



JSPS-NRCT Vientiane Symposium on Next-Generation Bioproduction Platform Leveraging Subtropical Microbial Bioresources

13 January 2014, at Settha Palace Hotel, Vientiane

Organized by Biotechnology and Ecology Institute (BEI) and ICBiotech (OU)

Opening remark	10:00-10:05	Director, ICBiotech	Takuya Nihira
Address	10:05-10:15	Director, Biotechnology and Ecology Institute	Sourioudong Sundara
1	10:15-10:45	Isolation and characterization of freshwater microbial opsins from Tonle Sap Lake by PR recombinant method	Choun Kimleng , Kwang-Hwan Jung
2	10:45-11:15	Exploiting natural bioactive compounds produced by actinomycetes	Shigeru Kitani , Yasuhiro Igarashi, Watanalai Panbangred, Takuya Nihira
3	11:15-11:45	Derivative-xylooligosaccharide production from extracted xylan by direct grown culture, <i>Bacillus clausii</i> SPP20	Ketsara Phoemsuk, Patthra Pason, Rattiya Waeonukul, Akihiko Kosugi, Khanok Ratanakhanokchai, Chakrit Tachaapaikoon
	11:45-13:30	Lunch at Settha Palace	
4	13:30-14:00	Characterization of thermotolerant yeast isolated in Thailand and improvement towards cost-effective bioethanol production	Yu Sasano , Thipa Asvarak, Choowong Auesukaree, Kun Wang, Minetaka Sugiyama, Yoshinobu Kaneko, Chuenchit Boonchird, Satoshi Harashima
5	14:00-14:30	Characterization of oleaginous yeasts and lipid production from crude glycerol by the selected strain, <i>Rhodospiridium fluviale</i> DMKU-RK253	Savitree Limtong , Pirapan Poiburee, Wichien Yongmanitchai, Takao Ohashi, Kazuhito Fujiyama
6	14:30-15:00	<i>In vitro</i> metabolic engineering for on-demand bioproduction	Kohsuke Honda
	15:00-15:30	Coffee break	
7	15:30-16:00	Development of integrated hydrolysis process for sugar platform biorefinery on conversion of lignocellulosic biomass to biofuels and chemicals	Surisa Suwannarangsee, Jantima Arntong, Aphisit Poonsrisawat, Navadol Laosiripojana, Lily Eurwilaichitr, Yasuo Igarashi, Verawat Champreda
8	16:00-16:30	Update on current status of Vietnam microbial resources at Vietnam Type Culture Collection	Thao Kim Nu Nguyen , Trinh Thanh Trung, Le Thi Hoang Yen, Dao Thi Luong, Duong Van Hop
9	16:30-16:40	Diversity of Thermotolerant Acetic Acid Bacteria in Lao PDR	Chanhom Loinheuang , Gunjana Theeragool, Kazunobu Matsushita, Toshiharu Yakushi
10	16:40-16:50	Isolation and Characterization of Xylose Utilizing Yeast for Ethanol Fermentation	Chansom Keo-Oudone , Kongsamai Sayavongsa, Soulitar Sonethongkham, Nataly Chandala, Noppon Lertwattanasakul, Napatchanok Yuangsaard, Savitree Limtong, Mamoru Yamada
11	16:50-17:00	Surveying the Invertebrate Pathogenic Fungi Diversity in The Huay Yang Forest Reserve, Vientiane Capital	Toulaphone Keokene , Chanhom Loinheuang, Chansom Keo-Oudone, Manichanh Sayavong
Closing remark	17:00-17:05	Professor, Mahidol U	Watanalai Panbangred
Poster presentation		Multi-cell wall degrading enzyme from <i>Aspergillus aculeatus</i> for viscosity reduction in very high gravity cassava fermentation	Aphisit Poonsrisawat , Sittichoke Wanlapatit, Atchara Paemane, Lily Eurwilaichitr, Kuakoon Piyachomkwan, Verawat Champreda