

A bridge between functional analyses of sugar chains to glycodrugs

D a t e February 27(FRI), 2003 10:00 - 17:00

L o c a t i o n Senri Life Science Center Bld, 5F
(In northern front of Senri-chuo Station, Subway "Midosuji line")

P u r p o s e The systems glycobiology which is aiming to fuse glycobiology with other field begins to draw attention as an important field of post-proteome research. Since sugar chain is a key material for proteins to exhibit and integrate their functions, new field of glycotherapy, a goal of the systems glycobiology, can be developed by using sugar chain. The current state and the future image of glycoscience will be discussed from the viewpoint to establish the glycodrugs.

Coordinators Osaka University Graduate School of Medicine Professor, Naoyuki Taniguchi
RIKEN Supra-Biomolecular System Research Group Director, Akemi Suzuki

Programme

10:00 ~ 10:20	Introduction	Naoyuki Taniguchi
	Special Lecture Chair : Mitsubishi Kagaku Institute of Life Sciences, Director, Yoshitaka Nagai	
10:20 ~ 11:20	Variety of sugar chain structures and their functions: The Basis of glycodrugs	
	Pacific Northwest Res Inst and Univ Washington, Professor, Shinichiro Hakomori	
	Infection and Sugar chains Chair: University of Shizuoka Pharmaceutical Science, Professor, Yasuo Suzuki	
11:20 ~ 11:55	Glycobiology of AIDS virus -Why are thus so many kinds of sugar chains?	
	Toyama Institute of Health, Director, Yoshiyuki Nagai	
11:55 ~ 12:30	Role of sugar chains in herpes virus infection	
	Osaka University Graduate School of Pharmaceutical Science, Associate Prof./ Prof., Yasuko Mori/Koichi Yamanishi	
12:30 ~ 13:40	————— L U N C H —————	
	Immunity and Sugar chains Chair: Kyoto University Graduate School of Pharmaceutical Sciences, Professor, Toshisuke Kawasaki	
13:40 ~ 14:15	Sugar chain modification of IgG and antibody drugs infection and the cancer immunotherapy.	
	Kyowa Hakko Kogyo Co., Ltd. Tokyo Research Laboratories, Head, Mitsuo Sato	
14:15 ~ 14:50	Sugar chain recognizing Toll-like receptors: Development of immunotherapy for infection and cancer	
	Osaka Medical Center for Cancer and Cardiovascular Diseases, Director, Tsukasa Seya	
	Strategy for glycobiology Chair: Kochi Medical School, Professor, Koichi Honke	
14:50 ~ 15:25	Strategy of glycotherapy for hepatitis	
	Takara Bio Inc., Head, Nobuto Koyama	
15:25 ~ 16:00	Strategy of glycotherapy for Fabry's disease -The enzyme supplemental therapy with lysosomal enzyme containing yeast-derived human-type sugar chains -	
	National Institute of Advanced Industrial Science and Technology, Director, Yoshifumi Jigami	
16:00 ~ 16:20	————— B R E A K —————	
	Special Lecture Chair: Noguchi Institute, Adviser, Akira Kobata	
16:20 ~ 17:20	Microbial glycobiology and carbohydrate production	
	The Ohio State University, Professor, Peng George Wang	
17:20 ~ 17:30	Closing remark	Akemi Suzuki

Capacity 300 persons **Official Language** Japanese

Registration Fee Member : 3,000 JPY

[including proceeding] Others : 5,000 JPY
Student : 1,000 JPY

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