

# Poster Presentations



**18:00-21:00, November 12**

**Two-minute oral presentations by poster presenters**

**16:30-18:00, November 13**

**Poster session**



**S : Glycoscience**  
**T : Glycotechnology**

S01	<b>Kazuya Kabayama</b>	Structural Characterization of Neutral Glycosphingolipids from 3T3-L1 Adipocytes
S02	<b>Yueh-Hsiang Yu</b>	Vaccination with monoglycosylated hemagglutinin induced cross-strain immunity against influenza virus infections
S03	<b>Yoshiyuki Kuroda</b>	Involvement of the <i>N</i> -linked glycosylation of the B2 bradykinin receptor in the receptor oligomerization and activation.
S04	<b>Yi-Chen Lin</b>	Human nucleolin mediates the attachment of human enterovirus A species
S05	<b>Takahiro Nakane</b>	Identification of glycoproteins with novel LacdiNAc structures synthesized by B3GALNT2
S06	<b>Ikumi Endo</b>	Novel metabolic pathway of C4-methylsterol by b-glycosylation with sterylglucoside synthase in thraustochytrids
S07	<b>Keisuke Mizote</b>	Characterization of LPS/lipid A from <i>Alcaligenes sp.</i>
S08	<b>Eriko Suzuki</b>	Ubiquitous occurrence and function of a heavily glycosylated GPI-anchored peptides in lipid rafts of various animal sperm
S09	<b>Yi-Shi Liu</b>	Identification of factors required for GPI-inositol deacylation
S10	<b>Takeo Tatsuta</b>	Anti-cancer effect induced by cSBL possessing lectin and ribonuclease activities
S11	<b>Shigeki Sugawara</b>	Rhamnose-binding lectin suppresses cell growth in Burkitt's lymphoma cells via up-regulation of p21
S12	<b>Changhun Im</b>	Cytosolic Gb3 facilitates apoptotic cell death induced by anti-cancer drugs
S13	<b>Pei-Yi, Su</b>	Cell Surface Nucleolin Facilitates Enterovirus 71 Binding and Infection
S14	<b>Yung-Kuo Lee</b>	Plasticizer induced tumor migration through regulation of sialyltransferase expression in human colon cancer cells
S15	<b>Yi-qi Huang</b>	The Influence of silkworm on the insulin signal transduction pathway of insulin resistance adipocytes
S16	<b>Dongwei Jia</b>	Up-regulation of C-type lectin-like receptor 2 (CLEC-2) in inherent HSCs and bone marrow-derived HSCs promotes liver fibrosis in mice.
S17	<b>Keita Ishisono</b>	Citrus pectin attenuates septic shock by reducing gene expression of inflammatory cytokines in Peyer's patch cells.
S18	<b>Nishida Hiroshi</b>	The filopodia of the hematopoietic niche transmit the signals, which are essential for the maintenance of HSCs, from the niche to HSCs
S19	<b>Fumi Shishido</b>	The regulation of ER export and Golgi retention of ST3Gal5 and B4GalNAcT1 by arginine/lysine-based motif adjacent to the transmembrane domain
S20	<b>Wakana Matsuyama</b>	The expression of glycosphingolipids in insulin - target organ of High Fat Diet - induced obesity mice
S21	<b>Kaoru Toshima</b>	Sphingomyelin controls developmental checkpoint of immature T cells by modulating TCR stimulation
S22	<b>Mao Nanjo</b>	Role of gangliosides in B cell development
S23	<b>Wataru Nihei</b>	Gangliosides regulate intestinal cholesterol absorption
S24	<b>Hiroyuki Yamamoto</b>	Establishment of mutant Jurkat T-cell lines lacking different glycosphingolipid species
S25	<b>Hideki Ito</b>	Investigation of the role of gangliosides in leptin and melanocortin signaling
S26	<b>Yumi Tamura</b>	Analysis of GM3 synthase-gene knockout cell lines generated from mouse hypothalamic neuronal cells
S27	<b>Guang-hui Xu</b>	Experimental studies of astaxanthin on treating non-alcoholic fatty liver in rats

S28	<b>Qinglei Hang</b>	<i>N</i> -Glycosylation of integrin $\alpha 5$ negatively regulates EGFR function: a novel mechanism for inhibition of cancer cell growth
S29	<b>Sanghun Im</b>	PI4K2 $\alpha$ regulates sialylation on glycoproteins
S30	<b>Yingjiao Xu</b>	ppGalNac-T13 was Required for Stabilizing Mucin-Type <i>O</i> -glycoprotein Podoplanin during P19 Cell Neuronal Differentiation
S31	<b>Zhijue Xu</b>	Whether the tumor suppressor p53 has a novel glycosyl-modification
T01	<b>Nozomu Okino</b>	Crystal structures of unique glycosphingolipid-degrading enzymes
T02	<b>Jae Yun Hwang</b>	Exploring the Human Brain Glycome Using High Resolution Mass Spectrometry
T03	<b>Su Min Kim</b>	Digging into Glycolipids on Cancer Cell Surface using High Resolution Mass Spectrometry
T04	<b>Hyun Joong Kim</b>	Top-down Approach for the Characterization of Glycosylation in Biotherapeutics
T05	<b>Tse-Ming Hong</b>	The development of galectin-1 targeted aptamers for cancer diagnosis and therapy
T06	<b>Akemi Suzuki</b>	LC-MS Library Search for glycosphingolipids
T07	<b>Atsushi Matsuda</b>	Glycan profiling of cell surface mucin from tissue sections
T08	<b>Takashi Sato</b>	Recombinant monomeric <i>Wisteria floribunda</i> agglutinin is effective for detection of the GalNAc-terminated GalNAc $\beta$ 1,4GlcNAc
T09	<b>Qian Wan</b>	Interrupted Pummerer Reaction in Latent-Active Glycosylation: A Novel Type of Glycosyl Donors with Recyclable and Regenerative Leaving Group
T10	<b>Bo Ren</b>	Fe(III) - Catalyzed Regioselective Alkylation of Diols and Polyols
T11	<b>Mettu Ravinder</b>	Synthetic K2 Capsular Glycoconjugates for Possible Vaccine Candidate against Serotype K2 <i>Klebsiella Pneumoniae</i>
T12	<b>Hong-Jay Lo</b>	Chemical Synthesis and Immunological Studies of $\beta$ -(1 $\rightarrow$ 6) poly-N-acetyl-D-glucosamine in Various Chain Lengths and percentage of N-acetylation
T13	<b>Cheng-Kun Lin</b>	Synthesis of 1-C-glycoside linked Lipid II analogues toward bacterial transglycosylase inhibition study
T14	<b>Wen-Yi Yun</b>	Synthetic investigation of naturally occurring antibiotic mannopeptimycins
T15	<b>Lucas Veillon</b>	Identification of GM3 Ganglioside Species in Human Serum Associated With Risk Factors of Metabolic Syndrome
T16	<b>Atsushi Kuno</b>	Beads array in single tip for glycan profiling
T17	<b>Toshihide Shikanai</b>	Construction of Glycoform Database: GlycoRidgeDB
T18	<b>Hari Prasad Dulal</b>	Solubility enhancement of recombinant Dectin-1 and binding analysis with $\beta$ -glucans
T19	<b>Masanori Nagao</b>	Synthesis of well-defined glycopolymers bearing oligosaccharide using post-click chemistry
T20	<b>Miho Sakuragi</b>	Synthesis of GlcA4S, GlcNS, GlcNAc4S and GalNAc3S4S6S derivatives as an inhibitor against dengue virus infection.
T21	<b>Zhichao Pei</b>	Metal-free Organobase-catalyzed Regioselective Benzoylation of Diols and Carbohydrates
T22	<b>Yuchao Lu</b>	A photoinitiated conjugation approach for preparing 3D carbohydrate chips to study protein-carbohydrate interactions
T23	<b>Gengwei Yan</b>	Creation of a neoglycolipid inducing cell type-specific apoptosis