Spring 2026 Newsletter

AMERICAN CHEMICAL SOCIETY DIVISION OF CARBOHYDRATE CHEMISTRY & CHEMICAL GLYCOBIOLOGY (CARB)

CARBOHYDRATES IN THE NEWS

ANNOUNCEMENTS

The Roy L. Whistler International Award in Carbohydrate Chemistry 2026 *Prof. Todd Lowary receives this award for his groundbreaking contributions to the development of tools to understand the role of glycans in bacterial disease, in particular those caused by mycobacteria, including tuberculosis. Lowary's many seminal contributions span the whole gamut of carbohydrate chemistry from synthesis to NMR and computational work, and to biology, including the synthesis and functional elucidation of the very complex bacterial surface glycans.*

Todd Lowary received his B.A. in chemistry from the University of Montana and his Ph.D. in organic chemistry from the University of Alberta. Postdoctoral appointments were at the University of Alberta and the Carlsberg Laboratory. In 1996, he started a position in the Department of Chemistry at The Ohio State University as an Assistant Professor and in 2002 was promoted to Associate Professor with tenure. He returned to the University of Alberta in 2003, retiring in 2021 as the R. U. Lemieux Professor of Carbohydrate Chemistry. In 2019 he became a Distinguished Research Fellow at the Institute of Biological Chemistry at Academia Sinica in Taipei, Taiwan, a position he continues to hold. He also currently serves as the Director of the Institute.

Research interests are in carbohydrate chemistry and biochemistry, in particular as these fields relate to microbial glycans. Areas of particular focus are glycans from mycobacteria, including *Mycobacterium tuberculosis*, the pathogen that causes tuberculosis, gram-negative bacteria

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FUTURE NEWSLETTERS

The Carbohydrate Division Newsletter is published twice a year, just before the two annual National ACS meetings. If you have items for inclusion in future, please send the information to:

Executive Secretary & Newsletter Editor
James Janetka: janetkaj@wustl.edu

lipopolysaccharide biosynthetic probes, vaccine antigens from *Streptococcus suis,* and mycobacteriophage–glycan interactions. His group has published over 280 research papers and reviews to which over 125 M.Sc. students, Ph.D. students, technicians and postdoctoral fellows in his research group have contributed. He is Fellow of the American Chemical Society, the American Association for the Advancement of Science and the Royal Society of Canada.

Prof. M. Carmen Galan, Secretary of the International Carbohydrate Organization (ICO)
Prof. Ivone Carvalho, Past-president of the International Carbohydrate Organization (ICO)
Prof. Biao Yu, President of the International Carbohydrate Organization (ICO)
Prof. Miloš Hricovíni, President-elect of the International Carbohydrate Organization (ICO)

ACC WCC Merck Research Award

Congratulations to April Sweet Tapayan, a fourth-year graduate student studying chemistry and chemical biology in the Department of Chemistry at Wayne State University (Hien M Nguyen lab). She has been selected as one of eight women chemists among 295 applicants to receive the prestigious ACC WCC Merck Research Award. April is being nationally recognized by the American Chemical Society and Merck for her outstanding research. She will present her work at the Fall 2026 ACS National Meeting in Chicago.

The 2026 CARB Division Awards

The ACS Division of Carbohydrate Chemistry honors and recognizes the outstanding contribution of investigators to carbohydrate chemistry or glycomics with regards to education, research, or applications.

David Gin Award: Stacy Malaker, Yale University Stacy has developed novel and transformative mass spectrometry-based technologies for the analysis of protein O-glycosylation and has made exceptional advances in the emerging field of mucin glycoproteomics. Since beginning her independent faculty position at Yale in 2021, Stacy has published over 40 research papers (with a total of 62), highlighting her productivity and leadership in the field.

Horace Isbell Award: Matthew Macauley, University of Alberta Matt is a rising leader in chemical glycobiology. He has developed innovative chemical and biological tools to probe the roles of glycans in biology, with a particular focus on immunology. Since launching his independent career at the University of Alberta in 2017, he has published over 80 of his 117 total publications, reflecting his remarkable productivity and scientific impact.

Derek Horton Award: Anthony Serianni, University of Notre Dame Tony has made outstanding contributions to the field of Industrial Carbohydrate Chemistry. He has done pioneering work in stable isotope labeling of saccharides and NMR-based structural analysis of carbohydrates. Tony founded Omicron Biochemicals in 1982 and has served as the President and CEO of the company since its inception. For over four decades, Omicron under Tony's leadership has supplied critical and high-quality carbohydrate reagents and standards to the glycoscience community, facilitating both academic and industrial research.

Melville L. Wolfrom Award: Steve Sucheck, University of Toledo Steve has done outstanding and distinguished service to the division and the field of Carbohydrate Chemistry. His contributions span outstanding academic research in carbohydrate chemistry, long-term dedication and leadership within the CARB division, and tireless advocacy for the advancement of carbohydrate chemistry and chemical glycobiology.

Nomination deadline is June 15, 2026, https://acscarb.org/awards/

NEW CARB DIVISION OFFICERS

Awards Committee
Professor Steven Townsend
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Message from the New ACS CARB Division Chair, Xi Chen

I am honored to serve as the Chair of the ACS CARB for the duration of January 1, 2026 through December 31, 2027. From around the world (from 53 countries and regions!), together we are leading the efforts in pushing boundaries and advancing the frontiers of Carbohydrate Chemistry & Chemical Glycobiology. Please spread the word and encourage more colleagues to join the CARB Membership by visiting https://acscarb.org/about-us/membership/.

On behalf of the CARB, I would like to thank Steve Sucheck, Kamil Godula, Charlie Fehl, Julianna Follmar, Janelle Sauvageau, Danielle Dube, Jia Niu, and Lai-Xi Wang for fulfilling their respective roles on the CARB Executive Committee last year and welcome new CARB Executive Committee members: Lei Li and Carlos Sanhueza (Members-At-Large), Simone Duran-Nyers (Members-At-Large, Student Member), Gavin Miller (Members-At-Large, Member residing in a country other than USA), and Steve Townsend (Awards Committee). Thank you Kamil Godula, Charlie Fehl, and Jim Janetka for taking up new roles on the committee.

This year marks the celebration of 150 years of ACS. Established in 1919, the CARB division also has a rich history of more than one century. We are more interdisciplinary and more collaborative than ever. We continue our efforts in inspiring and nurturing new generation of glycoscientists, connecting with national and international community, learning and collaborating to advance glycoscience, and striving to translate basic science to real-life applications.

Under the leadership of CARB Division's Immediate Past Chair Clay Bennett and previous Program Chair Kamil Godula, CARB organized exciting symposia and co-organized joint programs with other ACS divisions in both Spring and Fall ACS national meetings in the past two years. We look forward to seeing you in the upcoming ACS Spring 2026 national meetings in Atlanta and ACS Fall 2026 national meetings in Chicago for which our current Program Chair Charlie Fehl is taking the lead on programing. If you plan to organize symposia in future meetings, please reach out to Charlie (charlie.fehl@wayne.edu).

I would like to take the opportunity to congratulate our 2026 CARB Award winners. Please join us celebrating their achievements at the CARB Award Symposium in Atlanta on Sunday, March 22, 2026 and the award dinner on March 23, 2026 from 6:00 -9:00 pm (seating at 6:30 pm). Please continue to nominate outstanding candidates for the 2027 CARB Awards by June 15, 2026 (https://acscarb.org/awards/).
A number of CARB members are ACS Fellows and/or award winners of the ACS national awards. Please continue to nominate our members for the **ACS Fellows Program** (Nomination window: February 23 to April 23, 2026) and the **2027 ACS National Awards** (Nomination window: July 1 to December 15, 2026).

Do not hesitate to share your exciting news with Jim Janetka (janetkaj@wustl.edu) so that he can include them in future newsletters. If you have any questions or suggestions, feel free to reach out to any of the ACS CARB Executive Committee members (https://acscarb.org/about-us/executive-committee/). We look forward to further strengthening community building and providing a stronger supporting system for each other.

IN MEMORIAM: Hans Vliegenthart

Professor Dr. Johannes Frederik Gerardus (Hans) Vliegenthart (April 7, 1936 – February 12, 2026)

We mourn the passing of Prof. Dr. Hans Vliegenthart, a pioneering Dutch biochemist whose groundbreaking work in carbohydrate chemistry and glycobiology transformed our understanding of the molecular basis of life.
Born in Zuilen in 1936, the Netherlands, Hans Vliegenthart's path to scientific eminence began with an inspiring biology teacher who instilled in him the vision that molecular-level insights are essential to understand biological problems. This conviction led him to pursue chemistry rather than biology at Utrecht University,

where he earned his degree in 1960 in a combination of organic chemistry (with prof. Kögl) and histology. He completed his PhD in 1967 under the supervision of prof. Arens, with a thesis on neurohypophysial hormones.

A Distinguished Scientific Career

The academic journey of Hans Vliegenthart at Utrecht University spanned over six decades. After his appointment as an Assistant and Associate Professor (1968-1975), he was professor of Bio-Organic Chemistry until his retirement in 2003. His research focused on the structural characterization of (poly)saccharides, glycoprotein glycans, glycolipids, and proteoglycans, and on the synthesis of fragments of capsular polysaccharides of pathogenic bacteria. He became internationally renowned for pioneering the analysis of primary and three-dimensional structures of carbohydrates and glycoproteins using advanced technologies including NMR spectroscopy, chromatography, and mass spectrometry. His work had far-reaching applications in biology and medicine, from research into blood types to the development of carbohydrate-based vaccines against infections and the role of glycoprotein glycans in healthy living cells and tumour growth. Besides his strong activities in carbohydrate research, he also became interested in the function of lipoxygenases in relation to their effects on unsaturated fatty acids. Over his career, he supervised 75 doctoral candidates and is (co)author of over 650 scientific articles.

Founding the Bijvoet Centre

In 1988, Hans Vliegenthart founded the Bijvoet Centre for Biomolecular Research jointly supported by Utrecht University and the Netherlands Foundation for Chemical Research, which is still one of the three research institutes of the Department of Chemistry. As its research director until 2000, he established the foundations for intensive collaboration between structural biology research groups. The centre became a testament to his vision of interdisciplinary scientific cooperation. After his retirement, he became the chairman of the centre's Scientific Advisory Board until 2023. In this role, he provided the centre with invaluable advice on scientific direction and strategic development, drawing on his decades of experience in the field. He was especially committed to the well-being of PhD candidates in the Centre, offering guidance to ensure they had the support needed to develop both as scientists and as individuals.

International Recognition and Honours

His exceptional contributions to science earned Hans Vliegenthart numerous prestigious honours. In 1989, he became an honorary member of the American Society for Biochemistry and Molecular Biology. He was elected to the Royal Netherlands Academy of Arts and Sciences in 1990 and became a Foreign Member of the Royal Swedish Academy of Sciences. Hans Vliegenthart received three honorary doctorates: from the University of Debrecen, Hungary (1992), the University of Science and Technology in Lille, France (1993), and Stockholm University, Sweden (1997). In 1994, he was awarded the prestigious Claude S. Hudson Award in Carbohydrate Chemistry by the American Chemical Society. He received the Bijvoet Medal in 2000 and the Order of the Netherlands Lion in 1998. Utrecht University honoured him with its Silver Medal in 2003, and in 2017, he was elected a Fellow of the American Association for the Advancement of Science. He was chairman of the organizing committees of the XIIth International Carbohydrate Symposium in Utrecht (1984), the 9th European Carbohydrate Symposium in Utrecht (1997), and the XVIth International Symposium on Glycoconjugates in The Hague (2001). Among many national and international functions, he was a member of several Nomenclature Committees (IUBMB and IUPAC), and a member of the Scientific Advisory Board of the Science Frontier Program at the Riken Institute in Wako, Japan.

The Vliegenthart Thesis Award
Beyond his scientific achievements, Hans Vliegenthart demonstrated deep commitment to Utrecht University's broader community. He served two terms as Dean of the Faculty of Chemistry (1985-1989 and 2000-2003) and was chairman of the Utrecht University Fund from 1999 to 2004, where he played a pivotal role in developing the university's alumni relations. Upon his retirement from this position in 2004, the Vliegenthart Thesis Award was established in his honour. This annual prize continues to recognize outstanding master's theses and showcase exceptional student talent to the wider academic and alumni community. The award stands as a lasting tribute to his dedication to nurturing the next generation of scholars.

The legacy of Hans Vliegenthart lives on not only through his scientific contributions that laid the foundations for modern glycan research, but through the institution he founded, the students he mentored, and the award that continues to inspire excellence among graduates of Utrecht University. He will be remembered as a visionary scientist, dedicated educator, and generous leader who profoundly shaped both his field and his university.

Call for Papers: Carbohydrates

16 ACS journals are partnering with CARB to create one of the largest Special Issues ever from ACS Publications. We are thrilled to showcase the exciting insights, applications, and other new advances from the terrific carbohydrate community! The Special Issue will welcome submissions broadly in the areas of carbohydrate biosynthesis and metabolism, the installation and biological impacts of carbohydrate modifications, carbohydrates in vaccines and drug discovery, carbohydrates in materials, and more.

Click here to discover the full list of participating journals, appropriate contact information, and other details.

Submission deadline: September 30, 2026.

Topics of interest include:
• CBMs, CAZymes and other protein/enzyme systems
• Carbohydrate-based natural products and any biomolecule including carbohydrates
• Carbohydrates in health and disease, including vaccines, diagnostics, and more
• Carbohydrate polymers, carbohydrate materials, and biomaterials
• Glucose/carbohydrate metabolism and metabolic engineering
• Chemoenzymatic synthesis and biosynthesis of complex carbohydrates
• Glycobiology
• Carbohydrates in chemical toxicology/exposure
• New tools and methods
• Computational modeling and fundamental studies of carbohydrates

ACS SPRING 2026 – CARB PROGRAM-AT-A-GLANCE

March 22–26, 2026 | Georgia World Congress Center (GWCC)
Program Chair: Charlie Fehl

Day	Time	Session Type	Symposium	Room	Notes
Sun, Mar 22	8:00–11:55 AM	Oral	CARB Awards 2026	GWCC, room C205	Awards Session

Sun, Mar 22	2:00–5:00 PM	Oral	Women in CARB (Session A)	GWCC, room C205	Network of Women in CARB
Mon, Mar 23	8:00–11:55 AM	Oral	Women in CARB (Session B)	GWCC, room C205	Network of Women in CARB
Mon, Mar 23	2:00–5:45 PM	Oral	Biomimetic Glycoconjugates. (Session A)	GWCC, room C205	Biology, Methods, Applications
Tue, Mar 24	8:00–11:25 AM	Oral	Biomimetic Glycoconjugates (Session B)	GWCC, room C205	Biology, Methods, Applications
Tue, Mar 24	8:00–11:25 AM	Oral	Next-Gen Glycoscientists (Session A)	GWCC, **room C204**	PUI-focused CARB talks.
Tue, Mar 24	2:00–5:45 PM	Oral	Next-Gen Glycoscientists (Session B)	GWCC, **room C204**	PUI-focused CARB talks.
Tue, Mar 24	2:00–5:45 PM	Oral	Transformative Natural Polymers – Polysaccharides (Session A)	GWCC, room C205	Joint with POLY/PMSE, polysaccharide polymer focus
Tue, Mar 24	6:00–8:00 PM	Poster	CARB Poster Session I	**Exhibit Hall B3/B4**	Posters for Biomimetic, Women in CARB, and Next-Gen Glyco
Wed, Mar 25	8:00–11:55 AM	Oral	Transformative Natural Polymers – Proteins (Session B)	**Marriott Marquis,** International Room 10	Joint with POLY/PMSE, protein-based polymer focus
Wed, Mar 25	8:00–11:25 AM	Oral	BioF:GREAT (Session A)	GWCC, room C205	NSF resource for Glycoscience research and training.
Wed, Mar 25	12:00–2:00 PM	Poster	CARB Poster Session II	**Exhibit Hall B3/B4**	Posters for Microbial Carb and BioF:GREAT
Wed, Mar 25	2:00–5:00 PM	Oral	BioF:GREAT (Session B)	GWCC, room C205	NSF resource for Glycoscience research and training.
Thu, Mar 26	8:00–11:25 AM	Oral	Microbial Carbohydrates	GWCC, **room B314**	Carbs in host-pathogen and virulence.

ACS SPRING 2026 – CARB FULL AGENDA

March 22–26, 2026 | Georgia World Congress Center (GWCC)
Program Chair: Charlie Fehl

Sunday, March 22

CARB Awards 2026

8:00 AM – 11:55 AM | Georgia World Congress Center, room C205
Organized by Clay Bennet (Tufts University)
Awards session highlighting major contributions in carbohydrate chemistry and biology.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Introduction		1	8:00 AM	8:05 AM	Sunday 3/22/2026
2	4452416		Bridging the gap: Selective isotopic labeling and NMR strategies for very large RNA complexes	Dayie, Theodore K…	2	8:05 AM	8:30 AM	Sunday 3/22/2026
3	4418495		NMR studies of stable isotopically-labeled saccharides	Serianni, Anthony	3	8:30 AM	9:00 AM	Sunday 3/22/2026
4	4458472		Chemical strategies for exploring the mucosal glycocalyx	Godula, Kamil	4	9:00 AM	9:25 AM	Sunday 3/22/2026
5	4410290		Mucinomics as the next frontier of mass spectrometry	Malaker, Stacy	5	9:25 AM	9:55 AM	Sunday 3/22/2026
6			Intermission		6	9:55 AM	10:05 AM	Sunday 3/22/2026
7	4421247		Roles of inhibitory siglecs in the regulation of immune responses	Paulson, James	7	10:05 AM	10:30 AM	Sunday 3/22/2026
8	4424388		Tools to study Siglecs and their glycan ligands	Macauley, Matthew	8	10:30 AM	11:00 AM	Sunday 3/22/2026
9	4404933		Decoding the secret life of carbohydrates	Wong, Chi-Huey	9	11:00 AM	11:25 AM	Sunday 3/22/2026
10	4421823		Targeting *Mycobacterium tuberculosis* GlgE: Novel glyomimetics inhibitors for antimicrobial discovery	Sucheck, Steven	10	11:25 AM	11:55 AM	Sunday 3/22/2026

Women in CARB (Session A)
2:00 PM – 5:00 PM | Georgia World Congress Center, room C205
Organized by Danielle Dube (Bowdoin College) and Catherine Grimes (Univ. of Delaware)
Major scientific advances from a network of women in CARB.

	Control ID	F...	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4402802		Rare sugars, transformative potential: Unlocking next-generation therapeutics from vaccines to inhibitors	Paul, Ankita	1	2:00 PM	2:30 PM	Sunday 3/22/2026
2	4421651		Synthesis of probes to study the incorporation of bacterial sugars into mammalian cells and analysis of feedback inhibition of bacterial nucleotidyltransferases by rare nucleotide L sugars	Ghosh, Antara	2	2:30 PM	3:00 PM	Sunday 3/22/2026
3	4418268		Synthesis of N-acetyl-quinovosamine from chitosan: A carbohydrate polymer-based approach to increase the accessibility of rare bacterial sugars	Hoffman, Hannah	3	3:00 PM	3:30 PM	Sunday 3/22/2026
4			Intermission		4	3:30 PM	3:50 PM	Sunday 3/22/2026
5	4421974		Chemical biology approach to characterizing the relationship between bacterial peptidoglycan and autophagy	DeMeester, Kristen	5	3:50 PM	4:20 PM	Sunday 3/22/2026
6	4435647		Exploring the role of heparan sulfate proteoglycans (hspgs) and HSPG mimetics in viral engagement	Snyder, Nicole	6	4:20 PM	4:50 PM	Sunday 3/22/2026
7	4438127		Rapid and routine measurement of o-glcnac across scales	Woo, Christina	7	4:50 PM	5:20 PM	Sunday 3/22/2026
8			Discussion		8	5:20 PM	5:50 PM	Sunday 3/22/2026

Monday, March 23

Women in CARB (Session B)
8:00 AM – 11:55 AM | Georgia World Congress Center, room C205
Organized by Danielle Dube (Bowdoin College) and Catherine Grimes (Univ. of Delaware)
Major scientific advances from a network of women in CARB.

	Control ID	F...	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Opening Remarks		1	8:00 AM	8:05 AM	Monday 3/23/2026
2	4417748		OGT's inner circle: Protein interactions and functional impact	Zachara, Natasha	2	8:05 AM	8:35 AM	Monday 3/23/2026
3	4399381		Targeted protein O-GlcNAc reveals transcriptional functions for O-GlcNAc	Mody, Alison	3	8:35 AM	9:05 AM	Monday 3/23/2026
4	4421701		Do soluble lectins recognize sugars better together?	Ghosh, Soumi	4	9:05 AM	9:35 AM	Monday 3/23/2026
5	4421400		Sustain-release oral tablets using Xanthan and Tragacanth gums as release modifiers	Manovacia, Nohora	5	9:35 AM	9:55 AM	Monday 3/23/2026
6	4435673		Automated continuous flow synthesis of carbohydrate building blocks: The case of glucuronic acid	Pohl, Nicola	6	9:55 AM	10:25 AM	Monday 3/23/2026
7	4400408		Automated glycan assembly of fucoidan oligosaccharides	Luong, Phuong	7	10:25 AM	10:55 AM	Monday 3/23/2026
8	(W) 441021		Streamlined chemical synthesis of fucosylated human milk oligosaccharides	Pooladian, Faranak	8	10:55 AM	11:25 AM	Monday 3/23/2026
9	4398825		Utility of human milk oligosaccharides as anti-inflammatory, antimicrobial, and adjuvant therapies	Gaddy, Jennifer	9	11:25 AM	11:55 AM	Monday 3/23/2026

Biomimetic Glycoconjugates: Synthesis and Applications (Session A)
2:00 PM – 5:45 PM | Georgia World Congress Center, room C205
Organized by Xue-Long Sun (Cleveland State) and Kamil Godula (UC San Diego)
Advances in design, synthesis, and applications of biomimetic glycoconjugates.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Opening remarks		1	2:00 PM	2:05 PM	Monday 3/23/2026
2	4400086		Precision glycan mimetics for cell glycocalyx models	Hartmann, Laura	2	2:05 PM	2:30 PM	Monday 3/23/2026
3	4420727		Navigating glycan heterogeneity: Investigating lectin specificity, affinity, and avidity	Guseman, Alex	3	2:30 PM	2:55 PM	Monday 3/23/2026
4	4421741		Design principles and applications of biomimetic glycopolymers	Callmann, Cassandra	4	2:55 PM	3:20 PM	Monday 3/23/2026
5	4420387		Multivalent Metal-Anchored glycoconjugates as synthetic probes for protein-carbohydrate interactions	Stauber, Julia	5	3:20 PM	3:45 PM	Monday 3/23/2026
6			break		6	3:45 PM	4:05 PM	Monday 3/23/2026
7	4404656		Molecular tools to probe biological sugars	Sim, Seunghyun	7	4:05 PM	4:30 PM	Monday 3/23/2026
8	4414587		Expediting the synthesis of heparan sulfate oligosaccharide mimetics	Mayieka, Morgan	8	4:30 PM	4:55 PM	Monday 3/23/2026
9	4421317		Identification of thermal degradation product of chitosan oligosaccharides (COS) and its "segmental" degradation	Li, Bo	9	4:55 PM	5:20 PM	Monday 3/23/2026
10	4414174		Pseudo-polysaccharides as native polysaccharide-mimetics	Niu, Jia	10	5:20 PM	5:45 PM	Monday 3/23/2026

Tuesday, March 24

Biomimetic Glycoconjugates: Synthesis and Applications (Session B)
8:00 AM – 11:25 AM | Georgia World Congress Center, room C205Organized by Xue-Long Sun (Cleveland State) and Kamil Godula (UC San Diego)
Advances in design, synthesis, and applications of biomimetic glycoconjugates.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Opening Remarks		1	8:00 AM	8:05 AM	Tuesday 3/24/2026
2	4399102		GlycoNanomaterials for biosensing and diagnostics	Gibson, Matthew	2	8:05 AM	8:30 AM	Tuesday 3/24/2026
3	4419906		Carbon nanotube-amplified optical macro-glycoligands for probing siglecs	Ao, Geyou	3	8:30 AM	8:55 AM	Tuesday 3/24/2026
4	4406614		Glycolipid conjugates: Towards a therapeutic cancer vaccine	Clausen, Mads	4	8:55 AM	9:20 AM	Tuesday 3/24/2026
5	4415795		Chemoenzymatic synthesis of glycosphingolipid derivatives enabling functional multiplex bead assays	Chen, Xi	5	9:20 AM	9:45 AM	Tuesday 3/24/2026
6			break		6	9:45 AM	10:05 AM	Tuesday 3/24/2026
7	4405682		Synthetic mucins for application in synthetic mucus, host immunology, and anti-infectives	Kramer, Jessica	7	10:05 AM	10:30 AM	Tuesday 3/24/2026
8	4458471		Glycoprotein as a drug candidate: Considerations and a concept	Kanie, Osamu	8	10:30 AM	10:55 AM	Tuesday 3/24/2026
9	4421296		Targeting the P-selectin/PSGL-1 pathway: Discovery of disease-modifying therapeutics for disorders of thromboinflammation	Chaikof, Elliot	9	10:55 AM	11:20 AM	Tuesday 3/24/2026
10			Closing Remarks		10	11:20 AM	11:25 AM	Tuesday 3/24/2026

Next Generation Glycoscientists: Glyco at Primarily Undergraduate Universities (Session A)
8:00 AM – 11:25 AM | Georgia World Congress Center, room C204
Organized by Nicole Snyder (Davison) and Danielle Dube (Bowdoin)
This symposium highlights glycoscience research and training at predominantly undergraduate institutions.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Opening Remarks		1	8:00 AM	8:10 AM	Tuesday 3/24/2026
2	4420355		Sugar probes to track uptake, utilization, and processing of monosaccharides by bacteria	Dube, Danielle	2	8:10 AM	8:40 AM	Tuesday 3/24/2026
3	4398748		Facile synthesis of rare bacterial amino sugars from chitin	Seebald, Leah	3	8:40 AM	9:10 AM	Tuesday 3/24/2026
4	4411695		SwsB acts as a muramic-δ-lactam cyclase in *Bacillus subtilis* spore peptidoglycan synthesis	Welsh, Michael	4	9:10 AM	9:40 AM	Tuesday 3/24/2026
5			Intermission		5	9:40 AM	10:00 AM	Tuesday 3/24/2026
6	4414628		Lyt at the end of the tunnel? Unravelling the complex interactions of the GlcNAcase LytG in bacterial cell wall metabolism	Reid, Christopher	6	10:00 AM	10:30 AM	Tuesday 3/24/2026
7	4414859		Characterization of bacterial lectin-carbohydrate binding and development of anti-adhesion inhibitors	McMahon, Caitlin	7	10:30 AM	11:00 AM	Tuesday 3/24/2026
8	4416513		From snot to sustainability: Mucin mimics motivate macromolecular manipulations	Brucks, Spencer	8	11:00 AM	11:30 AM	Tuesday 3/24/2026

Next Generation Glycoscientists: Glyco at Primarily Undergraduate Universities (Session B)
2:00 PM – 5:45 PM | Georgia World Congress Center, room C204
Organized by Nicole Snyder (Davison) and Danielle Dube (Bowdoin)
This symposium highlights glycoscience research and training at predominantly undergraduate institutions.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4416994		Exploring conformational space of pentofuranosides and related azasugars and synthesis of novel fluorinated derivatives	Rhoad, Jonathan	1	2:00 PM	2:30 PM	Tuesday 3/24/2026
2	4411098		Conformational control of the carbohydrate core regulates the biological activities of ipomoeassin F	Shi, Wei	2	2:30 PM	3:00 PM	Tuesday 3/24/2026
3			Intermission		3	3:00 PM	3:20 PM	Tuesday 3/24/2026
4	4420407		Synthesis of linderofruticoside A	Koviach-Cote, Jenni…	4	3:20 PM	3:50 PM	Tuesday 3/24/2026
5	4413105		Towards more 'friendly' sialylation reactions	De Meo, Cristina	5	3:50 PM	4:20 PM	Tuesday 3/24/2026
6			Discussion		6	4:20 PM	4:50 PM	Tuesday 3/24/2026

Transformative Natural Polymers for 21st Century Materials – Polysaccharides (Session A)
2:00 PM – 5:45 PM | Georgia World Congress Center, room C205
JOINT session between POLY, PMSE, and CARB
This symposium explores natural polymers, particularly polysaccharides, as sustainable, high-performance alternatives to fossil-based plastics.

	Control ID	F…	Title	Presenting Author	Order	Start Time	End Time	Day/Date	Division
1			Opening remarks		1	2:00 PM	2:10 PM	Tuesday 3/24/2026	
2	4410185		Polysaccharides: Lessons learned since the 19th century	Roman, Maren	2	2:10 PM	2:35 PM	Tuesday 3/24/2026	Division of Carbohydrate Chemistry…
3	4419940		Fungi-derived nanochitin simultaneously enhances mechanical properties and degradability in polyester composites	Caridi, Adam	3	2:35 PM	2:55 PM	Tuesday 3/24/2026	Division of Polymer Chemistry (PO…
4	4405712		Transform natural sugars into synthetic polysaccharide-based materials	Niu, Jia	4	2:55 PM	3:20 PM	Tuesday 3/24/2026	Division of Carbohydrate Chemistry…
5			Intermission		5	3:20 PM	3:35 PM	Tuesday 3/24/2026	
6	4401436		Dry lab oriented wet lab design to enable alginate mannuronic/guluronic acid ratio quantification by mass spectrometry	Yang, Xu	6	3:35 PM	3:55 PM	Tuesday 3/24/2026	Division of Carbohydrate Chemistry…
7	4409635		Cellulose-based encapsulation: From historical evolution to ai-driven optimization for sustainable innovations	EDDARAI, EL MEHDI	7	3:55 PM	4:15 PM	Tuesday 3/24/2026	Division of Cellulose and Renewabl…
8	4413458		Chitosan biocoagulants: Improving the safety, economics, and environmental impacts of an open air activated sludge system	Wood, Jenn	8	4:15 PM	4:40 PM	Tuesday 3/24/2026	Division of Environmental Chemistr…
9	4436678		Rethinking crosslinking in structurally colored cellulose: Green pathways	Dumanli, Ahu Gumrah	9	4:40 PM	5:05 PM	Tuesday 3/24/2026	Division of Polymer Chemistry (PO…
10			Panel discussion		10	5:05 PM	5:45 PM	Tuesday 3/24/2026	

CARB Poster Session I
6:00 PM – 8:00 PM | Georgia World Congress Center, EXHIBIT HALL B3/B4 – POSTERS
Posters for Next-Gen. Glycoscientists, Women in CARB, and Biomimetic Glycoconjugates.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4400573		Surprising broad substrate specificity of CHST1 enables chemoenzymatic modular synthesis of sulfated O-glycans and gangliosides	Bao, Shumin	1	6:00 PM	8:00 PM	Tuesday 3/24/2026
2	4415521		Photochemical O-Glycosylation promoted by umemoto's reagents	Adebayo, Olusegun	2	6:00 PM	8:00 PM	Tuesday 3/24/2026
3	4416288		Synthetic studies towards the development of multivalent oligomannosyl glycopeptide conjugates as potential HIV vaccine candidates	Roy, Anurag	3	6:00 PM	8:00 PM	Tuesday 3/24/2026
4	4417001		Synthesis and characterization of glycosylated self-assembling multi-domain peptides	Adesanya, Tomi	4	6:00 PM	8:00 PM	Tuesday 3/24/2026
5	(W) 441776		Synthetic CCR5 sulfopeptide library for chemokine binding analysis	Alieldeen, Mostafa	5	6:00 PM	8:00 PM	Tuesday 3/24/2026
6	4418338		Use mammalian cell-based enzymes for the synthesis of heterogeneous O-GalNAc glycopeptide	Yang, Nana	6	6:00 PM	8:00 PM	Tuesday 3/24/2026
7	4419870		Steps toward the divergent synthesis of rare bacterial amino-sugars and analogs	DeRosa, Joseph	7	6:00 PM	8:00 PM	Tuesday 3/24/2026
8	4419911		Synthesis of labeled phosphatidylinositolmannoside (PIM) fragments to probe glycolipid synthesis and transport processes in mycobacteria	Mensah, Caleb	8	6:00 PM	8:00 PM	Tuesday 3/24/2026
9	4420464		Improving the solubility and activity of porcine ST3Gal-I with ProteinMPNN	FAN, SHUQUAN	9	6:00 PM	8:00 PM	Tuesday 3/24/2026
10	4410397		Novel α- Sialosides targeting Influenza A virus haemagglutinin glycoprotein	Mahmoud, Sawsan	10	6:00 PM	8:00 PM	Tuesday 3/24/2026
11	4420750		Protection Group-Free synthesis of thioglycosides	Ittuveetil, Avinash	11	6:00 PM	8:00 PM	Tuesday 3/24/2026
12	4405211		Silver oxide promoted synthesis of α-O-GalNAc containing glyco-amino acids: Synthesis of Core 2 containing glyco-amino acids for solid phase synthesis of glycopeptides	Boye, Ousman	12	6:00 PM	8:00 PM	Tuesday 3/24/2026
13	4412869		Chemoenzymatic Synthesis of Sulfated LacDiNAc and Structural study of sulfotransferase (CHST8/CHST9)	Shabahang, Moham…	13	6:00 PM	8:00 PM	Tuesday 3/24/2026
14	4413775		Enzymatic synthesis of complex HMO structures with fucose and sulfate modifications	Pan, Jun	14	6:00 PM	8:00 PM	Tuesday 3/24/2026

	Control ID	F…	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4419779		Structural and functional insights into polysaccharides from indian ginseng (*Withania somnifera*)	Badshah, Syed	1	6:00 PM	8:00 PM	Tuesday 3/24/2026
2	4414577		C-terminal modification of the diamide antibiotic masarimycin to evaluate the importance of the amide n-h hydrogen bond donor and cyclohexyl group in biological activity	Nunez, Adrian | Furg…	2	6:00 PM	8:00 PM	Tuesday 3/24/2026
3	4418323		Synthesis of copper-complexed β-cyclodextrins for catalysis in cell-like environments	Cunningham, Samuel	3	6:00 PM	8:00 PM	Tuesday 3/24/2026
4	4406086		Chemoenzymatic synthesis of UDP-glucose for trehalose analogue production	Crews, Audrey	4	6:00 PM	8:00 PM	Tuesday 3/24/2026
5	4420287		Hybrid metabolic inhibitors based on bacterial monosaccharides induce potent disruption of protein glycosylation in *Helicobacter pylori*	Chowdhury, Aniqa	5	6:00 PM	8:00 PM	Tuesday 3/24/2026
6	4420390		Fluorescent sugar probes to track bacterial monosaccharide uptake	O'Connor, Adam	6	6:00 PM	8:00 PM	Tuesday 3/24/2026
7	4420434		Investigating the role of glycan biosynthesis in*Helicobacter pylori*-host cell interactions	Bhargava, Divya	7	6:00 PM	8:00 PM	Tuesday 3/24/2026

	Control ID	F…	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4404059		Isolation of broadly neutralizing nanobodies against HIV-1 from immunized alpacas	Chan, Payton	1	6:00 PM	8:00 PM	Tuesday 3/24/2026
2	4400459		Divergent chemoenzymatic synthesis of a comprehensive Type-1 glycan determinant library	Bai, Guitao	2	6:00 PM	8:00 PM	Tuesday 3/24/2026

Wednesday, March 25

Transformative Natural Polymers for 21st Century Materials – Proteins (Session B)
8:00 AM – 11:55 AM | Marriott Marquis, International Room 10
JOINT session between POLY, PMSE, and CARB
This symposium explores natural polymers, particularly proteins, as sustainable, high-performance alternatives to fossil-based plastics.

	Control ID	F…	Title	Presenting Author	Order	Start Time	End Time	Day/Date	Division
1	4438481		Sustainability considerations in advanced polymer materials	Huang, Xudong | Yua…	1	8:00 AM	8:25 AM	Wednesday 3/25/2…	Division of Polymer Chemistry (POLY): …
2	4422087		Polyhydroxyalkanoates (PHAs): Advancing properties via stereo- and sequence-control	Robinson, Jerome	2	8:25 AM	8:50 AM	Wednesday 3/25/2…	Division of Polymer Chemistry (POLY): …
3	4414507		Synergistic engineering of poly(3-hydroxybutyrate) architecture and stereomicrostructure achieves enhanced material properties	Gace, Maelle	3	8:50 AM	9:10 AM	Wednesday 3/25/2…	Division of Polymer Chemistry (POLY): …
4			Intermission		4	9:10 AM	9:25 AM	Wednesday 3/25/2…	
5	4413437		Influence of protein secondary structure on the thermal processability and mechanical properties of protein–polymer copolymers	Surprenant, Sunny	5	9:25 AM	9:45 AM	Wednesday 3/25/2…	Division of Polymeric Materials Science…
6	4405615		Pioneering biomarker discovery in mucinomics through mass spectrometry	Malaker, Stacy	6	9:45 AM	10:10 AM	Wednesday 3/25/2…	Division of Carbohydrate Chemistry & …
7	4405656		Synthetic mimics of antifreeze (glyco)proteins for application in cryopreservation	Kramer, Jessica	7	10:10 AM	10:35 AM	Wednesday 3/25/2…	Division of Carbohydrate Chemistry & …
8	4414885		Artificial protein fibers from cottonseed meals	Dedushkevich, Valeriya	8	10:35 AM	10:55 AM	Wednesday 3/25/2…	Division of Polymer Chemistry (POLY): …
9			Panel Discussion		9	10:55 AM	11:45 AM	Wednesday 3/25/2…	

Introduction to BioF: GREAT – NSF BioFoundries (Session A)
8:00 AM – 11:25 AM | Georgia World Congress Center, room C205
Organized by Lance Wells, Parastoo Azadi, and Kelley Moremen (Georgia / CCRC)
This symposium highlights NSF BioFoundry in Glycoscience Research, Education, and Training (BioF:GREAT) – resources and best practices in glycoscience research and training.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4410018		Nsf biofoundry: Glycoscience research, education, and training (biof:great)	Wells, Lance	1	8:00 AM	8:25 AM	Wednesday 3/25/2026
2	4459425		Users of BioF and glycomics	Azadi, Parastoo	2	8:25 AM	8:50 AM	Wednesday 3/25/2026
3	4459427		Glycosyltransferases and glycoenzymes	Moremen, Kelley	3	8:50 AM	9:15 AM	Wednesday 3/25/2026
4	4459428		Functional characterization of glycosyltransferases	Urbanowicz, Breean…	4	9:15 AM	9:40 AM	Wednesday 3/25/2026
5	4459430		Glycoenzymes, glycosites, and AI/ML	Kannan, Natarajan	5	9:40 AM	10:05 AM	Wednesday 3/25/2026
6	4459431		Integrating glycobiology education into the classroom	Dolan, Erin	6	10:05 AM	10:30 AM	Wednesday 3/25/2026
7	4413700		HIV-1 immunogens using glycan-engineered alphavirus-like particles	Kong, Rui	7	10:30 AM	10:55 AM	Wednesday 3/25/2026
8	4412881		Glycan-dependent mechanisms of trophoblast immune evasion	Rizzuto, Gabrielle	8	10:55 AM	11:20 AM	Wednesday 3/25/2026
9			Break for lunch		9	11:20 AM	11:25 AM	Wednesday 3/25/2026

CARB Poster Session II
12:00 PM – 2:00 PM | Georgia World Congress Center, EXHIBIT HALL B3/B4 – POSTERS
Posters for Microbial Carbohydrates and the Introduction to BioF:GREAT symposia.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4418707		Disease biomarker discovery using patterns of protein glycosylation	Amos, Robert	1	12:00 PM	2:00 PM	Wednesday 3/25/2026
2	4418237		Evaluation and optimization of 213 nm ultraviolet photodissociation (UVPD) fragmentation for native oligosaccharides linkage isomers	Duck, Ethan | Suns…	2	12:00 PM	2:00 PM	Wednesday 3/25/2026
3	4418139		Comparison of milk oligosaccharides from colostrum and colostrum products utilizing glycomic profiling and automated MS/MS	Hudgins, Lauren | A…	3	12:00 PM	2:00 PM	Wednesday 3/25/2026
4	4418103		RG-I O-acetyl position determination using mass spectrometry	Fernando, Liyanage	4	12:00 PM	2:00 PM	Wednesday 3/25/2026
5	4418091		NMR and mass spectrometry investigation of rhamnogalacturonan I (RG I) like structure in the water-soluble component of mistletoe adhesive extract (MAE)	Ambrish Kumar, Dr	5	12:00 PM	2:00 PM	Wednesday 3/25/2026
6	4414920		High-resolution ultraviolet dissociation of permethylated glycans using 213nm laser	Sunsunwal, Sonali	6	12:00 PM	2:00 PM	Wednesday 3/25/2026

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4397921		LC-MS profiling reveals bioactive peptidoglycan fragments derived from *Lactobacilli* that confer intestinal protection in hosts	Liang, Yaquan	1	12:00 PM	2:00 PM	Wednesday 3/25/2026
2	4419135		Synthesis of small-molecule peptidoglycan probes for autophagy and innate immune proteins	Reinholdt, Timothy	2	12:00 PM	2:00 PM	Wednesday 3/25/2026
3	4421464		Automated synthesis of fungal cell surface oligosaccharides	Kashiwagi, Gustavo	3	12:00 PM	2:00 PM	Wednesday 3/25/2026

Introduction to BioF: GREAT – NSF BioFoundries (Session B)
2:00 PM – 5:00 PM | Georgia World Congress Center, room C205
Organized by Lance Wells, Parastoo Azadi, and Kelley Moremen (Georgia / CCRC)
This symposium highlights NSF BioFoundry in Glycoscience Research, Education, and Training (BioF:GREAT) – resources and best practices in glycoscience research and training.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1	4458616		Complementary distribution of glycoconjugates revealed by multi-enzyme MALDI mass spectrometry imaging	Taherzadeh, Mehrn…	1	2:00 PM	2:15 PM	Wednesday 3/25/2026
2	4410261		Enzymatic synthesis of n-glycoprotein standards and spectral library generation for site specific glycopeptide characterization with high resolution mass spectrometry	Seenivasan, Sree Hari	2	2:15 PM	2:30 PM	Wednesday 3/25/2026
3	4418748		From days to hours: A fast One-Flow method for unified N- and O-Glycan release in high-throughput glycomics	Kumar, Bhoj	3	2:30 PM	2:45 PM	Wednesday 3/25/2026
4	4418735		GlyGen: A unified resource for integrative glycoscience data and cross-domain exploration and sharing	Ranzinger, Rene	4	2:45 PM	3:00 PM	Wednesday 3/25/2026
5			Panel Discussion		5	3:00 PM	3:20 PM	Wednesday 3/25/2026
6			Break		6	3:20 PM	3:35 PM	Wednesday 3/25/2026
7	4419846		Characterization of recombinant Arabidopsis rhamnogalacturonan-i rhamnosyltransferases reveals differential activity and critical catalytic residues	Wallace, Ian	7	3:35 PM	3:50 PM	Wednesday 3/25/2026
8	4411173		Modeling glycans with AlphaFold 3: Capabilities, caveats, and limitations	Huang, Chin	8	3:50 PM	4:05 PM	Wednesday 3/25/2026
9	4422063		Decoding the unknown viral glycome: Structure-guided discovery and high-throughput experimentation	Na, Lan	9	4:05 PM	4:20 PM	Wednesday 3/25/2026
10	4399688		Trifluoromethyl carbohydrate footprinting for probing protein binding components of oligosaccharides mixture	Yusuph, Quadrat	10	4:20 PM	4:35 PM	Wednesday 3/25/2026
11			Panel Discussion		11	4:35 PM	5:00 PM	Wednesday 3/25/2026

Thursday, March 26

Microbial Carbohydrates
8:00 AM – 11:25 AM | Georgia World Congress Center, room B314
Organized by Maggie Wear
This symposium examines the roles of carbohydrates in microbial virulence and host–pathogen interactions.

	Control ID	Final ID	Title	Presenting Author	Order	Start Time	End Time	Day/Date
1			Welcome/Introduction		1	8:00 AM	8:05 AM	Thursday 3/26/2026
2	4405257		Chemical Glycobiology of algal carbon sinks	Crawford, Conor	2	8:05 AM	8:35 AM	Thursday 3/26/2026
3	4412206		Mucin carbohydrates drive microbial selection and metabolite diversity	Engevik, Melinda	3	8:35 AM	9:05 AM	Thursday 3/26/2026
4			Coffee Break		4	9:05 AM	9:15 AM	Thursday 3/26/2026
5	4401682		Discovering new mechanisms of immune activation via microbiota polysaccharides	Griffin, Matthew	5	9:15 AM	9:45 AM	Thursday 3/26/2026
6	4403319		Influence of cryptococcal capsular polysaccharides on disease	Wear, Maggie	6	9:45 AM	10:15 AM	Thursday 3/26/2026
7			Coffee Break		7	10:15 AM	10:25 AM	Thursday 3/26/2026
8	4414781		Integrated platform for the isolation and multidimensional structural elucidation of microbial glycoconjugates	Azadi, Parastoo	8	10:25 AM	10:55 AM	Thursday 3/26/2026
9			Poster Lightning Talk		9	10:55 AM	11:05 AM	Thursday 3/26/2026
10			Poster Lightning Talk		10	11:05 AM	11:15 AM	Thursday 3/26/2026
11			Poster Lightning Talk		11	11:15 AM	11:25 AM	Thursday 3/26/2026

From the U.S. Advisory Committee for the International Carbohydrate Symposia (USACICS)

The next International Carbohydrate Symposium (XXXII ICS), chaired by Dr. Milos Hricovini, will be held in Bratislava, Slovakia on July 5-9, 2026, and all information is available at https://www.ics2026.sk/ Please note that the registration is now open, and the discounted rate is available until April 30, 2026.

From the Organizing Committee: "*ICS 2026 will bring together leading scientists, researchers, and students from around the world to share the latest advances in carbohydrate chemistry. With a rich scientific program featuring plenary lectures, invited talks, oral presentations, and poster sessions, the symposium offers an exceptional opportunity to exchange ideas, foster collaborations, and explore new frontiers in glycoscience. Set against the charming backdrop of Bratislava – at the crossroads of Central Europe and nestled along the Danube River – ICS 2026 promises not only scientific excellence but also an inspiring and memorable experience. We warmly invite you to join us in July 2026 and be part of this vibrant celebration of carbohydrate science. We look forward to welcoming you to Slovakia.*"

The subsequent meetings are planned as follows, and further details will become available on the International Carbohydrate Organization (ICO) website: https://ico.chemistry.unimelb.edu.au/

2028 Canada (*Vancouver, July 16-19)*	2030 Italy	2032 Taiwan	
2034 Ireland	2036 Australia	2038 Japan	**2040 USA**

The USACICS supports the Roy L. Whistler International Award in Carbohydrate Chemistry. It is my pleasure to announce that Dr. Todd Lowary of Academia Sinica is the 2026 Roy L. Whistler Awardee. From the Award Citation: *"Prof. Todd Lowary receives this award for his groundbreaking contributions to the development of tools to understand the role of glycans in bacterial disease, in particular those caused by mycobacteria, including tuberculosis. Lowary's many seminal contributions span the whole gamut of carbohydrate chemistry from synthesis to NMR and computational work, and to biology, including the synthesis and functional elucidation of the extraordinarily complex bacterial surface glycans."*

The USACICS also supports the ICO Young Researcher Award, which can be given to a full-time graduate student or researcher who is 35 years old or younger and working within the first 7 years after Ph.D. completion. Our top nomination for the Award has been forwarded to ICO Secretary, and we are waiting to hear about the outcome.

The USACICS looks forward to supporting ICS 2026 and to working with the carbohydrate community and industrial sponsors to ensure continued support of future symposia and awards that we sponsor. Our next Board of Directors meeting will be held in person during the ICS 2026 in Bratislava. The updated Board of Directors list of the USACICS is available below, and you are always welcome to contact any of us with suggestions or comments.

With best wishes,

Alexei V. Demchenko, ACSF
President of the USACICS

U.S. National Representative for the ICO

Membership status for the USACICS (US Advisory Committee for the International Carbohydrate Symposia)				
1. Officers	**Name**	**Email Address**	**Affiliation**	**Term Expiration**
National Representative	Alexei Demchenko	alexei.demchenko@slu.edu	Saint Louis University	10 yr term - End Dec. 31, 2028
Treasurer/Secretary	Peter Andreana	peter.andreana@utoledo.edu	University of Toledo	7 yr term - End Dec. 31, 2029
2. Divisional Representatives				
CARB	Steven J. Sucheck	Steve.Sucheck@utoledo.edu	University of Toledo	7 yr term - End Dec. 31, 2026
CARB	Nicola L. Pohl	npohl@indiana.edu	Indiana University	7 yr term - End Dec. 31, 2026
CARB	Clay Bennett	Clay.Bennett@tufts.edu	Tufts University	7 yr term - End Dec. 31, 2026
CELL	M. Soledad Peresin	soledad.peresin@auburn.edu	Auburn University	7 yr term - End Dec. 31, 2026
CELL	Maren Roman	maren.roman@vt.edu	Virginia Tech University	7 yr term - End Dec. 31, 2028
CELL	Noureddine Abidi	noureddine.abidi@ttu.edu	Texas Tech University	7 yr term - End Dec. 31, 2026
3. Current ACS Division Chairs				
Chair CARB	Xi Chen	xiichen@ucdavis.edu	UC - Davis	2 yr term - End Dec. 31, 2027
Chair CELL	Tatiana Budtova	tatiana.budtova@minesparis.psl.eu	Mines Paris – PSL	2 yr term - End Dec. 31, 2026
4. Past Presidents of ICO				
CARB	Zbigniew Witczak	zbigniew.witczak@wilkes.edu	Wilkes University	Lifetime Voting Member
CELL	James BeMiller	bemiller@purdue.edu	Purdue University	Lifetime Voting Member
CELL	Al French	adfrench@cox.net	USDA	Lifetime Voting Member

UPCOMING MEETINGS

ACS Fall 2026 National Meeting, Chemists Making History. Be Part of It. August 23-27, Chicago, IL

Abstract Submission Deadline March 30
https://www.acs.org/events/fall/presenters/submit-an-abstract.html

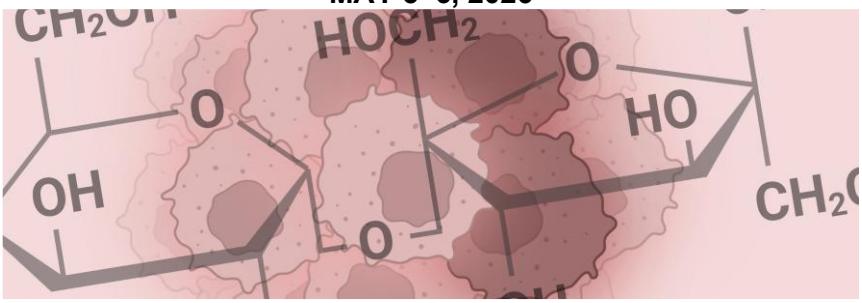
Division of Carbohydrate Chemistry & Chemical Glycobiology: Call for Abstracts, Program Chair Charlie Fehl

Title	Type	Organizers	Cosponsor	Description
150 Years of Biopolymer Chemistry Toward a Sustainable Future	Oral	Lingyun Chen Charlie Fehl Feng Jiang	CARB: Division of Carbohydrate Chemistry	Over 150 years ago, bio-based products chemistry, centered on carbohydrates and proteins, underpinned...
CARB: Graduate and Postdoc Symposium	Oral	Hien Nguyen		Emerging glycoscience scientists, including graduate students and postdoctoral fellows, represent the..
Czech/Slovak—US/Canadian Symposium on Applied & Translational Glycosciences (Invited)	Oral	Alexei Demchenko Michaela Wimmerova	CELL: Division of Cellulose and Renewable Materials BIOL: Division of Biochemistry and Chemical Biology	This Symposium will encompass recent developments in all areas of glycosciences, ranging from synthe...

Stereoselective Glycosylation Methods for Complex-Glycan Synthesis	Oral	Xuefei Huang Hao Xu		Searching for generally effective, stereoselective glycosylation methods for complex-glycan synthesi...
150 Years of Biopolymer Chemistry Toward a Sustainable Future	Poster	Lingyun Chen Charlie Fehl Feng Jiang	CARB: Division of Carbohydrate Chemistry	Over 150 years ago, bio-based products chemistry, centered on carbohydrates and proteins, underpinne...
CARB: Graduate and Postdoc Symposium	Poster	Hien Nguyen		Emerging glycoscience scientists, including graduate students and postdoctoral fellows, represent th... Read more
Czech/Slovak—US/Canadian Symposium on Applied & Translational Glycosciences (Invited)	Poster	Alexei Demchenko Michaela Wimmerova	CELL: Division of Cellulose and Renewable Materials BIOL: Division of Biochemistry and Chemical Biology	This Symposium will encompass recent developments in all areas of glycosciences, ranging from synthe... Read more
Stereoselective Glycosylation Methods for Complex-Glycan Synthesis	Poster	Xuefei Huang Hao Xu		Searching for generally effective, stereoselective glycosylation methods for complex-glycan synthesi...
Transformative Natural Polymers of 21st Century ACS Series Symposia IV	Oral	Lingyun Chen Charlie Fehl Wei Gao Feng Jiang Jun Wang	ENVR: Division of Environmental Chemistry ENFL: Division of Energy and Fuels	This symposium will delve into the latest breakthroughs in natural polymer research, emphasizing AI-...
Transformative Natural Polymers of 21st Century ACS Series Symposia IV	Poster	Lingyun Chen	ENVR: Division of Environmental Chemistry	This symposium will delve into the latest breakthroughs in

		Charlie Fehl	ENFL: Division of Energy and Fuels	natural polymer research, emphasizing AI-...
		Wei Gao		
		Feng Jiang		
		Jun Wang		
CARB General Posters	Poster	Charlie Fehl		General poster session for the CARB Division.

Cancer Glyco-X 2026
INTERSECTIONS OF CANCER & GLYCOSCIENCE
MAY 5–6, 2026



The study of glycosylation offers exciting new opportunities to improve cancer detection and treatment. By bringing together scientists across the cancer and glycoscience fields, *Cancer Glyco-X* aims to serve as a springboard for new collaborations focused on accelerating breakthroughs. The 2026 symposium will highlight the intersection of cancer and glycoscience. Speakers will explore glycobiology, biomarkers, technology development, immunology and more.

Abstract submission is now open. All abstracts will be considered for poster presentation, and a select number will be chosen for short oral talks.

Join us **May 5–6, 2026**, at Van Andel Institute in Grand Rapids, Michigan, for two days focused on the evolving intersections of cancer research and glycoscience. The program will feature:

- Invited presentations from leaders in the field
- Short talks selected from submitted abstracts
- Poster presentations
- Dedicated time for scientific discussion and networking

We encourage submissions from local and regional institutions and welcome trainees, postdoctoral fellows, and faculty at all career stages.

Abstract submission deadline: **March 1, 2026**

For full details and submission guidelines, please visit vai.org/cancer-glyco26

GlycoNet

GlycoNet Integrated Services (GIS) connects researchers internationally with specialized glycoscience expertise and equipment to accelerate cutting-edge research. GIS supports advancements in healthcare, agriculture, environmental sustainability, and more. Reach out to GIS inquire about customized solutions.

The 9th Canadian Glycomics Symposium hosted by GlycoNet is taking place May 12-14, 2026 in Canmore, Alberta. Set in the heart of the Rocky Mountains, this event brings together scientists and industry from across Canada and internationally to share the latest in glycomics and glycoscience, from analytics to translational applications in health and biotech. Early bird registration available until April 12.

CARB Business

Call for Nominations: ACS Fellows
Nominations for the 2026 Class of ACS Fellows are currently open from February 23 to April 23. The CARB Division can nominate two candidates. Please consider nominating a colleague for the ACS Fellows program. Information detailing the program as well as the instructions for nominating candidates can be found at the following address: https://www.acs.org/content/acs/en/funding-and-awards/fellows.html

Although any ACS member can submit nominations, support from the Division will help an individual nomination carry more weight. Therefore, we kindly request that you send your suggestions to the Division Secretary at janetkaj@wustl.edu. Nominations will be collected and shared with the Executive Committee. Please send your nominations by late-March.

For CARB Division- specific nomination details and to see a list of past CARB Division ACS Fellows visit our website: https://acscarb.org/awards/acs-fellow-award/

Advertising
If you are interested in advertising through the Carbohydrate Newsletter, please email janetkaj@wustl.edu for advertising rates.

Changing email
Email addresses are updated monthly through www.acs.org please keep your email address up to date in your ACS profile to continue receiving important division updates.

Carbohydrate Division Membership
Please help keep the Carbohydrate division of the American Chemicals Society strong by encouraging your students and colleagues to join the Carbohydrate division. Recruit a colleague today! Registration information can be found here: http://carb.sites.acs.org/

*Membership is **free** of charge for the first year and $12.50 per year thereafter; $7.00 for students.*

Please plan for the 2026 CARB division elections!

OPEN POSITIONS, STARTING JANUARY 1, 2027:

Please send nominations and self-nominations to Jim Janetka (janetkaj@wustl.edu) for our FALL 2026 Election!

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