# SFG 2025 Annual Meeing
# November 10th and 11th Poster Board Assignments
# by Poster Number

| Poster Number | Poster Title | Poster Presenter | Institution Affiliation |
|---|---|---|---|
| B1-001 | Exploring the role of the glycoprotein uromodulin in the urobiome homeostasis with the probiotic Bifidobacterium longum | Elie Al Khoury | Lewis & Clark College |
| B1-001A | Discovery of the Human Polyisoprenol Salvage Pathway | Victor Lopez | Department of Molecular Biology, University of Texas Southwestern Medical Center |
| B1-002 | Human Blood Dendritic Cells are Distinguished by Potent E-selectin Binding Capacity | Evan Ales | Translational Glycobiology Institute, Department of Translational Medicine, Herbert Wertheim College of Medicine, Florida International University |
| B1-002A | Characterization of the Carbohydrate Complexity Along the Gastrointestinal Tract Using Human Derived Organoids of Stomach, Jejunum, and | Jose Pires | Center for Glycocalyx Research, Institute of Cellular and Molecular Medicine, University of Copenhagen |
| B1-003 | Novel artificial lectin fused to Fc as a therapeutic for highly mannosylated cancer | Adeela Ali | Emory |
| B1-003A | Cross-Chiral Recognition between Glycans and Proteins: Insights from Machine Learning, Total Synthesis, and Array Technologies | Ratmir Derda | University of Alberta |
| B1-004 | Investigating the hippocampal glycomic profile of Alzheimer's disease in pre-symptomatic and symptomatic mice | Albert Allotey | University of Wyoming |
| B1-004A | Establishing a curated human lectin collection for systematic glycoprofiling | Yi Liu | Glycogenetics, Inc. |
| B1-005 | Computational modeling and N-glycan site mutagenesis to study the role of glycosylation in the structure and function of tissue-nonspecific | Diana Atanasova | Department of Clinical Chemistry, and Department of Biomedical and Clinical Sciences, Linköping University |
| B1-006 | Mining the Urinary Microbiome: Improved Functional Insights from dbCAN3 Reveal Disease-Associated Enzymatic Activity Targeting Host- | Nathan Boyer | Division of Informatics, Clinical Epidemiology, & Translational Data Science, Oregon Health & Science University |
| B1-007 | B3GNT7 is a Mucin-Modifying Enzyme in the Intestine | Mary Burns | UT Southwestern Medical Center |
| B1-008 | Photo-crosslinkable glycan probes to interrogate and capture glycan-protein interactions | Chantelle Capicciotti | Queen's University |
| B1-009 | CD107a and CD107b E-selectin binding epitopes discovered by intact glycoproteomics | Joann Chongsaritsinsuk | Department of Chemistry, Yale University, New Haven, CT |
| B10-099 | Glycan Labeling with Ferrocene Derivatives via Reductive Amination for Mass Spectrometry | Yu Bae | Changwon National University |
| B1-010 | Structural basis of chondroitin sulfate backbone polymer synthesis | Nil Cortiella | University of Georgia |
| B1-011 | IgG1 Variants with Enhanced Hexamerization Potential Show Differential Structural and Dynamic Properties | Alexander Davis | University of Georgia |
| B1-012 | Deciphering Siglec ligands in cancer to improve immunotherapy | Mathieu Decloquement | Department of Chemistry, University of Alberta |
| B1-013 | Functional roles of glycoRNAs | Ryan Flynn | Boston Children's Hospital |
| B1-014 | Consequences of Inheritable and Cell-Specific Defects of Both Asgr1 and Asgr2 Subunits of the Ashwell-Morell Receptor | Robert Fraumeni | Sanford Burnham Prebys Medical Discovery Institute |
| B1-015 | Requirement of the Tail-Anchored Protein Insertion Pathway for Proper Glycosylation | Morihisa Fujita | Institute for Glyco-core Research (iGCORE), Gifu University |

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| B1-016 | In vitro evidence that in IgA nephropathy galactose-deficient IgA1 drives formation of pathogenic immune complexes with IgG autoantibodies and | Stacy Hall | University of Alabama at Birmingham |
| B1-017 | Profiles and Functions of GlycoRNAs in Acute Myeloid Leukemia and Their Vesicles Reveal Distinct Localization and Novel Mechanisms of | Jing Kai | Bioscience Program, King Abdullah University of Science and Technology |
| B1-018 | Recent advances in biology of modified sialic acids (Sias), sulfated Sia and deaminoneuraminic acid (Kdn) | Ken Kitajima | Institute for Glyco-core Research, Nagoya University |
| B1-019 | Toward a Quantitative Model of N-Glycosylation Based on Gene Expression and Glycomic Data | Weize Kong | IGOCRE, Gifu University |
| B1-020 | Disrupting E-Selectin–CD44 Interactions with Small Molecules to Target AML Stem Cell Adhesion | Yossef Lopez de los Santos | Bioscience Program, Biological and Environmental Sciences and Engineering Division, King Abdullah University of Science and Technology (KAUST) |
| B1-021 | Analysis of Colocalization of IgA, IgG, and Complement C3 in Glomerular Immune-Complex Deposits and Correlation with Kidney Injury in | Lea Novak | University of Alabama at Birmingham |
| B1-022 | Non-canonical EZH2–TRIM28 axis regulates heparan sulfate biosynthesis and drives melanoma metastasis | Neil Patel | Complex Carbohydrate Research Center, University of Georgia |
| B1-023 | ST6Gal1 Mediated α2,6 Sialylation Regulates Glioblastoma Metabolism via Modulating GLUT3 Dynamics | Joelle Saad | Department of Cell, Developmental and Integrative Biology, University of Alabama at Birmingham |
| B1-024 | Inhibition of O-glycosylation abrogates melanogenesis and suppresses the tumor growth and metastasis of melanoma | S Sampathkumar | National Institute of Immunology (NII) |
| B1-025 | The Role of Antibody Isotypes in Defining Anti-Glycan Antibodies Specificity | Lir Shrager-Bentov | The Shmunis School of Biomedicine and Cancer Research, Tel Aviv University |
| B1-026 | Identifying N-Glycan Branching Mediated Regulatory Mechanisms in Neural Stem and Progenitor Cells | Laura Tennis | Department of Anatomy and Neurobiology, University of California Irvine |
| B1-027 | The ‘E’ in BioF:GREAT: Education to Democratize Glycoscience | Megna Tiwari | Department of Biochemistry and Molecular Biology |
| B1-028 | Uncovering functional networks of glycosylation using parallel CRISPR screens | C Tsui | LSU Health Shreveport |
| B1-029 | Heparan sulfate proteoglycans mediate Tau pathology in Alzheimer's disease | Shiwei Wang | Massachusetts Institute of Technology |
| B2-030 | Exo-Enzymatic Glycan Editing Using Reporter-Modified UDP-GlcNAc and UDP-GalNAc Derivatives | Fabiola De Leon Gonzalez | Department of Chemistry, Queen’s University |
| B2-031 | New Tools to Study Protein-Carbohydrate Interactions | Mark Farrell | University of Kansas |
| B2-032 | Development of sialic acid inhibitors to better understand sialyltransferases | Taylor Gray | University of Alberta |
| B2-033 | Single-Cell and Spatial Functional Glycan Profiling with scGOAT-seq and GlycoScope | Carolina Ortiz Cordero | Department of Chemistry, Massachusetts Institute of Technology |
| B2-034 | N- and O-Glycans and peptides profiling with on-slide sequential digestion of 1 mm area of FFPE tissue sections | Chandra Saravanan | Novartis Biomedical Research |
| B2-035 | A Computational Pipeline for Accelerating the Design of Glycomimetics | Robert Woods | University of Georgia |

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| B3-036 | Glycan-Dependent Regulation of Microvillar Architecture and Signaling by CD34 Drives E-selectin Mediated Cell Adhesion | Mansour Aldehaiman | King Abdullah University of Science and Technology |
| B3-037 | Characterization of GM2 synthase - B4GALNT1 | Inka Brockhausen | Queen's University |
| B3-038 | Defining the Glycoprotein Antigen(s) for the Human Contraception Antibody | Sarah Dohadwala | Boston University Aram V. Chobanian & Edward Avedisian School of Medicine |
| B3-039 | Selective Desulfated Heparins Inhibit Angiogenesis and Suppress Laser Induced Choroidal Neovascularization | Juliana Dreyfuss | Department of Ophthalmology and Visual Sciences, Escola Paulista de Medicina, Universidade Federal de São Paulo |
| B3-040 | Do immunoglobulin N-glycans play a role in protecting the endothelial glycocalyx in urosepsis? | Naoki Fujita | Hirosaki University Graduate School of Medicine |
| B3-041 | Compositional and Topological Determinants of a Physiological Ashwell–Morell Receptor Ligand | John Hintze | Sanford Burnham Prebys Medical Discovery Institute |
| B3-042 | A Semantic Framework for Glycoconjugate Vaccine Data Integration: Ontology Development and Data Curation | Shih Hsiung | Department Glycan and Life System Integration Center (GaLSIC), Faculty of Science and Engineering, Soka University |
| B3-043 | Association between SIGLEC16 gene polymorphisms and the risk of neurodegenerative diseases | Jinichi Inokuchi | Osaka University |
| B3-044 | Glycan-related disorders in comprehensive genome analysis research for undiagnosed diseases | Tadashi Kaname | Department of Genome Medicine, National Center for Child Health and Development |
| B3-045 | O-GlcNAcylation regulates the gene expression of melanocortin hormones | Adam Knier | Medical College of Wisconsin |
| B3-046 | Expression of heart development protein with EGF-like domains 1 (HEG1) decorated with low-sulfated keratan sulfate in human malignant pleural | Motohiro Kobayashi | Department of Pathology, Faculty of Medical Sciences, University of Fukui, Eiheiji, Japan |
| B3-047 | Galectin-3 Regulates Müller Glial Cell Proliferation, Migration and Differentiation | Joshua Luis | Institute of Ophthalmology, University College London |
| B3-048 | Blood-Based S2,3PSA% Test on Prostate Cancer Screening: A Novel Approach to Minimize MRI and Avoid Unnecessary Prostate Biopsies | Takuma Narita | Department of Urology, Hirosaki University Graduate school of Medicine |
| B3-049 | Impaired Mucin-Type O-Glycosylation Causes Neuromuscular Defects in a Drosophila Model of SLC35A2-CDG | Shoko Nishihara | Soka University |
| B3-050 | Heparan Sulfate Deficiency in Fibroblasts Creates a Tumor-Permissive Microenvironment and Enhances Tumor Growth | Ayumi Niwa | Department of Tumor Pathology, Gifu University Graduate School of Medicine |
| B3-051 | A spatial transcriptomic approach to determine aging-related changes in pulmonary vascular endothelial glycocalyx expression in mice with | James Odum | Department of Pediatrics, University of Alabama at Birmingham Heersink School of Medicine |
| B3-052 | Glycan Remodeling Under Hypoxia Promotes Cancer Cell Survival Through CD44-Mediated SOD2 Induction | Kazuaki Ohtsubo | Kumamoto University |
| B3-053 | Serum O-glycan Antigenicity in Pediatric Immune Thrombocytopenia Predicts Disease Persistence | Katelyn Rosenbalm | Versiti Blood Research Institute |
| B3-054 | Cytochrome CYP1B1 Contributes to Ocular Pathology in a Japanese Rice Fish Model of SRD5A3-CDG | Christian Thiel | Center for Child and Adolescent Medicine, Department 1, University Hospital Heidelberg |
| B3-055 | Flow cytometry evaluation of potential diagnostic and therapeutic biomarkers for GPI-anchor synthesis disorders in patient-derived fibroblasts | Stephen Thomas | University of Pennsylvania |

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| B3-056 | Differential O-glucose elongation on a specific EGF repeat within the canonical ligand binding domain negatively regulates DLL1-NOTCH1 signaling | Yohei Tsukamoto | Department of Biochemistry, School of Pharmaceutical Sciences, University of Shizuoka |
| B3-057 | Engineered Therapeutic Antibody Targeting Cancer-associated MUC1-Tn/sTn for Control Adenocarcinoma | Jinfeng YE | The Scripps Research Institute |
| B3-058 | Expression of GALNT8 suppress breast cancer cell proliferation by upregulating ERα levels via O-glycosylation of BMP receptor 1A | Jianing Zhang | Dalian University of Technology |
| B4-059A | Determination of the Enzyme Specificities of the Functional M3 Glycan Biosynthetic Pathway Associated with Dystroglycanopathy | Terrell Carter | Complex Carbohydrate Research Center, Department of Biochemistry and Molecular Biology, University of Georgia |
| B5-059 | Glycan Molecule Page: A Laravel-based framework for deciphering the Glycocode | Arun Datta | National University, San Diego |
| B5-060 | Implementation of a Visualization Tool for Parameters Estimated using GlycoSim | Mika Koide | Soka University |
| B5-061 | Archetype Glycans: Implementation of a Novel approach to organizing glycan structures in GlyCosmos and GlyTouCan | Thomas Masding | Soka University |
| B5-062 | Scalable Imaging Management Framework: OMERO Integration in TOHSA for Glycan Image Data Across the HGA Project | Miguel Mazumder | Soka University - Glycan and Life Systems Integration Center (GaLSIC) |
| B5-063 | HPLC elution time prediction of N-glycan structures using machine learning | Kenichi Niiyama | Graduate School of Science and Engineering, Soka University |
| B5-064 | GlyGen: A Cross-Domain Data Integration Platform Empowering Glycoscience Research | Rene Ranzinger | The University of Georgia |
| B5-064A | A Graph-Based AI Workflow for Mining Glycan Biomarkers And Related Annotations from Publications | Cyrus Au Yeung | The George Washington University |
| B5-065 | Analysis of the O-glycoprotease IMPa to Understand its Sequence-dependent Cleavage Capacity | Hiromitsu Shimoyama | The Noguchi Institute |
| B5-065A | Modeling glycans with AlphaFold 3: capabilities, caveats, and limitations | Chin Huang | Department of Biochemistry and Molecular Biology, University of Georgia |
| B5-066 | Make an N-glycan database without running a glycomics experiment | Wilfred Tang | Protein Metrics |
| B5-067 | Annotating Glycan Functions to Build Connectivity Across Datatypes | Michael Tiemeyer | University of Georgia |
| B5-068 | Investigating Golgi organisation through MCMC-ABC computational modelling | Ben West | University of York |
| B5-069 | WURCS-Based Multidimensional Glycan Integration | Issaku Yamada | The Noguchi Institute |
| B5-070 | Unleashing the Third Chain of Life: Transforming Life Sciences Through Comprehensive Glycan Knowledge Integration in HGA Project and TOHSA | Achille Zappa | Soka University - Glycan and Life System Integration Center GaLSIC |
| B6-071 | N-Glycan Recognition and Substrate Specificity of GnT-VI | Thomas Buckley | Complex Carbohydrate Research Center, University of Georgia |
| B6-072 | Syntheses of Heparan Sulfate Oligosaccharides, Mimetics and Proteoglycan Glycopeptides | Xuefei Huang | Michigan State University |

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| B6-072A | Dry Lab Oriented Wet Lab Design to Enable Alginate Mannuronic/Guluronic Acid Ratio Quantification by Mass Spectrometry | Xu Yang | University of Georgia |
| B6-073 | In vitro preparation of matriglycan oligosaccharides by recombinant LARGE | Shuji Mizumoto | Fac. Pharm., Meijo Univ., Japan |
| B6-073A | Unraveling the Molecular Basis of Substrate Selectivity in Pectin O-acetyltransferases | Lubana Shahin | Department of Biochemistry & Molecular Biology, University of Georgia |
| B6-074 | Oxidative Release of Natural Glycans (ORNG): Streamlined Production and Truncated Mono-GlcNAc Derivatives for Glycan Libraries and | Qing Zhang | Department of Biochemistry, Emory University School of Medicine |
| B6-074A | Sugar phosphates anchor surface and moonlighting proteins in minimal genome bacteria | John Sanford | Department of Pediatrics, University of Alabama at Birmingham |
| B6-075A | Homogeneous N-Glycan-based Neoglycoproteins: Novel Standards for Reliable N-Glycosylation Assays | Sylvain Lehoux | Lectenz Bio |
| B7-075 | Cell Wall Glyco-hydrolases – Powerful Enhancers that can Improve the Efficacy of Existing Antibiotics and Anti-TB Drugs A novel strategy to treat drug | Lynn Deng | Analytical Instrumentation Core, Department of Medicine, Boston University School of Medicine |
| B7-076 | Mannosyl-oligosaccharide glucosidase (MOGS) deficiency enhances microbially-mediated innate immune sensing in Drosophila | Ashutosh Pandey | Department of Molecular & Human Genetics, Baylor College of Medicine, Houston, USA |
| B7-076A | Identification of a new Gene Encoding Dolichol-linked Oligosaccharides: Pyrophosphatase in Yeast | Tadashi Suzuki | RIKEN |
| B7-077 | Defining the Role of Human Blood Group Antigens in Cholera Toxin and Heat-Labile Enterotoxin Binding and Intoxication | Jennifer Sanchez | University of Texas Southwestern Medical Center |
| B7-077A | Discovering new mechanisms of host immune activation via microbiota polysaccharides | Matthew Griffin | Departments of Chemistry, Pharmaceutical Sciences, and Molecular Biology & Biochemistry; University of California, Irvine |
| B7-078 | Elevated Pro-Inflammatory IgG Glycosylation and Cytokine Response During Episodic Viremia in People Living With HIV | Jeffrey Schneider | Rush University |
| B7-078A | Carbohydrate-Mediated Macrophage Tolerization to the GM1 Antigen | Leandre Glendenning | Complex Carbohydrate Research Center, University of Georgia |
| B7-079A | Novel Mechanism for Bacterial Resistance to Human Milk and Viruses | Christine Szymanski | University of Georgia |
| B8-079 | Modulation of Notch Signaling by Fringe Protein Regulation Impacts Osteoclastogenesis | Maxwell Boruff | Eastern Washington University |
| B8-080 | Genome-wide CRISPR screens identify novel genetic factors of anticoagulant heparin in mast cells | Mingchang Jin | Complex Carbohydrate Research Center, University of Georgia |
| B8-080A | Protein O-mannosyltransferases 1 and 2 modify DLAR and affect its function in axon development of sensory and circadian pacemaker neurons in | Caden Summers | Department of Biochemistry and Biophysics, Texas A&M University |
| B8-081 | Glypican 3 Regulates Cardiac Myofibroblasts Formation and Fibrosis | Darukeshwara Joladarashi | Temple University |
| B8-081A | Intellectual Disability Causal TPR Domain Variants of O-GlcNAc Transferase Have Reduced Interactions with Components of the | Naomi Hitefield | Department of Biochemistry and Molecular Biology, Complex Carbohydrate Research Center, University of Georgia |
| B8-082 | The Proteoglycan Atlas: towards systems biology for proteoglycans | Marissa Maciej-Hulme | Oslo Metropolitan University |

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| B8-082A | Heparan sulfate sulfation is a key driver of a-synuclein pathology progression | Saumya Digraskar | University of Alabama at Birmingham |
| B8-083 | The activity of broadly neutralizing antibodies (BnAbs) is impacted by altered HIV-1 envelope (Env) N-glycan microdomains | Qing Wei | UAB |
| B8-083A | CRISPR Activation Screens Reveal Syndecan Core Protein-Specific Modulation of Heparan Sulfate Sulfation and Ligand Specificity | Jack Moore | Complex Carbohydrate Research Center, University of Georgia |
| B8-084 | HS6ST1 regulates acute myeloid leukemia chemotherapy resistance | Kelsey Woodruff | Molecular and Cell Biology Program, University of Washington |
| B9-085 | Galectins in fish epidermal mucus bind to both bacteria and mucus glycans, and can hinder bacterial adhesion | Gerardo Vasta | Department of Microbiology and Immunology, University of Maryland School of Medicine, UMB, IMET |
| B9-086 | A New Biological Role of 3-O-Sulfation of Heparan Sulfate in IL-2 Signaling | Javid Aceil | University of California-San Diego School of Medicine |
| B9-087 | The Conserved IgE Oligomannose Glycan Tunes Receptor Preference and Immunogenicity | Sayantan Banerjee | Massachusetts General Hospital |
| B9-088 | Proinflammatory signaling suppresses endothelial ST6Gal1: Interrogating the role of IFN-γ | Grace Carlson | Case Western Reserve University |
| B9-089 | Induction of B cell tolerance to protein antigens by conjugation of CD22 ligands | Shrawan Chavan | Sanford Burnham Prebys |
| B9-090 | Human Antibody Repertoires to O-Glycoprotein Tumor Antigens in Cancer and Viral Infection | Don Clarke | Sanford Burnham Prebys Medical Discovery Institute |
| B9-091 | CASD1 in B cells acetylates sialic acid to disable antibody-mediated protection against intracellular infection | Kubra Gokce Tezel | Cincinnati Children's Hospital Medical Center |
| B9-092 | Assessing Potential Additivity of Proinflammatory Cytokines and Kifunensine on ADCC Potency | Zainab Hakeem | University of Georgia |
| B9-093 | Elevated galabiosylceramide levels in a model of diabetic nephropathy and their contribution to TLR4 activation | Kei Inamori | Division of Glycopathology, Institute of Molecular Biomembrane and Glycobiology, Tohoku Medical and Pharmaceutical University |
| B9-094 | Inflammation induced CASD1 undermines intracellular infection immunity | Aminul Islam | Cincinnati Children's Hospital Medical Center |
| B9-095 | CD22 knockout drives an inflammatory shift in macrophage phenotype | Emily Kukan | Case Western Reserve University |
| B9-096 | In silico and in vitro deep glycosylation scanning of viral proteins | Cristina Martina | Department of Chemistry and Center for Structural Biology, Vanderbilt University |
| B9-097 | Annexin A1 is an N-glycoprotein necessary for efficient activation of human naïve T CD4+ cells. | Ivan Martinez Duncker Ramirez | Centro de Investigación en Dinámica Celular, Universidad Autónoma del Estado de Morelos |
| B9-097A | Role of Sialoglycan-Siglec Axis in Pancreatic Cancer Immune Evasion | Barnita Haldar | University of Alabama at Birmingham |
| B9-098 | Glycosylation Patterns and Immunogenicity of Influenza Vaccines from Different Production Platforms | Peng Zhao | Complex Carbohydrate Research Center, Department of Biochemistry and Molecular Biology, and Department of Chemistry, University |
| B9-098A | Mrc1 (MMR, CD206) Controls the Blood Proteome in Reducing Inflammation, Age-Associated Organ Dysfunction and Mortality in Sepsis | Mayank Saraswat | Sanford Burnham Prebys Medical Discovery Institute |

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| B10-100 | Precise Cell Surface Glycoproteomic Profiling for Novel Diagnostic Biomarker Discovery in a Pancreatic Cancer Cell Model via Selective Exo- | Sydney Bedillion | Complex Carbohydrate Research Center, University of Georgia |
| B10-101 | Rapid Monitoring of Glycosylation During Glycoprotein Production Using the GlycoSense Platform | George Bendzunas | Lectenz Bio |
| B10-102 | Integrated Single-Cell Analysis of Glycome and Transcriptome Profiles in Pancreatic Cancer | Tuan Dinh Xuan | 1Cellular and Molecular Biotechnology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST) |
| B10-103 | Mucin in saliva: A promising non-invasive tool for tobacco-related oral health | Ravneet Grewal | STEMskills Research and Education Lab Pvt Ltd |
| B10-104 | A Novel Spectrometry-Based Technique for Improved Diagnosis of Inherited Glycosylphosphatidylinositol (GPI) Deficiency | Stella Ihim | Institute for Glyco-core Research (iGCORE), Gifu University, Gifu, Japan. |
| B10-105 | Comparative Mass Spectrometric Analysis of O-linked Glycans in Yeast via Metabolic Isotope Labeling | Seonyoung Kang | Changwon National University |
| B10-106 | Improved Analytical Strategies for Insoluble Polysaccharides Using Ionic Liquid Acetylation and Permethylation for GC-MS and NMR Applications | Varughese Mulamoottil | UNIVERSITY of GEORGIA |
| B10-107 | Oligosaccharide storage in Pompe mouse tissues and history of oligosaccharide research | Allen Murray | Glycan Technologies, Inc., University of California, Irvine |
| B10-108 | Detection heparanase-1 activity in human plasma using a novel, quantitative, and highly sensitive LC-MS/MS-based method | Robert Richter | Department of Pediatrics, University of Alabama at Birmingham Heersink School of Medicine |
| B10-109 | High-resolution ultraviolet dissociation of permethylated glycans using 213nm laser | Sonali Sunsunwal | University of Georgia |
| B10-110 | How Heterogeneous Is Your Glycoprotein? A Glycoimmune Protein Case Study. | Tim Veth | Department of Chemistry, University of Washington, Seattle, WA, USA |
| B10-110A | Native Glycan Analysis for the Identification and Relative Quantitation of N-glycans Containing PolyLacNAc Modifications | Lauren Pepi | Beth Israel Deaconess Medical Center/ Harvard Medical School |
| B11-111 | Identification of mammalian sulfotransferases that transfer a sulfate group onto core fucose on N-glycans | Takashi Angata | Institute of Biological Chemistry, Academia Sinica |
| B11-112 | Exploring recognition of host glycans by human microbiome associated bacteria for applications in cancer research | Ana Benavente | UCIBIO – Applied Molecular Biosciences Unit, Department of Chemistry, NOVA School of Science and Technology |
| B11-113 | Lacritin multimerization and Galectin-3 binding is mediated by O-glycosylation | Vincent Chang | Yale University, New Haven, CT |
| B11-114 | Liquid Biotechnology: Community-Facing Liquid Arrays to measure Glycans-Protein recognition in vitro and in vivo | Ratmir Derda | University of Alberta |
| B11-115 | Removal of sialic acid from 4T1 tumor cells leads to alternative tumorigenesis fates in a mouse model of Triple-Negative Breast Cancer | Allie Heller | Rush University Medical Center, Department of Molecular Pathogens and Immunity |
| B11-116 | Mapping the GlycoRNA-Protein Interactome: Insights into Glycan-Modified RNA Binding Partners and Functional Networks | Ioannis Isaioglou | King Abdullah University of Science and Technology |
| B11-117 | Liquid Glycan Array Decodes Density-Dependent Recognition of Paucimannose Glycans by DC-SIGN on Cells | Yun Lee | University of Alberta |
| B11-118 | N-GlyFindTM Reagents: High-Specificity Affinity Tools for Detection and Enrichment of N-Glycosylated Proteins and N-Glycopeptides | Sylvain Lehoux | Lectenz Bio |

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|---|---|---|---|
| B11-119 | Engineering the Glycome to Rewire Cell Fate and Migration: From Cancer Targeting to Stem Cell Therapies | Jasmeen Merzaban | Bioscience Program, King Abdullah University of Science and Technology (KAUST), Biological and Environmental Sciences and Engineering (BESE) |
| B11-120 | Examining the Consequences of Citrullination on the Oligomerization of CXCL8 and the Formation of the CXCL8-Heparan Sulfate Complex. | Jerik Pineda | California State University, Dominguez Hills |
| B11-121 | Sialylated N-Glycan Enrichment in Human Glioblastoma | Shanmathi Ramasubramanian | Regenerative Bioscience Center, University of Georgia |
| B11-122 | Manipulating cell surface fucosylation to investigate cholera toxin interactions in Colo205 cells | Aurora Silva | UT Southwestern Medical Center |
| B11-123 | Binding of Sonic Hedgehog to Glypicans: New Insights into Brain Development | Margot Weber | Institut of Structural Biology |
| B11-124 | Identifying Key Structural Interactions of HIV-1 matrix protein p17 and Heparan Sulfate | Michiro Yamaguchi | Clinical Sciences Program, California State University Dominguez Hills |
| B11-125 | GnT-IVs prefer triantennary β1−6 GlcNAc branched over biantennary glycans, uncovered by sequential in vitro N-glycoprotein enzymatic modifications | Sree Seenivasan | University of Georgia |
| B11-126 | Ficolin-based Lectin Probes to Study Host-Virus Glycan Interactions | Soumi Ghosh | Virginia Polytechnic Institute and State University |
| B11-127 | Siglec-7 and -15 recognize repeated clustered sulfo-sialo O-glycan motifs on select O-glycoproteins | Felix Goerdeler | Copenhagen Center for Glycomics, Department of Cellular and Molecular Medicine, Faculty of Health Sciences, University of Copenhagen |
| B11-128 | Characterizing Binding Affinity, Avidity, and the Influence of Cell Surface N-glycosylation of EGFR, HER2 and HER3 Using Label-Free Surface Plasmon | Jesus Aguilar Diaz de Leon | Biosensing Instrument Inc. |