The 1st MU-OU Joint Symposium
Innovative Biotechnology: The Leading Edge for Sustainability
6 September 2019
Room K102, Faculty of Science, Mahidol University, Thailand

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<td>9.00-9.30</td>
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<td>9.30-9.40</td>
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| 9.40-10.05 | Overview of biotechnological research at Osaka University
Prof. Kazuhito Fujiyama (Osaka University) |
| 10.05-10.30| **Session I: Microbial and Enzyme Biotechnology**
“Yeast: an excellent biotechnological tool for green energy and environment”
Assoc. Prof. Choowong Auesukaree (Mahidol University) |
| 10.30-10.45| **Break**                                  |
| 10.45-11.10| “BTEX-degrading Microbacterium esteraromaticum SBS1-7: its discovery and potential application”
Asst. Prof. Thunyarat Pongtharangkul (Mahidol University) |
| 11.10-11.35| “Thinking outside the cell: in vitro reconstitution of artificial metabolic pathway”
Assoc. Prof. Kohsuke Honda (Osaka University) |
| 11.35-12.00| “Mechanistic insights on snake venom-neurotransmitter interaction”
Asst. Prof. Puey Ounjai (Mahidol University) |
| 12.00-13.00| **Lunch**                                  |
| 13.00-13.25| **Session II: Plant Biotechnology**
“Production of heterologous protein for human health using plant cells”
Prof. Kazuhito Fujiyama (Osaka University) |
| 13.25-13.50| “Plant allergens, cross-reactivity, and immunotherapy: Asia perspective”
Asst. Prof. Wisuwat Songnuan (Mahidol University) |
| 13.50-14.15| **Session III: Animal Cell Technology**
“Regulation of glycan structure by alteration of gene expression and culture condition”
Assoc. Prof. Ryo Misaki (Osaka University) |
| 14.15-14.30| **Break**                                  |
| 14.30-14.55| “Creation of patient-specific disease models and application of 3D tissue culture as a platform for drug discovery”
Dr. Suparerk Borwornpinyo (Mahidol University) |
| 14.55-15.20| “Cell manufacturing for iPS cells”
Prof. Masahiro Kino-oka (Osaka University) |
| 15.20-15.50| **Discussion for future collaboration**    |
| 15.50-16.00| **Closing address**                        |

For more information and preregistration, please contact Ms. Monludee Phianlertloy at monludee.phi@mahidol.ac.th or 0-2201-5920