

The Second Symposium of Japanese Consortium for Glycobiology and Glycotechnology
Integration from functional analyses of sugar chains to systems glycobiology

August 25, 2004

Schönbach Sabo (Tokyo)

Address: 2-7-5 Hirakawa-cho, Chiyoda-ku, Tokyo, 102-0093, Japan

Tel: +81(0)3-3261-8386, FAX: +81(0)3-3261-5449

9:30-9:35	Opening Address <i>Yoshitaka Nagai</i> (President of Japanese Consortium for Glycobiology and Glycotechnology)
9:35-9:50	Life science in Japan: Present and future perspective Tadamitsu Kishimoto (Council for Science and Technology Policy, Cabinet Office)
9:50-10:30	Functional Glycomics: Decoding Information in the Glycome James C. Paulson (Director of the Consortium for Functional Glycomics)
10:30-10:40	<i>Break</i>
10:40-11:10	Chairperson: Haruko Ogawa (Ochanomizu University) New Project <i>A New departure of the Research Center for the Next Generation Glycoscience of the Glycoscience Institute, Ochanomizu University</i> Shunichi Tsuji (Ochanomizu University) <i>Institute of Glycotechnology, Future Science & Technology Joint Research Center, Tokai University</i> Kunihiko Suzuki (Tokai University)
11:10-12:10	Chairperson: Koji Kimata (Aichi Medical University) MEXT Research Project "Glycomics" <i>The Overview of the Research Area</i> Koichi Furukawa (Research Supervisor) <i>Congenital muscular dystrophies due to glycosylation defects</i> Tamao Endo (Tokyo Metropolitan Institute of Genontology) <i>Sulfation Mechanism of chondroitin sulfate</i> Osami Habuchi (Aichi University of Education) <i>Role of gastric gland mucous cell-type mucin in Helicobacter pylori infection</i> Jun Nakayama (Sinshu University)
12:10-13:30	<i>Lunch</i>
13:30-14:30	Chairperson: Toshisuke Kawasaki (Kyoto University) CREST Project <i>The Overview of the Research Area</i> Naoyuki Taniguchi (Research Supervisor) <i>Molecular pathogenesis of type 2 diabetes via insulin signaling in membrane microdomains</i> Jinichi Inokuchi (Hokkaido University) <i>Molecular mechanisms of aberrant expression of sialidase in cancer and diabetes and their regulation for therapeutic</i> Taeko Miyagi (Miyagi Cancer Center) <i>Immunosuppressive mechanism of mucins in tumor-bearing state</i> Hiroshi Nakada (Kyoto Sangyo University)
14:30-15:40	Chairperson: Yoshihumi Jigami (Deputy Director, Research Center for Glycoscience, AIST) Sharing Resources for Glycoscience I <i>Contribution of consortium to sharing resources for glycoscience</i> Hisashi Narimatsu (AIST) <i>A strategy for automated rapid identification of oligosaccharide structures using MSn database</i> Akihiko Kameyama (AIST) <i>GGDB: A Database System for Glycogene</i> Kwon Yeon-Dae (AIST, MKI) <i>Glycoconjugate Date Bank: Integrated database for glycoconjugates</i> Ryo Hashimoto (Hokkaido University) <i>GALAXY: a Web Application that Assists Structural Analyses of N-Glycans</i> Koichi Kato (AIST)
15:40-16:00	<i>Coffee Break</i>
16:00-17:00	Chairperson: Hisashi Narimatsu (AIST) Sharing Resources for Glycoscience II <i>DNA microarray analysis of genes responsible for the expression of carbohydrate epitopes</i> Yasunori Kozutsumi (Kyoto University) <i>Glycoinformatics in Systems Glycobiology</i> Toshisuke Kawasaki (Kyoto University) <i>Production of sialylated oligosaccharides by bacterial coupling</i> Satoshi Koizumi (Kyowa Hakko) <i>Development of KRN 7000, an activating glycosphingolipid ligand for natural killer T cells</i> Shinsuke Nishi (Kirin Brewery, Pharmaceutical Company)
17:00-17:45	Chairperson: Akemi Suzuki (RIKEN) Integration to Systems Glycobiology <i>Metabolism requires transport: discovery of ceramide trafficking machinery</i> Kentaro Hanada (National Institute of Infectious Diseases)

Human diseases Glycomics/Protein Initiative
Naoyuki Taniguchi (Osaka University)
Structural Biology of Protein Glycosylation in Protein 3000 Project
Soichi Wakatsuki (KEK)

17:00-17:50 *Concluding Remark*
Kouichi Furukawa (Organaiser)

18:10-20:00 *Fellowship Banquet at Matsuya Salon*