

## Pre-Symposium, Tuesday Oct 26, 2010

6:00 pm	Registration and Welcoming Reception (6:30-8:00 pm), at Activity Center
7:30 pm	ACGG Steering Committee Meeting, at Activity Center

## Day 1, Wednesday Oct 27, 2010

8:30 am	Registration + Morning Coffee
9:00 am	Welcoming and Opening Remarks <b>Ming-Daw Tsai &amp; Kay-Hooi Khoo</b> (IBC, Academia Sinica, Taiwan)
9:10 am	ACGG Address - <b>Hisashi Narimatsu</b> (RCMG, AIST, Japan) "Organization and recent progress of glycoscience research in Japan"
	Chair : Kay-Hooi Khoo
9:50 am	IL1 <b>Fu-Tong Liu</b> (IBMS, Academia Sinica, Taiwan) "Glycan recognition in inflammation and immunity"
10:30 am	Coffee Break
	Chairs : Hisashi Narimatsu (RCMG, AIST, Japan) / Chun-Hung Lin (IBC, Academia Sinica, Taiwan)
10:50 am	IL2 <b>Akira Togayachi</b> (Research Center for Medical Glycoscience, AIST, Japan) "Immunological disfunction analysis of mice lacking polylectosmaine synthase"
11:15 am	IL3 <b>Rajiv D. Kalraiya</b> (ACTREC, Tata Memorial Centre, India) "Cancer cell surface glycosylation and lung specific metastasis"
11:40 am	IL4 <b>Jin-ichi Inokuchi</b> (Tohoku Pharmaceutical University, Japan) "Towards understanding the patho/physiological functions of gangliosides"
12:05 pm	IL5 <b>Alice Yu</b> (GRC, Academia Sinica, Taiwan) "Glycan targeted cancer immunotherapy and use of NKT-stimulatory glycolipids as vaccine adjuvant"
12:30 pm	Lunch Break + Poster Viewing
1:30 pm	Poster Session with Presenting Authors (1:30-3:30 pm)
	Chair : Chuan-Fa Chang (National Cheng Kung University, Taiwan)
3:40 pm	IL6 <b>Eok-Soo Oh</b> (Ewha Womans University, Korea) "Syndecin; cell surface heparan sulfate proteoglycan as a possible diagnostic marker for colon cancer"
4:05 pm	IL7 <b>Nam-On Ku</b> (Yonsei University, Korea) "Cytoskeletal keratin glycosylation protects from epithelial tissue injury"
4:30 pm	Coffee Break
	Chairs : Jae Kyung Sohng (SunMoon University, Korea) / Albert M Wu (Chang Gung University, Taiwan)
4:50 pm	IL8 <b>Kazuaki Ohtsubo</b> (ISIR, Osaka University, Japan) "Prevention of diet-induced diabetes by correction of disordered protein N-glycosylation in pancreatic B cells"
5:15 pm	IL9 <b>Anjali A. Karande</b> (Indian Institute of Science, Bangalore, India) "Role of glycosylation in the function of Glycodelin"
5:40 pm	IL10 <b>Yuan Yuan Ruan</b> (Shanghai Medical College of Fudan University, China)

	"Platelet may be involved in B-CLL progression through CLEC-2/CD74 interaction"
6:05 pm	IL11 <b>Lakshmanan Jagannathan</b> (Anna University, Chennai, India) "Unraveling glycogenome of <i>Mycobacterium tuberculosis</i> "
6:30 pm	Close
7:00 pm	Invited Dinner (Committee Members & Speakers)

## Day 2, Thursday Oct 28, 2010

8:30 am	Morning Coffee + Poster Viewing
9:00 am	ACGG Address - Jin Won Cho (Yonsei University, Korea) "Introduction of glycoscience research in Korea and <i>O</i> -GlcNAc biology"
	Chair : Shih-Hsiung Wu (IBC, Academia Sinica, Taiwan)
9:40 am	IL12 <b>Musti J. Swamy</b> (University of Hyderabad, India) "Purification, macromolecular characterization and carbohydrate-binding properties of two phloem exudate lectins from <i>Cucurbitaceae</i> "
10:05 am	IL13 <b>Kasinadar Veluraja</b> (Manonmaniam Sundaranar University, India) "Exploration of conformational space for glycans of glycoconjugates and protein-glycan complexes through molecular dynamics simulation"
10:30 am	Coffee Break
	Chairs : Jeong-Heon Ko (KRIBB, Korea) / Yu-Ju Chen (IC, Academia Sinica, Taiwan)
10:50 am	IL14 <b>Chung-Hsuan Chen</b> (GRC, Academia Sinica, Taiwan) "Novel mass spectrometry technologies for large polysaccharide detection"
11:15 am	IL15 <b>PengYuan Yang</b> (Fudan University, China) "Structure analysis by mass spectrometric based glycoproteomics"
11:40 am	IL16 <b>Yong Sam Kim</b> (KRIBB, Korea) "Multi-lectin-based biomarker discovery for liver cancer"
12:05 pm	IL17 <b>Injae Shin</b> (Yonsei University, Korea) "Glycan microarrays as a core technology for functional glycomics"
12:30 pm	Close & Free Afternoon for City / Museum Tour

## Day 3, Friday Oct 29, 2010

	ACGG Steering Committee Breakfast Meeting (8-9 am), at Rm 102, IBC
8:30 am	Morning Coffee + Poster Viewing
9:10 am	ACGG Address - <b>Chun-Hung Lin</b> (IBC, Academia Sinica, Taiwan) "Glycoscience Research in Taiwan and ACGG Updates"
	Chair : Ming-Daw Tsai (IBC, Academia Sinica, Taiwan)
9:30 am	Keynote Lecture - <b>Chi-Huey Wong</b> (President, Academia Sinica, Taiwan) "Post-translational glycosylation : Challenges and opportunities"
10:15 am	Photo Session
10:30 am	Coffee Break
	Chairs : Akemi Suzuki (Tokai University, Japan) / Wei-Chieh Cheng (GRC, Academia Sinica, Taiwan)

10:50 am	IL18 <b>Biao Yu</b> (Chinese Academy of Sciences, China) "Glycosylation initiated cationic ring-opening polymerization of tetrahydrofuran to prepare neo-glycopolymers"
11:15 am	IL19 <b>Eun Ji Joo</b> (Seoul National University, Korea) "Anticancer mechanism of acharan sulfate"
11:40 am	IL20 <b>Katsunori Tanaka</b> (Osaka University, Japan) "Visualization of N-Glycan dynamics in living animals: A new strategy from synthetic chemistry & molecular imaging"
12:05 pm	IL21 <b>Hiroshi Tanaka</b> (Tokyo Institute of Technology, Japan) "Synthesis of biologically important oligosaccharides and their applications to chemical biology research"
12:30 pm	Lunch Break + Poster Viewing
	Chairs : Yukishige Ito (RIKEN, Japan) / Chung-Yi Wu (GRC, Academia Sinica, Taiwan)
2:00 pm	IL22 <b>XueBing Li</b> (Chinese Academy of Sciences, China) "Synthesis and bioactivities of chitosan-based carbohydrate cluster polymers"
2:25 pm	IL23 <b>Chun-Cheng Lin</b> (National Tsing-Hua University, Taiwan) "Syntheses of O- and S-Linked oligo-sialic acids"
2:50 pm	IL24 <b>Shang-Cheng Hung</b> (GRC, Academia Sinica, Taiwan) "Synthesis of mycobacterial cell envelope components"
3:20 pm	ACGG Address - <b>Musti J. Swamy</b> (University of Hyderabad, India) "Glycoscience Research in India"
3:40 pm	Coffee Break
	<b>Short Oral Presentations</b> selected from Abstracts submitted for Posters Chairs : Jin Won Cho (Yonsei University, Korea) / Kuo-I Lin (GRC, Academia Sinica, Taiwan)
4:00 pm	P18 <b>Hao-Wei Shih</b> (GRC, Academia Sinica, Taiwan) "Bacterial transglycosylase as a drug target"
4:10 pm	P24 <b>Yasuo Suzuki</b> (Chubu Univeristy, Japan) "Host range mutation of influenza viruses"
4:25 pm	P30 <b>Yong Il Park</b> (The Catholic University of Korea, Korea) "Purification and properties of an endo-polysialidase from <i>Pseudomonas fluorescens</i> JK-0412"
4:40 pm	P32 <b>Kuan-Jung Wu</b> (IBC, Academia Sinica, Taiwan) "Single mutation of D-sialic acid aldolase is sufficient for controlling the substrate specificity"
4:50 pm	P38 <b>Lan-Yi Chang</b> (IBC, Academia Sinica, Taiwan) " <i>In vivo</i> tracking of glycosylation in zebrafish cell line"
5:00 pm	P55 <b>Yan Zhang</b> (Shanghai Jiao Tong University, China) "High-throughput substrate profiling of ppGalNAc-Ts"
5:10 pm	P58 <b>Makoto Hirano</b> (Tokai Univeristy, Japan) "N-Glycosylations on Megalin regulate its ligand-binding capacity in mouse kidney"
5:20 pm	P61 <b>Inn-Ho Tsai</b> (IBC, Academia Sinica, Taiwan) "Structural and functional characterization of the first N-Glycosylated snake venom phospholipase A2"
5:35 pm	P62 <b>Maho Yagi-Utsumi</b> (Nagoya City University, Japan) "NMR analyses of the interaction between amyloid B and GM1 clusters"
5:45 pm	P67 <b>Ken Kitajima</b> (Nagoya Univeristy, Japan)

	"Carbohydrate-mediated cell-cell interactions on membrane microdomains of gastrula stage embryo of medaka fish"
6:00 pm	ACGG Address - <b>Biao Yu</b> (Chinese Academy of Sciences, China) "Glycoscience Research in China and ACGG3, 2011"
6:20 pm	Closing Remarks - Kay-Hooi Khoo, on behalf of Local Organizing Committee
6:30 pm	Close
7:00 pm	Symposium Banquet , at Humanities and Social Science Building, 4F