

Universitas Brawijaya-Osaka University Joint Symposium - Development of Green Technology for a Sustainable Society -

14:30-17:30 (Japan time)-12:30-15:30 (Malang time) of June 16, 2021

Schedule

14:30 Opening remarks

Prof FUJIYAMA Kazuhito (OU)

Prof. Imam Santoso (UB, Faculty of Agricultural Technology-FTP)

(Chair Dr. Mochamad Nur Cholis)

14:40 Dr. Tunjung Mahatmanto (UB, FTP)

Industrial Biomass Utilization: from biomolecules to nanomaterials

15:00 Dr KAJIURA Hiroyuki (OU, ICBiotech)

Elucidation of biosynthesis and accumulation mechanisms of plant-derived ultrahigh molecular weight biopolymers

15:20 Dr SATO Yu (OU, ICBiotech)

Metabolic engineering of *Lactobacillus plantarum* for D-lactic acid production from lignocellulosic materials (tentative)

16:00 Ms. Eirene Charista Dea (UB, FTP)

Kombucha: fermented drink with therapeutic applications)

16:15-16:25 BREAK

(Chair Dr SATO Yu)

16:25 Dr. Mochamad Nur Cholis (UB, FTP)

Exploration of thermotolerant yeast for bioethanol production

16:45 Mr. Jonathan EKAPUTRA (OU, ICBiotech)

Cysteine production through an in vitro synthetic pathway consisting of thermophilic enzymes (tentative)

17:00 Ms. MAEDA Sayaka (OU, ICBiotech)

Whole genome analysis and the elucidation of its lipid production mechanism in oleaginous yeast

17:15 Mr. Yoga Aji Handoko (UB, FTP)

The molecular and functional characterization of bacteriophages as a basic to the application for plant pathogens control

17:30 Closing remarks

Dr. Widya Dwi Rukmi (UB, FTP)

Prof. HONDA Kohsuke (OU)

Organized by Universitas Brawijaya, Osaka University



Cooperated by Institute for Open and Transdisciplinary Research Initiatives (OTRI), Osaka Univ.
Center for Future Innovation (CFI), Graduate School of Engineering, Osaka Univ.