



Mongolia-Japan Joint Mini Symposium on Biotechnology



National University of Mongolia, Mongolian Academy of Sciences
& Osaka University

Date: January 23, 2023 (ONLINE)

Time: 13:00~16:30 (ULAT), 14:00~17:30 (JST)

Program

Opening Remarks

Prof. Batjargal Batdorj (Vice Dean, School of Arts and Sciences, NUM)

Prof. Kazuhito Fujiyama (Director of ICBiotech, OU)

Presentation

13:10-13:40 (JST 14:10-14:40)

Chairperson: Dr. Enkh-Amgalan Jigjiddorj (MAS)

1. Prof. Kohsuke Honda (ICBiotech, OU)

Construction of enzyme cascade for bio-based chemical manufacturing

13:40-14:00 (JST 14:40-15:00)

2. Dr. Suvdmaa Tuvaanjav (NUM)

Isolation biological activities polysaccharides and secondary metabolites from some Mongolian medicinal plants

14:00-14:20 (JST 15:00-15:20)

3. Dr. Jutapat Romsuk (OU)

High-yield production of bioactive triterpenoids in heterologous hosts through protein engineering of plant-derived cytochrome P450 monooxygenase CYP716A subfamily enzyme

14:20-14:40 (JST 15:20-15:40)

4. Dr. Oyundelger Ganzorig (NUM)

Isolation and characterization of antibacterial peptide produced from Mongol airag

14:40-14:50 (JST 15:40-15:50) Short Break

14:50-15:20 (JST 15:50-16:20)

Chairperson: Assist. Prof. Hiroyuki Kajiura (OU)

5. Dr. Adiyadolgor Turbat (MAS)

Some biological activities of fungal endophytes

15:20-15:40 (JST 16:20-16:40)

6. Ms. Nomin Myagmar (OU)

Total glycan analysis of *Drosophila melanogaster* S2 cells for glycoengineering

15:40-16:00 (JST 16:40-17:00)

7. Dr. Lkhagvasuren Damdindorj (NUM)

CRISPR-CAS system-assisted knock-in of the S antigen region in hepatitis B virus-expressing HepG2 cells

16:00-16:20 (JST 17:00-17:20)

8. Mr. Kai Harayama (OU)

The influence of sialic acid on the HBV life cycle

Closing Remarks

Prof. Yu-ichi Komizo (East Asian Regional Director, Center for Global Initiatives, OU)

REGISTRATION

<https://us06web.zoom.us/join/register/tZwu6uqDopEtN89vsMKbI3WA3RkyQE3Pk9>

Zoom link will be sent to your email once you register.

