

Keio International Symposium on Glycoscience: Innovative Synthesis and Chemical Biology



**Prof.
Nokami
(Tottori)**



**Prof.
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**Prof.
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**Prof.
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**Prof.
Liu
(NTU)**



**Prof.
Matsumaru
(Keio)**



**Prof.
Bennett
(Tufts)**

< Date & Venue >

February 28th (Tue), 2023, 13:00~

Keio University, Yagami Campus Multimedia Room (B2 Floor, 14th Building),

3-14-1 Hiyoshi, Kohoku-ku, Yokohama, Kanagawa 223-8522, Japan)

Admission Free

< Program >

13:00 **Opening Remarks**

Chair Person: **Prof. Takaaki Sato**

13:10 **Prof. Clay S. Bennett (Tufts University, USA)**

From Stereocontrolled Glycosylation to Early-Stage Automation: Adventures in Deoxy Sugar Oligosaccharide Synthesis

14:00 **Prof. Toshiaki Nokami (Tottori University, JAPAN)**

Automated Electrochemical Assembly for Oligosaccharide Synthesis

14:25 **Break**

Chair Person: **Prof. Akihiro Ogura**

14:40 **Prof. Daisuke Takahashi (Keio University, JAPAN)**

Precise Synthesis of Biologically Active Carbohydrates and Their Applications to Chemical Biological Studies

15:05 **Prof. Benjamin M. Swarts (Central Michigan University, USA)**

Chemical Probes for Mycobacterial Glycans: from Tuberculosis Tools to Therapeutic Opportunities

15:55 **Prof. Takanori Matsumaru (Keio University, JAPAN)**

Synthesis and Immunomodulatory Activities of Microbial Glycolipids and Their Analogs through C-type Lectin Receptor Mincle

16:20 **Break**

Chair Person: **Prof. Takuya Kochi**

16:35 **Prof. Teruhiko Matsubara (Keio University, JAPAN)**

Design of Glycan-Mimetic Peptide Ligands for Preventing the Spread of Infectious Diseases

17:00 **Prof. Xuewei Liu (Nanyang Technological University, SINGAPORE)**

Tailor-made Peptidoglycans for Antimicrobial Research

17:50 **Closing Remarks**

< Contact >

The organizing committee of Keio International Symposium on Glycoscience

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