



The 2nd TMPU - Academia Sinica Joint Symposium

March 23, 2023 @TMPU 70th Anniversary Auditorium

Jin-ichi Inokuchi	8:55	Introductory Comments
Todd L Lowary	9:00	Glycan Arrays, Diagnostics and Mycobacteriophages
Jianguo Gu	9:25	Alteration in N-glycans in cancer drug resistance and its significance
Chuan-Fa Chang	9:50	Reduced Sialylation Promotes Cancer Stemness and Metastasis in Colorectal Carcinoma
<i>Break</i>		
Yoshiki Yamaguchi	10:35	Structural glycobiology approach with the aid of computer simulation
Ivan Dzhagalov	11:00	Heparan sulfate is essential for thymus growth
Kazuya Takeda	11:25	Identification of sialylated integrins a receptor for chronic encephalomyelitis virus
<i>Lunch</i>		
Chun-Hung Lin	13:00	Role of gut bacterial glycans in remodeling the host cell membranes
Shinichiro Takahashi	13:25	The Effect of Fucosylation Inhibitor 6-Alkynyl-Fucose on Myeloid Cell Differentiation
Ching-Ching Yu	13:45	Synthesis and Separation of Human Milk Oligosaccharides – the Essential Bioactive Molecules in Breast Milk
Tsutomu Fujimura	14:10	Exploring biomarkers for urothelial carcinoma
Tomonori Kaifu	14:35	Modification of terminal sugar moiety by neuraminidase regulates immune responses
<i>Break</i>		
Shigeki Sugawara	15:15	The effects of catfish egg lectin are affected by Gb3 molecular species
Takeo Tatsuta	15:35	Research on a leczyne as a candidate of novel anticancer drug
Tomoya Isaji	15:55	A novel regulation system for efficient sialylation in N-glycans
Noriyoshi Manabe	16:15	Ion mobility mass spectrometry analysis of pyridylaminated oligosaccharides including isomers
Kei-ichiro Inamori	16:35	Altered expression of glycosphingolipids and its possible significance in ulcerative colitis
Hirota Kanoh	16:55	Regulation of inflammatory cell death (pyroptosis) by GM3 ganglioside
Jin-ichi Inokuchi	17:15	Closing Remarks

