

Program

MONDAY, 25th September, 2023	
Hiroo Inokuchi Hall, Toyota Physical and Chemical Research Institute (TPCRI) 41-1 Yokomichi, Nagakute City, Aichi 480-1192	
12:00~	Registration
13:05-13:10	Announcement about the meeting schedule
13:15-13:20	Opening Remark: Prof. Toshiyuki Itoh (TPCRI)
13:20 14:00	Chair: Wataru Mizunashi (Director General, Bioeconomy Unit, Technology Strategy, NEDO) IL1: Prof. Kohsuke Honda (Osaka University, Japan) Design and Implementation of In Vitro Synthetic Pathway with Thermophilic Enzymes
14:05 15:05	Chair: Prof. Tadashi Ema (Okayama University) PL1: Prof. Uwe Bornscheuer (University of Greifswald, Germany) Enzyme discovery & engineering to create suitable biocatalysts
15:05-15:35	Coffee break
15:35 16:25	Chair: Prof. Yumiko Takagi (Kagawa University) PL2: Prof. Masato Ikeda (Gifu University, Japan) Modular and hybrid molecular design to construct supramolecular materials
16:30 17:10	Chair: Dr. Masakazu Sugiyama (Ajinomoto Ltd) IL2: Prof. Shosuke Yoshida (Nara Institute of Science and Technology, Japan) Bacterial poly(ethylene terephthalate) metabolism and its application for poly(hydroxyalkanoate) production
17:15-18:30	Moving to the banquet place by our charter bus
18:30-20:30	Banquet (Restaurant Kiln , Noritake Garden, Nagoya City)
TUESDAY, 26th September, 2023	
Toyota Commemorative Museum of Industry and Technology 4-135 Noritake-shin machi, Nishi-ku, Nagoya 451-0051	
9:00 9:40	Chair: Prof. Mikio Fujii (International University of Health and Welfare) IL3: Prof. Seiji Negoro (University of Hyogo, Japan) Structural and functional analysis of nylon hydrolase and enzymatic approach for recycling of nylons
9:50 10:30	Chair: Prof. Tomoko Matsuda (Tokyo Institute of Technology) IL4: Dr. Josh K Michener (Oak Ridge National Laboratory, USA) Biocatalyst discovery for sustainable chemical production and recycling
10:40 11:40	Chair: Prof. Takeshi Sugai (Keio University) PL3: Prof. Michael Müller (University of Freiburg, Germany) Green versus Sustainable Chemistry: some insights from biocatalytic and (retro)biosynthetic analyses
11:40-12:50	Lunch
12:50 13:40	Chair: Prof. Hideo Kojima (Osaka Metropolitan University) PL4: Prof. Shuji Akai (Osaka University, Japan) Advanced Lipase-catalyzed Dynamic Kinetic Resolution
13:40-13:50	Closing Remark: Prof. Hiroshi Kanzaki (Okayama University)
13:50 14:00~	Commemorative photograph Museum tour