant Cell Wall: Rhamnogalacturonan-II as a Case Study
- PP82**
Anna Maciejewska (Poland): The O antigen of *Klebsiella pasteurii* 0.067 lipopolysaccharide: structure and genetic loci organization
- PP83**
Weronika Irena Mądzielewska (Poland): Structural analysis of the O antigen of *Klebsiella pneumoniae* O14 encoded by the OL102 locus

- PP84**
Juliana Miranda (Uruguay): An O139-Related O-Chemotype Variant in an Escherichia coli isolate from Bovine Mastitis Revealed by NMR Spectroscopy
- PP85**
Aline Savam (Brazil): Cactus-Derived Arabinogalactan from Cereus hildmannianus K. Schum. as a Promising Dermocosmetic Ingredient
- PP86**
Garoufallia Stavridou (UK): Mapping functionally important regions in biotherapeutic proteins through combined use of high-end analytical techniques and molecular modelling
- PP87**
Michal Šoral (Slovakia): Isolation of isoeucommiol-1-O- β -D-glucopyranoside from Verbascum georgicum benth. – a new cyclopentenoid secondary metabolite
- PP88**
Alejandra Travecedo (Spain): Decoding Blood Group Antigen Recognition by Human Galectin-2 Using NMR
- PP89**
Marie-Rose Van Calsteren (Canada): Structure determination of the exopolysaccharide produced by Lactococcus lactis subsp. cremoris strain JFR1

Synthesis of carbohydrates and glycoconjugates

- PP90**
Inês Afonso (Portugal): Charge Effects on the Stabilisation of Nucleic Acids by Carbohydrate-Derived Compounds
- PP91**
Satyajit Behera (India): One-Pot Assembly of the Rare Sugar Containing Trisaccharide Repeating Unit of Pseudomonas putida TSh-18
- PP92**
Sandeep Bhosale (Canada): Mechanism-Based Carbasugar Ligands Enable: Covalent Stabilization of Lysosomal Glycoside Hydrolases
- PP93**
Mohini Burnwal (Italy): Synthetic Studies Toward Polysaccharide Fragments of Acinetobacter baumannii LAC-4
- PP94**
Nikolai Cordua (Denmark): The first total synthesis of Calystegine C1
- PP95**
Lucia Černáková (Slovakia): Enzymatic synthesis and characterization of new feruloylated alkyl glycosides
- PP96**
Jakub Červený (Czech Republic): Multivalency-Driven Affinity Enhancement of Glycoconjugates Targeting Galectin-4
- PP97**
Anupama Das (Denmark): Chemical Synthesis of Human Milk Oligosaccharides: Sialyllacto-N-tetraose a (LSTa)
- PP98**
Grzegorz Detlaff (Poland): Diosgenin and betulin glycosides: effects of 2,3-unsaturation, deoxygenation, and esterification on α -glucosidase inhibition
- PP99**
Rathika Dikshit (India): Studies Towards the Total Synthesis of Zwitterionic Trisaccharide Repeating Unit of Staphylococcus aureus CP8
- PP100**
Lorenzo Favier (Italy): Photocatalyzed, C-5 selective functionalization of β -fucosides via HAT mechanisms
- PP101**
Wilhelm Festl (Austria): Grafting Polyvalency: Click-Functionalized Cellulose for Enhanced Biological Recognition
- PP102**
Koichi Fukase (Japan): Stereocontrol in Mechanochemical Glycosylation Reactions
- PP103**
Mihály Herczeg (Hungary): Synthesis of heparosan and heparan sulfate analogue oligosaccharides with anti-inflammatory activity
- PP104**
Nam-Hai Hoang (Germany): Novel bacterial α 2,3- and α 2,6-sialyltransferases for efficient complex-glycan synthesis
- PP105**
Zuzana Hricovíniová (Slovakia): Mo(VI)-catalyzed isomerization reactions in the synthesis of rare sugars

PP106

Tsuyoshi Ichiyanagi (Japan): Stereo- and regiocontrolled synthesis of inner-core oligosaccharides expressed in *E. coli*, *Neisseria meningitidis*, and *H. influenzae* LPS/LOS

PP107

Henrik H. Jensen (Denmark): Streamlining anomeric deacetylation for the preparation of glycosyl trichloroacetimidates

PP108

Éva Juhász-Tóth (Hungary): 1,4-disubstituted triazoles possessing carbohydrate moieties: synthesis and evaluation as galectin inhibitors

PP109

Nina Jurišová (Slovakia): Progress in the second-generation synthesis of (5S)- and (5R)-5-benzylswainsonines as selective inhibitors of Golgi α -mannosidase II

PP110

Marta Kalińska (Poland): Monosaccharide Conjugation to 1,4-Dihydropyridines: Two Synthetic Strategies

PP111

Romana Köszagová (Slovakia): Active inclusion bodies in one-pot multienzymatic synthesis of UDP-GlcNAc

PP112

Remya Kumbappilliyil Rajan (Austria): Chemical synthesis of oligosaccharides related to plant rhamnogalacturonan-I

PP113

Ping-Shan Lai (Taiwan): Hyaluronic acid-triamcinolone acetonide conjugates as an innovative transparent formulation for efficient endotoxin-induced uveitis therapy

PP114

Yonghoon Lee (Canada): A β -subunit-selective fluorescence-quenched substrate for quantifying lysosomal β -hexosaminidase B activity in live cells

PP115

Chien-Fu Liang (Taiwan): Insight into p-Acetoxybenzyl Carbonate: An Orthogonal Hydroxyl Protecting Group with Selective Deprotection under Lanthanide(III)-Catalyzed Transesterification Conditions

PP116

Alexander Luttenberger (Austria): Functionalized Diaminocyclopentanes as Potent and Selective Glycosidase Inhibitors

PP117

Kishan Mandal (Sweden): Synthesis of Mucin Tandem Repeat Glycopeptides to Characterize Mucinase Activity and CBM Interactions

PP118

Ichiro Matsuo (Japan): Versatile and scalable synthesis of Lyso-phosphatidyl- β -D-glucoside via DMC-mediated condensation in aqueous media

PP119

Roey Gil Meir (Israel): Anhydro Galactose Building Blocks for the synthesis of Carrageenans

PP120

Amar Kumar Mishra (India): One-Pot Double Displacement Strategy on D-fucose to Access Rare Amino 6-Deoxy Sugars and a Trisaccharide unit of *Pseudomonas stutzeri* OX1

PP121

Laura Muñoz Gloder (Germany): Bifunctional Glycomimetic Ligands for Cell Type-selective Drug Targeting

PP122

Dmitry Novikov (Russian Federation): Synthesis and transformations of silylated β -(1 $\rightarrow$ 2)-linked diabinofuranoses bearing 4-methoxyphenyl, 4-(3-chloro- and 3-azidopropoxy)phenyl aglycones

PP123

Kazeem Ojelade (Slovakia): Synthesis of Esculetin Rutinoside via Unprotected and Partially Protected Acceptors

PP124

Maximilian O'Neill (Ireland): Stereoselective Synthesis of α -Fucosides

PP125

Ondřej Orság (Czech Republic): Stereoselective blue light-promoted synthesis of glycopyranosyl azoles

PP126

Klaudia Palenčárová (Slovakia): *Pasteurella multocida* Hyaluronan Synthase – Pull-down into Active Inclusion Bodies and Immobilization on Magnetic Particles

PP127

Rajendra Popat Parande (Taiwan): Design, Synthesis, and Biological Evaluation of β -Glucuronidase-Responsive Monomethyl Auristatin E Prodrugs

- PP128**
Zsófia Peleskei (Hungary): Chemical synthesis of biologically active heparan sulfate analogue L-iduronic acid containing trisaccharides
- PP129**
Monika Poláková (Slovakia): Small glycomimetics as useful tools for bioassays
- PP130**
Matthias Posch (Austria): Automated Synthesis of Oligosaccharides Related to Alginate
- PP131**
Edvin Purić (Slovenia): Targeted degradation of galectin-8 using PROTAC technology
- PP132**
Chunjun Qin (China): Chemical synthesis elucidates the absolute configuration and key antigenic epitope of *Vibrio cholerae* serotype O100 O-antigen
- PP133**
Thomas Rexer (Germany): Scalable Cell-Free Multi-Enzyme Cascades for the Synthesis of Nucleotide-Activated Sugars to Enable Large-Scale Production of Complex Carbohydrates
- PP134**
Samreen Saifi (Hungary): Synthesis and biological assessment of (β -D-galactopyranosyl)oxadiazole, -isoxazole and -isoxazoline derivatives as galectin inhibitors
- PP135**
Márcia Saraiva (Portugal): Development of conformationally defined glyco-foldamer microarrays for glycan-based diagnosis and therapeutic strategies in cancer
- PP136**
Himani Sethi (Canada): Synthesis and testing of novel allylic carbasugars as covalent inhibitors of glycoside hydrolases
- PP137**
Elena Spari (Austria): Recent advances in protein profiling: ligand directed chemistry strategies for glycoside hydrolases
- PP138**
Siyu Tang (Hong Kong): Development of synthetic Pse-based antibacterial vaccines against Gram-negative bacteria
- PP139**
Martin Thonhofer (Austria): Stereoselective ring contractions in glycopyranosides as key-step en route to isoiminosugars
- PP140**
Shota Uozumi (Japan): Development of a fully α -selective glycosylation method using a bicyclic pseudaminic acid donor
- PP141**
Yingjie Wang (China): Copper-Promoted Glycosylation of S-ortho-Aminophenyl (SoAP) Glycosides via Nitroso Transfer and Intramolecular Diazonium Cyclization
- PP142**
Patrick Weber (Austria): Design and Synthesis of Novel Bicyclic Iminosugars as Glycosidase Inhibitors
- PP143**
Peng Xu (China): Efficient Synthesis of Anticoagulant Fondaparinux via Orthogonal One-pot Glycosylation and Microwave-assisted Simultaneous O,N-sulfonation
- PP144**
Kenji Yoshida (Japan): Synthesis of plant-derived acylated steryl β -glucoside (β ASG) and structure-activity relationship governing innate immune modulation
- PP145**
Alshimaa I. Zaki (Hungary): Half-sandwich type platinum-group metal complexes of N- β -D-disaccharidyl 1,2,3-triazoles: synthesis, anticancer and antibacterial properties
- PP146**
Alla Zamyatina (Austria): Immunoreactive Zwitterionically Modified Synthetic Glycan Epitopes Are Ligands for Lectins and Pentraxins
- PP147**
Jan Goldmund Zelený (Czech Republic): Controlled synthesis of well-defined low-molecular-weight chitosan scaffolds for multivalent galectin inhibition

EXHIBITION AND SYMPOSIUM AREA

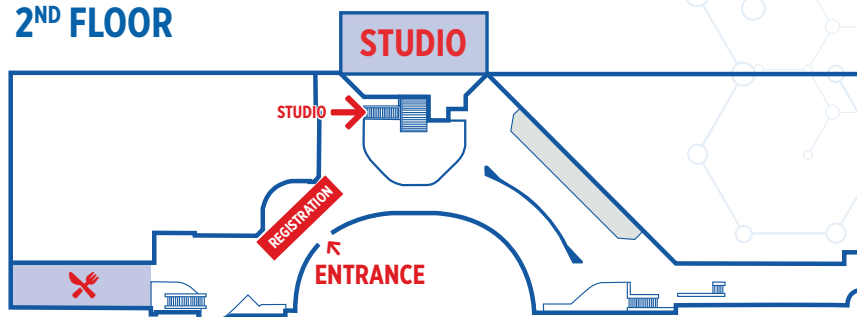
In parallel with the scientific programme of ICS 2026, an exhibition will take place featuring companies active in the fields of carbohydrate chemistry, biochemistry, glycobiology, laboratory equipment, analytical instrumentation, and related scientific areas.

The exhibition stands will be located on the 3rd floor of the Slovak National Theatre (SND).

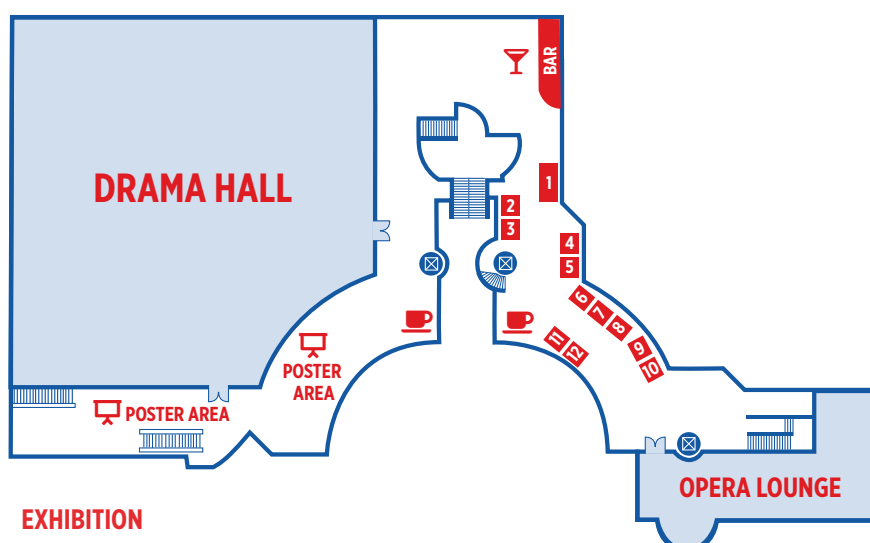
EXHIBITION HOURS:

Sunday, July 5, 2026	16:00–20:30
Monday July 6, 2026	8:00–18:00
Tuesday July 7, 2026	8:00–18:00
Wednesday July 8, 2026	8:00–13:00
Thursday July 9, 2026	8:00–16:00

2ND FLOOR



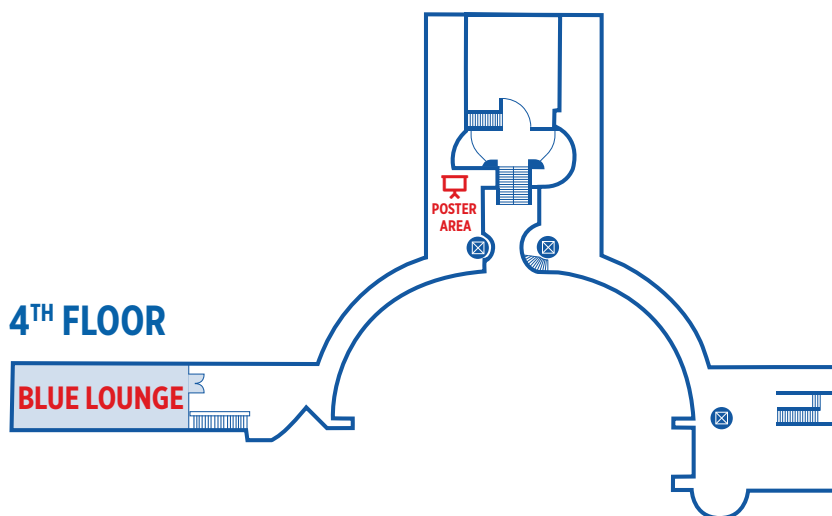
3RD FLOOR



EXHIBITION

- | | | | |
|---|---------------------|----|-------------------|
| 1 | Shimadzu | 7 | Biotech |
| 2 | Elicityl | 8 | Sarstedt |
| 3 | Dextra Laboratories | 9 | Hermes Labsystems |
| 4 | Synthose Inc. | 10 | Merck LifeScience |
| 5 | Eversyn GmbH | 11 | LifeM |
| 6 | Biotecha Slovakia | 12 | Labo Sk |

4TH FLOOR



SOCIAL PROGRAMME

OPENING CEREMONY & AWARDS

Date: Sunday 5 July 2026, 16:00 – 18:00
Place: Slovak National Theatre (Drama Hall)
Address: Pribinova 17, 819 01 Bratislava, Slovakia
Price: Included in the registration fee for symposium participants

WELCOME RECEPTION

Date: Sunday 5 July 2026, 18:30 – 21:00
Place: Slovak National Theatre (Foyer)
Address: Pribinova 17, 819 01 Bratislava, Slovakia
Price: Included in the registration fee for symposium participants

CULTURAL EVENING

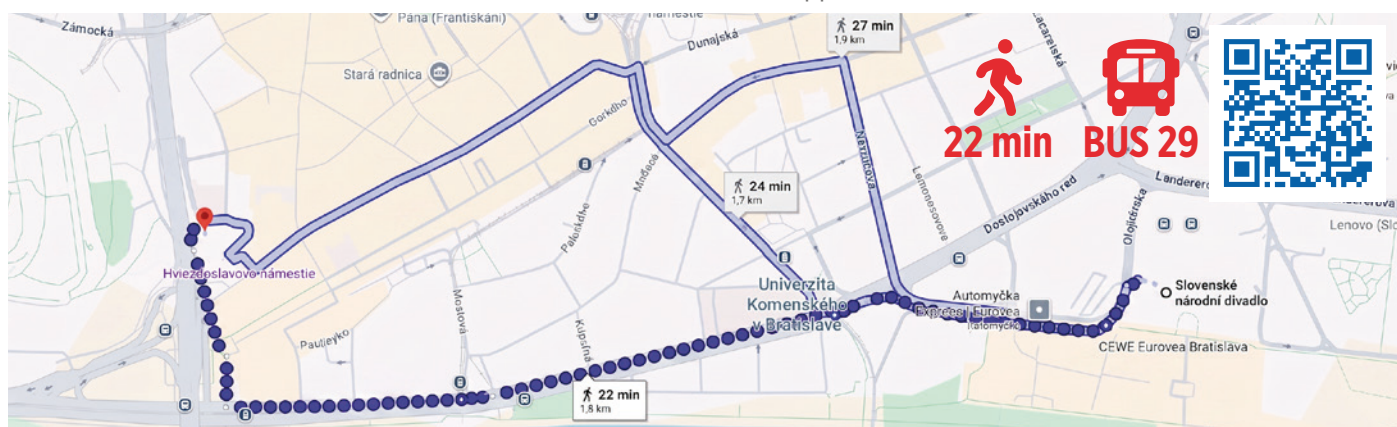
Date: Tuesday 7 July 2026, at 20:00
Place: The St. Martin's Cathedral
Address: Rudnayovo nám. 1, 811 01 Bratislava, Slovakia
Price: Included in the registration fee for symposium participants

PLEASE REMEMBER TO BRING YOUR SYMPOSIUM BADGE.

HOW TO GET TO THE CULTURAL EVENING?

1. WALKING (recommended)

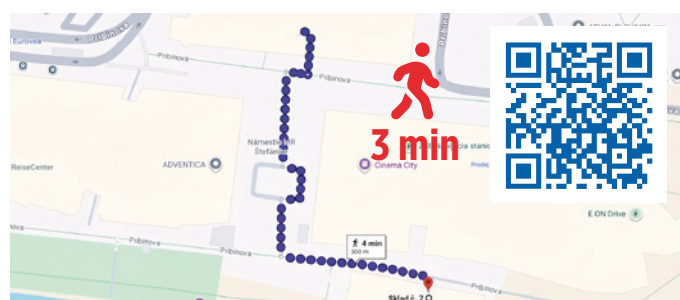
Slovak National Theatre → St. Martin's Cathedral
20–25 minutes | 1.6 km
Easy and direct route through the Old Town



HOW TO GET TO THE SYMPOSIUM DINNER?

1. WALKING

From Slovak National Theatre to DOCK7
Walk directly towards the Danube River and continue along the riverside promenade
3 minutes | 240 m
DOCK7 will be on your left-hand side



SYMPOSIUM DINNER

Date: Thursday 9 July 2026, at 19:00
Place: DOCK7
Address: Pribinova 32, 811 09 Bratislava, Slovakia
Price: 100 EUR (late/on-site registration).
Please note that on-site tickets are subject to availability.

PLEASE REMEMBER TO BRING YOUR SYMPOSIUM BADGE.

We warmly invite you to join the Symposium Dinner, which will take place on Thursday, 9 July 2026. It will be a pleasant opportunity to conclude the symposium, reflect on the scientific programme, and enjoy an informal evening with colleagues.

The dinner will be held at DOCK 7, a distinctive riverside restaurant and brewery located on the banks of the Danube in Bratislava. Set in a landmark industrial building, the venue combines historical character with contemporary design and is known for its quality cuisine and craft beers brewed on site, creating a memorable setting for an evening with colleagues and friends.

2. PUBLIC TRANSPORT

From Slovak National Theatre area:
Walk approx. 4 minutes to **Malá scéna** stop
Take **bus 29** (direction: **Opletalova**)
Ride approx. 4 minutes (3 stops) to **Most SNP**
Walk approx. **4–6 minutes** to St. Martin's Cathedral

INFORMATION

CONFERENCE VENUE

Address Slovak National Theatre (SND)
Pribinova 17, 819 01, Bratislava, Slovakia

The Slovak National Theatre (SND) is a major cultural institution located in the Eurovea district by the Danube River. It offers an elegant and representative setting for conferences and scientific meetings in a central location with excellent transport connections.

<https://snd.sk/en>

INTERNET ACCESS

Free Wi-Fi connection will be available in the foyer, poster area, and exhibition area.

Name: ICS2026

Password: Bratislava2026

Please note that Wi-Fi is not available in the main lecture halls.

REFRESHMENT

Coffee break

Coffee breaks will be served to all registered participants in the foyer on the 3rd floor. Catering stations are marked on the Symposium floor plan.

Lunches

Lunch will be available during the scheduled lunch break in the Exhibition Hall (2nd floor), near the registration area. Lunch is not included in the registration fee and is available only to participants who have purchased it. Please bring your symposium badge.

BOOK OF ABSTRACTS

The ICS 2026 Book of Abstracts is available in electronic format on the conference website:

<https://www.ics2026.sk/book-of-abstracts/>

SOCIAL MEDIA

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REGISTRATION

NAME BADGE

All delegates will receive a personal name badge with a unique QR code upon registration. The badge serves as identification and grants access to scientific sessions and social events. Participants are kindly requested to wear their badge at all times and bring it to all symposium activities, including evening events.

A fee of 30 EUR will be charged for the replacement of a lost badge.

REGISTRATION HOURS

Sunday, July 5, 2026	13:00 – 19:00
Monday July 6, 2026	8:00 – 18:00
Tuesday July 7, 2026	8:00 – 18:30
Wednesday July 8, 2026	8:00 – 13:30
Thursday July 9, 2026	8:00 – 17:30

The registration desk is located on the ground floor in the Foyer of Slovak National Theatre.

On Sunday, 5 July 2026, the registration desk will be open from 13:00–19:00. Please note that access to the conference hall will be available from 15:00, although participants are welcome to register earlier.

Certificates of Attendance

Certificates of Attendance will be sent to all registered participants to the e-mail address provided during registration within two weeks after the symposium.

GOOD TO KNOW

Cell Phones

Participants are kindly requested to switch off or set their mobile phones to silent mode in the meeting rooms during scientific sessions.

City Transport

Public transport in Bratislava is operated by the Bratislava Integrated Transport system (IDS BK). Tickets can be purchased via the official IDS BK mobile application, SMS tickets, ticket machines located at stops, and in selected public transport vehicles. Tickets can be purchased directly in the mobile application.

Participants are kindly advised to download the official mobile application here: <https://www.idsbk.sk/en/app/>
Further information is available at: <https://www.idsbk.sk/en/>

Currency

The official currency of the Slovak Republic is the euro (EUR).

International credit cards are widely accepted in hotels, restaurants, and shops. Exchange offices and ATMs are readily available throughout the city.

Electricity

Slovakia uses a 230 V / 50 Hz electrical system. The standard socket type is Type E (two round pins with a grounding hole). Visitors may need a plug adapter depending on their country of origin.
More information: <https://www.power-plugs-sockets.com/bo/slovakia/>

Important Telephone Numbers

112 – European emergency number (general emergency)
150 – Fire brigade
155 – Emergency medical service
158 – Police

Insurance

The organizers can accept no liability for personal injuries or loss, or damage to property belonging to the Conference participants, either during or as a result of the event. Participants are advised to take out proper travel and health insurance before departing from their home country.

No-smoking

Smoking is not permitted in the ICS 2026 venue.

Official language

The official language of the ICS 2026 is English.

Time Zone

Slovakia is in the Central European Time zone (CET, UTC+1). Daylight saving time (CEST, UTC+2) is observed from the last Sunday in March to the last Sunday in October.

Tipping

Tipping is customary in Slovakia, especially in restaurants. A tip of around 10% is generally appreciated for good service but is not obligatory.

Taxi

Taxis are available throughout Bratislava. Standard taxi services operate across the city. Mobile taxi applications are commonly used, with Bolt being the most widely used service. Bolt offers convenient booking via a mobile app and cashless payment options: <https://bolt.eu>

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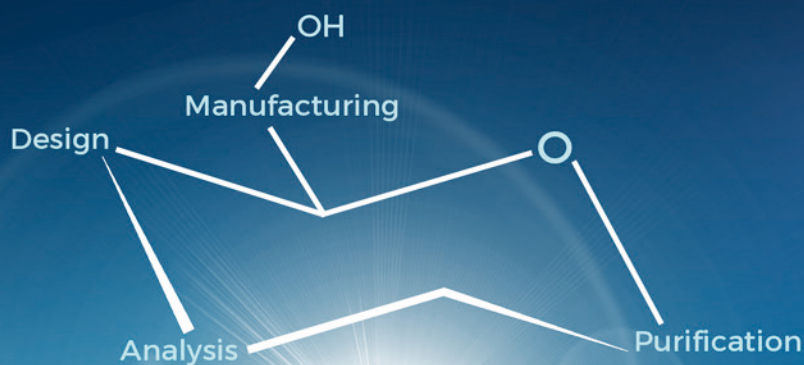
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PIPELINE OF INNOVATION

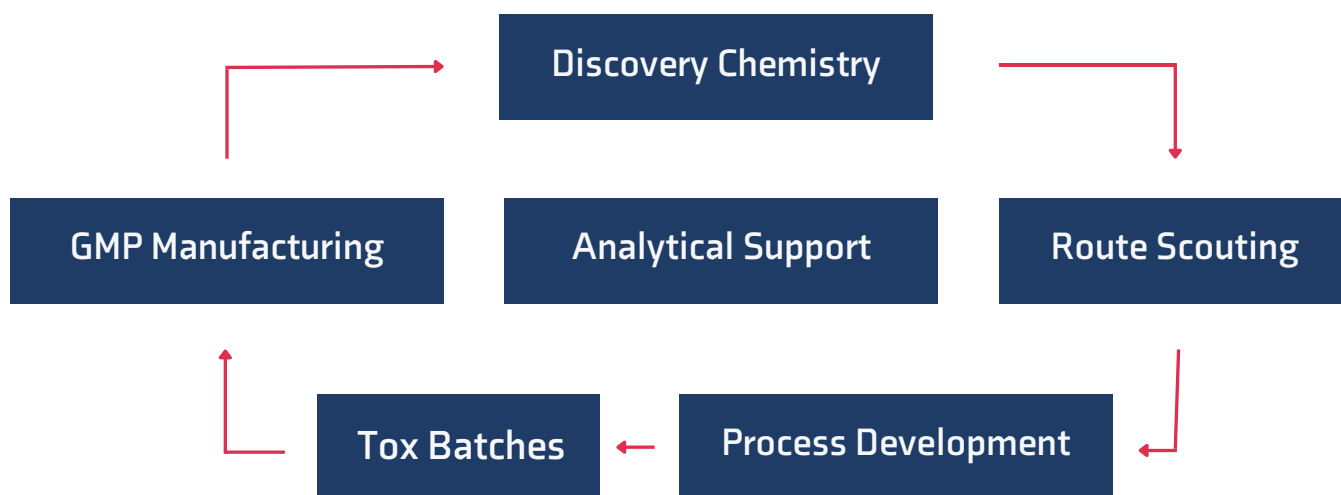
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