

TSB-SBJ-JST ERATO NOMURA PJ Joint Session 2019

at Duangjitt Resort & Spa, Patong, PHUKET, THAILAND

Part I

Date: 11 Nov. 13:30 - 17:00

Venue: Duangthip 210b



“Paradigm Shift from Traditional to Advanced Biotechnology”

13:30-13:45 Dr. Nobuhiko Nomura, Professor (University of Tsukuba, Japan)
“Microbial control Ver.3.0”



13:45-14:15 Dr. Yoshikatsu Murooka, Emeritus professor (Osaka University, Japan)
“Nutrigenomics of traditional japanese fermented foods
as the source of the health and longevity”



14:15-14:45 Dr. Yutaka Yawata, Assistant Professor (University of Tsukuba, Japan)
“Single-cell innate fluorescence signatures of microorganisms”



14:45-15:15 Dr. Douglas Brumley, Lecturer (University of Melbourne, Australia)
“Bacterial navigation in dynamic environments”



15:15-15:45 Coffee Break

15:45-16:15 Dr. Istvan Molnar, Professor (The University of Arizona, USA)
“Combinatorial synthetic microbiology for unnatural natural products (uNPs)”



16:15-16:45 Dr. Sunee Korbsrisater, Professor (Mahidol University, Thailand)
“Applications of bacteriophage in biotechnology”



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Part II

Date: 12 Nov. 9:00 - 12:00

Venue: Duangthip 210b



“New Development of Enzyme Application “

9:00-9:30 Dr. Yuichi Koga, Associate Professor (Osaka University, Japan)

“Novel application of proteins from hyperthermophiles”



9:30-10:00 Dr. Nujarin Jongruja, Assistant Professor
(King Mongkut's University of Technology Thonburi, Thailand)

“Protein engineering, applied microbiology and prospective industrial applications”



10:00-10:30 Mr. Naohiro Tomari, Senior Researcher
(Kyoto Municipal Institute of Industrial Technology and Culture,
Applied Fermentation and Bioanalysis Lab., Japan)

“Measurement of enzymatic activity using ion sensitive field effect transistor (ISFET) and its application”



10:30-11:00 Coffee Break

11:00-11:30 Dr. Shogo Yamamoto, WG leader, Researcher
(Nagase & Co., Ltd, Nagase R&D Center, Japan)

“Unavailable made available in a sustainable way”



11:30-12:00 Panel discussion (Speakers from the session Part I and II)
“Future of microbiology and protein science”

