

The 29th Annual meeting of the Thai Society for Biotechnology and International Conference (TSB 2017)

Wednesday, November 22, 2017

16:00-18:00	Registration (2 nd floor, Swissôtel Le Concorde)
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Thursday, November 23, 2017

08:00-09:00	Registration (2 nd floor, Swissôtel Le Concorde)
09:00-09:20	Welcome speech by Assistant Professor Dr. Vichai Leelavatcharamas, President of TSB Opening remark by Professor Dr. Suchart Siengchin, President of King Mongkut's University of Technology North Bangkok (Le Concorde Ballroom)
09:20-10:00	Plenary Lectures I Professor Dr. Takeharu Nagai (Osaka University, Japan) Topic: Vivid Application of Super-duper Chemiluminescent Proteins: from Bioactivity Imaging to Glowing Plants (Le Concorde Ballroom)
10:00-10:30	Coffee Break
10:30-11:10	Plenary Lecture II Professor Dr. Anchalee Tassanakajon (Chulalongkorn University, Thailand) Topic: From Immunity to Disease Resistance: Bringing Basic Research to Shrimp Farming (Le Concorde Ballroom)

11:10-11:40	Taguchi Prize Announcement and Presentation (Le Concorde Ballroom)					
11:40-12:10	Ajinomoto Award Announcement and Presentation (Le Concorde Ballroom)					
12:10-13:30	Lunch					
13:30-14:00	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Nanobiotechnology and other related areas	Session: Bio-energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	Session: Medical and Pharmaceutical Biotechnology
	Invited speakers					
	Mr. Tatsuya Matsuno (Toray Industries (Thailand) Co., Ltd.)	Associate Professor Dr. Kwanchanok Viravaidya-Pasuwat (Department of Chemical Engineering, KMUTT)	Associate Professor Dr. Chantaraporn Phalakornkul (Department of Chemical Engineering, KMUTNB)	Dr. Pinidphon Prombutara (Omics Sciences and Bioinformatics Center, CU)	Associate Professor Dr. Onruthai Pinyakong (Department of Microbiology, CU)	Assistant Professor Dr. Sornkanok Vimolmangkang (Department of Pharmacognosy and Pharmaceutical Botany, CU)
The demonstration project for a cellulosic sugar production system using bagasse in the Kingdom of Thailand	Development of targeted chitosan core-shell nanoparticles for the treatment of human breast cancer	Improvement of Biogas production by enhancing methanogenic activities	Next Generation Sequencing (NGS)	Microbiome composition and function in bioremediation of petroleum hydrocarbon-contaminated environment	Co-expression of benzylisoquinoline alkaloids (BIA) biosynthetic genes in mechanically wounded lotus leave	

14:00-15:30	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Nanobiotechnology and other related areas/ Food and Agricultural Biotechnology	Session: Bio-energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	Session: Medical and Pharmaceutical Biotechnology
	Oral presentation					
15:00-15.30	Coffee Break					
15.30-16.30	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Food and Agricultural Biotechnology	Session: Bio-energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	
	Oral presentation					
16:30-18:00	Poster Presentation I Sessions: Food and Agricultural Biotechnology Bio-energy and Biomass			The 29 th Annual Meeting of TSB Members		
18:00-21:00	Welcome Reception and Dinner (Le Concorde Ballroom)					

Friday, November 24, 2017

08:00-09:00	Registration (2 nd floor, Swissôtel Le Concorde)					
09:00-10:30	Academic Forum: Next Gen Biotech Business Forum Panelists: Ching-Kuan Lin (Biotechnology and Biochemical Engineering Society of Taiwan, Taiwan), Mr. Nobuo Yagi (Ph.D) (Picaso Naturals Laboratory Co., Ltd., Japan) and Assoc. Prof. Dr. Panvipa Krisdaphong (Specialty Innovation, Ltd.) Moderator: Asst. Prof. Dr. Akkharawit Kanjanaopas (Food Innopolis Thailand, Ministry of Science and Technology) Interpreter for Mr. Nobuo Yagi (Ph.D): Prof. Dr. Vilai Rungsardthong (King Mongkut's University of Technology North Bangkok) (Le Concorde Ballroom)					
10:30-11:00	Coffee Break					
11:00-11:30	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Nanobiotechnology and other related areas	Session: Bio- energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	Session: Medical and Pharmaceutical Biotechnology
	Invited speakers					
	Professor Dr Wen-Chien Lee (Department of Chemical Engineering, National Chung Cheng University, Taiwan)	Dr. Uracha Ruktanonchai (Deputy Executive Director, NANOTEC)	Associate Professor Dr. Attasak Jaree (Dept. of Chemical Engineering, KU)	Dr. Weerawat Runguphan (Biodiversity and Biotechnological Resource Research Unit, BIOTEC)	Associate Professor Dr. Shaily Mahendra (Department of Civil and Environmental Engineering, University of California, Los Angeles, USA)	Dr. Glyn Hobbs (School of Pharmacy and Biomolecular Sciences, Liverpool John Moore's University, UK.)
Genetic engineering of a rumen Escherichia coli to produce optical isomers of lactic acid	Mucoadhesive engineered Bio- nanocarriers for Drug delivery: Fabrication with improved activities	Biogas upgrading via CO ₂ absorption in a microtube	Engineering and Optimization for higher alcohol production in yeast	Vault nanoparticles: A platform technology for industrial and environmental application	Revisiting of actinobacteria as a source of novel antimicrobial compounds	

11:30-11:50	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Nanobiotechnology and other related areas/ Food and Agricultural Biotechnology	Session: Bio- energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	Session: Medical and Pharmaceutical Biotechnology
	Oral presentation					
11:50-13:30	Lunch					
13:30-15:30	BALLROOM	SALON	SHANGHAI	KRISANA	JAMJUREE	RACHAWADEE
	Session: Food and Agricultural Biotechnology	Session: Food and Agricultural Biotechnology	Session: Bio- energy and Biomass	Session: Molecular Biology and Bioinformatics	Session: Environmental Biotechnology	Thai-Japanese Biotechnology Joint Session: Enzyme Engineering for Industries
	Oral presentation					
15:30-16:30	Coffee Break & Poster Presentation II Sessions: Molecular Biology and Bioinformatics Environmental Biotechnology Medical and Pharmaceutical Biotechnology Nanobiotechnology and other related areas					Joint member Meeting
16:30-17:30	Closing Ceremony (Le Concorde Ballroom)					

Saturday, November 25, 2017

All Day	Excursion
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