



JSPS Asian CORE Symposium 2011

on

Bioproduction Platform Leveraging Subtropical Microbial Bioresources

27 October (Thursday) 2011

The Imperial Queen's Park Hotel

From	To			
14:00	14:02	1	Welcome address	Prof. Takuya Nihira (Osaka U)/ Prof. Watanalai Panbangred (Mahidol U)
14:02	14:05	2	Address	NRCT (Tentative)
14:05	14:08	3	Address	Dr. Wataru Takeuchi, Director, (JSPS Bangkok)

Chaired by **Prof. Hisao Ohtake (Osaka U)**

14:08	14:29	4	Detection and characterization of putative novel lactococcal bacteriocins	Dr. Wonnop Visessanguan (BIOTEC) Dr. Amonlaya Tosukhowong (BIOTEC) Prof. Kenji Sonomoto (Kyushu U)
14:29	14:50	5	Drug lead discovery from microorganisms in Thailand	Prof. Watanalai Panbangred (Mahidol U) Prof. Yasuhiro Igarashi (Toyama Pref U) Prof. Takuya Nihira (Osaka U)
14:50	15:11	6	Xylanolytic enzymes of <i>Paenibacillus curdlanolyticus</i> B-6 applicable to biomass degradation and xylooligosaccharides production	Dr. Khanok Ratanakhanokchai (KMUTT) Prof. Kazuo Sakka (Mie U)
15:11	15:32	7	Phytases and polysaccharide hydrolases from microbes and metagenomes	Prof. Vithaya Meevootisom (Mahidol U) Prof. Kozo Asano Assoc. Prof. Teruo Sone (Hokkaido U)
15:32	16:30		Coffee Break	

Chaired by **Assoc. Prof. Takeshi Bamba (Osaka U)**

16:30	16:52	8	Development of host vector system in a oleaginous yeast <i>Rhodospiridium toruloides</i> DMKU3-TK16 and screening of other oleaginous yeasts showing high glycerol assimilation	Prof. Savitree Limtong (Kasetsart U) Prof. Kazuhito Fujiyama (Osaka U) Assist. Prof. Takao Ohashi (Osaka U) Prof. Eiichiro Fukusaki (Osaka U)
16:52	17:14	9	Breeding of superior yeast bioethanol producer with Thai origin displaying multiple stress tolerance	Dr. Chuenchit Boonchird (Mahidol U) Prof. Satoshi Harashima (Osaka U)
17:14	17:36	10	Development of a whole-cell biocatalyst expressing the P450 monooxygenase for synthesis of epoxyhexane	Dr. Thunyarat Pongtharangkul (Mahidol U) Dr. Alisa Vangnai (Chulalongkorn U) Prof. Hisao Ohtake Assoc. Prof. Kosuke Honda (Osaka U)
17:36	17:58	11	Application of biomass-specific thermophilic microbial consortia for saccharification and production of biorefinery products from local agricultural biomass	Dr. Verawat Champreda (BIOTEC) Prof. Yasuo Igarashi (U Tokyo)
17:58	18:00	12	Closing remark/Asian CORE project	Prof. Takuya Nihira (Osaka U)/ Prof.



in the future

Watanalai Panbangred (Mahidol U)

Major Members Involved in the Asian CORE (2009-2013) Project

Team/Unit	Member in Thai	Member in Japan	Member in Other Countries
Coordinator	Prof. Watanalai Panbangred (Mahidol U)	Prof. Takuya Nihira (Osaka U)	Dr. Duong Van Hop (Viet Nam National U Hanoi, Viet Nam) Mr. Hang Chan Tonh (Royal U Phnom Penh, Cambodia) Dr. Souriodong Sundara (STRI, Laos)
Research Area	Member in Thai	Member in Japan	Member in Other Countries
Low Mr bioactive compounds	Prof. Watanalai Panbangred (Mahidol U) Dr. Wonnop Visessanguan (BIOTEC)	Prof. Takuya Nihira (Osaka U) Dr. Yasuhiro Igarashi (Toyama Pref. U) Prof. Kenji Sonomoto (Kyushu U) Prof. Kazumasa Hirata (Osaka U)	Dr. Duong Van Hop (Viet Nam National U Hanoi, Viet Nam) Mr. Sokunthia Tao (Royal U Phnom Penh, Cambodia) Dr. Souriodong Sundara (STRI, Laos)
Industrial enzymes	Prof. Vithaya Meevootisom (Mahidol U) Dr. Khanok Ratanakhanokchai (KMUTT)	Prof. Kozo Asano (Hokkaido U) Prof. Kazuo Sakka (Mie U)	
Yeast strain improvement	Prof. Savitree Limtong (Kasetsart U) Dr. Chuenchit Boonchird (Mahidol U)	Prof. Kazuhito Fujiyama (Osaka U) Assist. Prof. Takao Ohashi (Osaka U) Prof. Eiichiro Fukusaki (Osaka U) Assoc. Prof. Takeshi Bamba Prof. Satoshi Harashima (Osaka U)	
Whole cell catalyst	Dr. Thunyarat Pongtharangkul (Mahidol U) Dr. Alisa Vangnai (Chulalongkorn U) Dr. Verawat Champreda (BIOTEC)	Prof. Hisao Ohtake (Osaka U) Assoc. Prof. Kosuke Honda Prof. Yasuo Igarashi (U Tokyo)	