

2020 SfG Virtual Meeting Schedule

Mon. Nov 9 (Day 1)

TOKYO TIME	ROME TIME	PACIFIC TIME	EASTERN TIME START	EASTERN TIME END	SESSION
23:30	15:30	6:30	9:30	9:50	Welcome and Introduction - Michael Tiemeyer, <i>CCRC UGA</i>
23:30	15:30	6:30	9:50 – 12:36		Session 1: Glycobiology of Normal and Disordered Development Chair: Kelly Ten-Hagen, <i>NIH/NIDCR</i>
23:50	15:50	6:50	9:50	10:10	KEYNOTE: “POGLUT1 mutations cause myopathy with reduced Notch signaling and α -dystroglycan hypoglycosylation” - Carmen Paradas Lopez, <i>Biomedical Institute Sevilla</i>
0:12	16:12	7:12	10:12	10:24	Poster Talk: “Regulation of Notch signaling by O-glycans in the intestine” – Mohd Nauman, <i>Albert Einstein</i>
0:26	16:26	7:26	10:26	10:38	Poster Talk: “Generation of an unbiased interactome for the tetratricopeptide repeat domain of the O-GlcNAc transferase indicates a role for the enzyme in intellectual disability” – Hannah Stephen, <i>University of Georgia</i>
0:40	16:30	7:30	10:40	10:50	Q&A
10:52	11:12	7:52	10:52	11:12	KEYNOTE: “Aberrations in N-cadherin Processing Drive PMM2-CDG Pathogenesis” - Heather Flanagan-Steet, <i>Greenwood Genetics Center</i>
1:14	11:26	8:14	11:14	11:26	Poster Talk: “Functional analyses of TMTC-type protein O-mannosyltransferases in Drosophila model system” – Melissa Koff, <i>Texas A&M</i>
1:28	11:40	8:28	11:28	11:40	Poster Talk: “Pituitary gland hyper-O-GlcNAcylation drives growth hormone deficiency” – Eugenia Wulff, <i>Medical College of Wisconsin</i>
1:42	17:42	8:42	11:42	12:02	KEYNOTE: “Exploring the mechanisms underlying the NGLY1 loss-of-function phenotypes in Drosophila” - Ashutosh Pandey, <i>Baylor College of Medicine</i>
2:04	18:04	9:04	12:04	12:16	Poster Talk: “How N-glycans shape somatosensory dendrites” – Maisha Rahman, <i>Albert Einstein</i>
2:26	18:26	9:26	12:18	12:28	Q&A
2:36	18:36	9:36	12:28 – 13:00		BREAK
3:00	19:00	10:00	13:00	13:45	KARL MEYER AWARD LECTURE: Kelley Moremen, <i>CCRC UGA</i> Chair: Michael Tiemeyer, <i>CCRC UGA</i>
3:45	19:45	10:45	13:45	15:30	EXHIBITS & POSTER SESSION 1
3:45	19:45	10:45	13:45	15:30	Board of Directors Meeting (Invitation Only)

3:45	19:45	10:45	13:45	15:30	Information Session with Q&A: The Common Fund Glycoscience Program: New Tools & Chemical Methods for Doing Glycoscience! Learn how you can beta-test these new methods & technologies. Informational Session with Q & A.
			15:30 – 16:30		BREAK
6:30	22:30	13:30	16:30 – 19:15		Session 2: Glycoinformatics Chair: Kiyoko Aoki-Kinoshita, Soka University
6:30	22:30	13:30	16:30	17:00	MCP Award Lecture: Cathy Costello, <i>Boston University</i>
7:05	23:05	14:05	17:05	17:25	KEYNOTE: “Implications of biosynthetic limits placed on the glycosylation capacities of cells” – Hiren Joshi, <i>University of Copenhagen</i>
7:27	23:27	14:27	17:27	17:39	Poster Talk: “A computational model linking the organization of the mammalian glycosylation machinery with glycan processing” – Daniel Ungar, <i>University of York</i>
7:41	23:41	14:41	17:41	17:53	Poster Talk: “O-Pair search with MetaMorpheus for O-glycopeptide characterization” – Nicholas Riley, <i>Stanford University</i>
7:55	23:55	15:55	17:55	18:05	Q&A
8:07	0:07	15:07	18:07	18:27	KEYNOTE: “A few glycoinformatics pieces fitting in the glyco-puzzle” – Frederique Lisacek, <i>Swiss Institute of Bioinformatics</i>
8:29	0:29	15:29	18:29	18:41	Poster Talk: “Chemical and informatics tools for glycosciences: Glyco-SPOT and GlycoGlyph” – Akul Mehta, <i>Harvard University</i>
9:43	1:43	16:43	18:43	19:03	KEYNOTE: “Bridging the Gap: Connecting Glycobiology and Glycoinformatics using Semantic Names, Subsumption and Structural Motifs” – Nathan Edwards, <i>Georgetown University</i>
8:05	0:05	15:05	19:05	19:15	Q&A

Tue. Nov 10 (Day 2)

TOKYO TIME	ROME TIME	PACIFIC TIME	EASTERN TIME START	EASTERN TIME END	SESSION
23:30	15:30	6:30	9:30 – 12:02		Session 3: Neuroglycobiology Chair: Ronald Schnaar, Johns Hopkins University
23:30	15:30	6:30	9:30	9:50	KEYNOTE: “Gene therapy targeting CD33 reduces amyloid beta pathology and neuroinflammation in Alzheimer’s disease” – Ana Griciuc, <i>Harvard University</i>
23:52	15:52	6:52	9:52	10:04	Poster Talk: “PTPzeta (phosphacan) carries Siglec-8 ligands in human brain” – Anabel Gonzalez-Gil, <i>Johns Hopkins University</i>
0:06	16:06	7:06	10:06	10:26	KEYNOTE: “New Insights into the Role of CD33 in Alzheimer’s Disease Susceptibility” – Matt Macauley, <i>University of Alberta</i>

0:28	16:28	7:28	10:28	10:40	Poster Talk: "On-tissue microscale glycoproteomics and N-glycan imaging reveal global dysregulation of canine glioma glycoproteomic landscape" – Stacy Malaker, <i>Stanford University</i>
0:42	16:42	7:42	10:42	10:52	Q&A
0:54	16:54	7:54	10:54	11:14	KEYNOTE: "Structure and function of perineuronal nets: Unique extracellular matrix structures in the central nervous system" – Rick Matthews, <i>Upstate Medical University, Syracuse</i>
1:16	17:16	8:16	11:16	11:28	Poster Talk: "Integrative glycomics and proteomics analysis of myelinated & non-myelinated regions from human control, bipolar disorder & Schizophrenia brain tissues" – Manveen Sethi, <i>Boston University</i>
1:30	17:30	8:30	11:30	11:50	KEYNOTE: "Regulation of neural functions by protein glycosylation: Insights from Drosophila model" – Vlad Panin, <i>Texas A&M</i>
1:52	17:52	8:52	11:52	12:02	Q&A
2:02	18:02	9:02	12:02 – 13:00		BREAK
3:00	19:00	10:00	13:00 – 13:40		INNOVATOR AWARD LECTURE: Carolyn Bertozzi, <i>Stanford University</i> Chair: Michael Tiemeyer, CCRC UGA
3:45	19:45	10:45	13:45 – 15:30		EXHIBITS AND POSTER SESSION 2
3:35	19:35	10:35	13:45 – 14:35		GlyGen Demonstration Session: "Computational Resources for Glycoscience"
4:00	20:00	11:00	14:00 – 15:00		Glycobiology Editorial Board Meeting (Invitation Only)
4:40	20:40	11:40	14:40 - 15:30		Glycomics@ExPasy Demonstration Session: "Comparative tools for glycoprotein and lectin structural profiles"
5:30	21:30	12:30	15:30 – 16:30		BREAK
6:30	22:30	13:30	16:30 – 19:00		Session 4: Pathways of synthesis, processing, and signaling Chair: Rebekah Gundry, <i>University of Nebraska</i>
6:30	22:30	13:30	16:30	17:05	KORNFELD AWARD LECTURE: Ajit Varki, <i>UCSD</i>
7:05	23:05	14:05	17:05	17:25	KEYNOTE: "Structure and mechanism of ER-glycosyltransferases involved in protein N-glycosylation" – Kaspar Locher, <i>ETH Zurich</i>
7:27	23:27	14:27	17:27	17:37	Poster Talk: "Novel insights into the fucose metabolism- challenging the old dogma" – Paulina Sosicka, <i>Sanford-Burnham-Prebys Medical Discovery Institute</i>
7:39	23:39	14:39	17:39	17:49	Poster Talk: "Glycoprotein aging with increased mannose exposure linked to cardiovascular disease through the macrophage mannose receptor (Mrc1)" – Damien Restagno, <i>Sanford-Burnham-Prebys Medical Discovery Institute</i>
7:51	23:51	14:51	17:51	18:01	Q&A
8:03	0:03	15:03	18:03	18:23	KEYNOTE: "Target protein O-GlcNAcylation" – Christina Woo, <i>Harvard University</i>
8:25	0:25	15:25	18:25	18:35	Poster Talk: "Glycometabolic regulation of the biogenesis of small extracellular vesicles" – Yoichiro Harada, <i>Osaka International Cancer Institute</i>

8:37	0:37	15:37	18:37	18:57	KEYNOTE: "Cross-talk of glycosylphosphatidylinositol biosynthesis with glycosphingolipid biosynthesis" – Taroh Kinoshita, <i>Osaka University</i>
8:59	0:59	15:59	18:59	19:09	Poster Talk: "Heterozygous De Novo mutations in NUS1 cause a movement disorder with combined lysosomal and glycosylation defects" – Richard Steet, <i>Greenwood Genetic Center</i>
9:11	1:11	16:11	19:11	19:21	Q&A

Wed. Nov 11 (Day 3)

TOKYO TIME	ROME TIME	PACIFIC TIME	EASTERN TIME START	EASTERN TIME END	SESSION
23:30	15:30	6:30	9:30 – 11:55		Session 5: Viral Glycoscience Chair: Galit Alter, <i>Ragon Institute</i>
23:30	15:30	6:30	9:30	9:50	KEYNOTE: "Functional role of the glycan shield in the activation of SARS-CoV2 S glycoprotein" – Elisa Fadda, <i>Maynooth University</i>
23:52	15:52	6:52	9:52	10:04	Poster Talk: "Analysis of the SARS-CoV-2 spike protein glycan shield reveals implications for immune recognition" – Oliver Grant, <i>University of Georgia</i>
0:06	16:06	7:06	10:06	10:18	Poster Talk: "SARS-CoV-2 infection depends on cellular heparan sulfate and ACE2" Thomas Clausen – <i>University of California San Diego</i>
0:20	16:20	7:20	10:20	10:40	KEYNOTE: "Structure and dynamics of the SARS-CoV-2 spike protein and its glycan coat" – Gerhard Hummer, <i>Max Planck</i>
0:42	16:42	7:42	10:42	10:52	Q&A
0:54	16:54	7:54	10:54	11:06	Poster Talk: "Compromised SARS-CoV-2 placental antibody transfer" – Caroline Atyeo, <i>Ragon Institute</i>
1:08	17:08	8:08	11:08	11:20	Poster Talk: "Dendritic cell targeted heparan sulfate alteration reduces inflammation and facilitates pathogen clearance during PR8 influenza A virus infection in vivo" – So Young Kim, <i>University of California San Diego</i>
1:22	17:22	8:22	11:22	11:42	KEYNOTE: "Breaking the Glyco-Code of HIV Persistence and Immunopathogenesis" – Mohamed Abdel-Mohsen, <i>Wistar Institute</i>
1:47	17:47	8:47	11:47	11:55	Poster Talk: "Determination of the function of the A064R protein produced by Paramecium bursaria chlorella virus" – Immacolata Speciale, <i>University of Naples Federico II</i>
1:57	17:57	8:57	11:57	12:07	Q&A
2:07	18:07	9:07	12:07 – 13:00		BREAK
3:00	19:00	10:00	13:00	13:40	ACHIEVEMENT AWARD LECTURE: Salome Pinho, <i>University of Porto</i> Chair: Karen Colley, <i>University of Illinois, Chicago</i>

3:45	19:45	10:45	13:45 – 15:30		EXHIBITS AND POSTER SESSION 3
3:45	19:45	10:45	14:00 – 15:00		WORKSHOP: NIH/NIGMS Information Session for post-docs and early stage investigators, Q&A with Michelle Bond, Program Officer, NIH/NIGMS
5:30	21:30	12:30	15:00 – 16:30		<i>BREAK</i>
6:30	22:30	13:30	16:30 – 19:02		Session 6: Chemical Glycobiology Chair: Jennifer Kohler, UTSW
6:30	22:30	13:30	16:30	16:50	KEYNOTE: “Dissecting O-GalNAc glycosylation by glycosyltransferase bump-and-hole engineering” – Ben Schumann, <i>Crick Institute</i>
6:52	22:52	13:52	16:52	17:04	Poster Talk: “Towards the selective tagging of the sialome of living cells using sydnone-modified neuraminic acids” – Frederic Friscourt, <i>Universite de Bordeaux</i>
7:06	23:06	14:06	17:06	17:26	KEYNOTE: “Chemical editing of proteoglycan architecture” – Mia Huang, <i>Scripps Florida</i>
7:28	23:28	14:28	17:28	17:40	Poster Talk: “Polar functional group-containing glycolipid CD1d ligands modulate cytokine-biasing responses” – Yukari Fujimoto, <i>Keio University</i>
7:42	23:42	14:42	17:42	17:52	Q&A
7:54	23:54	14:54	17:54	18:14	KEYNOTE: “Automated chemo-enzymatic synthesis of complex glycans offers opportunities for flu surveillance” – Geert-Jan Boons, <i>CCRC, UGA</i>
8:16	0:16	15:16	18:16	18:28	Poster Talk: “Occurrence and interactions of zwitterionic modifications of glycans in eukaryotes” – Iain Wilson, <i>Universitat fur Bodenkultur</i>
8:30	0:30	15:30	18:30	18:50	KEYNOTE: “Structural and biochemical insights into the molecular mechanism of polysaccharide O-acetylation” – Breeana Urbanowicz, <i>CCRC, UGA</i>
8:52	0:52	15:52	18:52	19:02	Q&A

Thur. Nov 12 (Day 4)

TOKYO TIME	ROME TIME	PACIFIC TIME	EASTERN TIME START	EASTERN TIME END	SESSION
23:30	15:30	6:30	9:30 – 12:10		Session 7: NCFG Session Chair: Michael Pierce, University of Georgia and Richard Cummings, Harvard University
23:30	15:30	6:30	9:30	9:40	Introduction – Michael Pierce, <i>University of Georgia</i> and Richard Cummings, <i>Harvard University</i>
23:40	15:40	6:40	9:40	10:05	“Glycan recognition by glycan-binding proteins: Insights from microarray analyses” – Richard Cummings, <i>Harvard University</i>

0:10	16:10	7:10	10:10	10:30	"Glycan receptors for mumps virus and other paramyxoviruses" – Takao Hashiguchi, <i>Kyushu University</i>
0:35	16:35	7:35	10:35	10:55	"Making weak antigens strong: exploiting bacterial outer membrane vesicles for discovering glycan-specific antibodies" – Matthew DeLisa, <i>Cornell University</i>
1:00	17:00	8:00	11:00	11:20	"The potential role of glycans as therapeutics targets during intestinal inflammation" – Jennifer Brazil, <i>University of Michigan</i>
1:25	17:25	8:25	11:25	11:45	"A <i>Caenorhabditis elegans</i> N-glycan shotgun array: Isolation, analysis, creation, and informatics support" –John Cipollo, <i>FDA-CBER</i>
1:50	17:50	8:50	11:50	12:10	"New enzymes for cell surface modification: towards universal blood" – Stephen Withers, <i>University of British Columbia</i>
2:10	18:10	9:10	12:10	13:00	BREAK
3:00	19:00	10:00	13:00	14:00	Society Business Meeting - Michael Tiemeyer, CCRC UGA
3:45	19:45	10:45	13:45 – 15:30		EXHIBITS AND POSTER SESSION 4
5:30	21:30	12:30	15:30	16:20	BREAK
6:20	22:20	12:20	16:20 – 16:30		***NEW** POSTER AWARD ANNOUNCEMENTS Chair: Michael Tiemeyer, CCRC UGA
6:30	22:30	13:30	16:30 – 19:07		Session 8: Biomes, Inflammation, and Immunity Chair: Catherine Grimes, University of Delaware
6:30	22:30	13:30	16:30	16:50	KEYNOTE: "Mechanisms of sialoglycan degradation and depletion in vaginal dysbiosis" – Amanda Lewis, <i>UCSD</i>
6:52	22:52	13:52	16:52	17:04	Poster Talk: "Galectin-8 regulates group B streptococcus uterine outgrowth by engaging microbial sialylated mimics of host glycans" – Nourine Kamili, <i>Emory University</i>
7:06	23:06	14:06	17:06	17:26	KEYNOTE: "The microbiota coordinates diurnal rhythms in intestinal innate immunity with the host circadian clock" – John Brooks, <i>UTSW</i>
7:28	23:28	14:28	17:28	17:40	Poster Talk: "Harnessing the diversity of streptococcal sialic-acid-binding adhesins for creating a toolbox of glycan-binding probes to map the host sialome" – Benjamin Cross, <i>University of Buffalo</i>
7:42	23:42	14:42	17:42	17:52	Q&A
7:54	23:54	14:54	17:54	18:14	KEYNOTE: "The multifaceted roles of glycans in thrombopoiesis" – Karin Hoffmeister, <i>MedVersiti Blood Research Institute</i>
8:16	0:16	15:16	18:16	18:28	Poster Talk: "Glycan-mediated immune evasion in breast cancer" -Amy Paschall, <i>University of Georgia</i>
8:30	0:30	15:30	18:30	18:50	KEYNOTE: "Sialic acids in regulation of immune responses" – James Paulson, <i>Scripps, La Jolla</i>
8:52	0:52	15:52	18:52	19:02	Q&A
9:02	3:15	16:15	19:02	19:07	Meeting Dismissal