



Osaka, October 13th 2026

Meeting Venue: Nambu-hall,

*Department of Chemistry, Graduate School of Science, The University of Osaka
1-1 Machikaneyama, Toyonaka, Osaka, 560-0043, Japan*

Organizing Committee: Koichi Fukase, Atsushi Shimoyama,
Antonio Molinaro, Alba Silipo

14:00 – 14:05 Opening remarks, Prof. Koichi Fukase, The University of Osaka

The sessions will be chaired by

Dr. Yoshiyuki Manabe, Dr. Yuta Maki and Dr. Atsushi Shimoyama, The University of Osaka

14:05 – 14:20 Dr. Kotaro Hirao, The University of Osaka
NMR-Based Analysis of a Unique Glycan-Water Interaction

14:20 – 14:35 Dr. Xuhao Huang, The University of Osaka
Inflammatory cell death induced by specific sphingomyelin

14:35 – 14:50 Ms. Chio Kobayashi, The University of Osaka
Glycan Hydration Shell Effects on Protein-Protein Interactions

14:50 – 15:20 Prof. Antonio Molinaro, University of Naples Federico II
The Chemical Diversity of Microbial Glycans

15:20 – 15:50 Break

15:50 – 16:05 Dr. Kumpei Yano, The University of Osaka
Chemical Synthesis of Sialylated Tetraantennary N-Glycans

16:05 – 16:20 Dr. Hersa Milawati, The University of Osaka
Chemical Synthesis and Functionalization of Nanobodies for Molecular Recognition

8th NapOsaka Meeting

- 16:20 – 16:35** Dr. Tran Duc Khiem , The University of Osaka
Development of Lipid A-based Vaccine Adjuvant Systems through
Modulation by Amphipathic Compounds.
- 16:35 – 17:05** Prof. Amit Basu, Brown University
CH- π interactions of pyranosides – chemical shift perturbations induced by
arenes
- 17:05 –** Closing, Prof. Yasuhiro Kajihara, The University of Osaka