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| |  |  | | --- | --- | | **Day 1: Wednesday 16th October 2013** | | | 14:00-17:00 | **Registration** - *Reception desk at 1st floor, tower wing* | | 17:00-18:30 | **Poster set-up** - *Poster area, 3rd floor* | |
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| |  |  |  |  | | --- | --- | --- | --- | | **Day 2: Thursday 17th October 2013** | | | | | 08:00-09:00 | **Registration** - *Pre-function area, 3rd floor***/** **Poster set-up** - *Poster area* | | | | 09.00-09.20 | **Welcome & Opening Remarks** - *Grand Ballroom****\****    • Opening address Dr. Penjit Srinophakun, President of the Thai Society for Biotechnology     • Welcome address by President of King Mongkut’s University of Technology North Bangkok     • Opening address by President of Kasetsart University | | | | 09.20-09.55 | |  |  | | --- | --- | | **Keynote Lecture I:** | **Bioeconomy and New Bioproduction Systems*\**** | | *(Grand Ballroom)* | Prof. An-Ping Zeng (Hamburg University of Technology, Germany) | | | | | 09.55-10.30 | |  |  | | --- | --- | | **Keynote Lecture II:** | **The Changing Role of Technology and Engineering in Agro-Industrial Business*\**** | | *(Grand Ballroom)* | Prof. Keshavan Niranjan (University of Reading, United Kingdom) | | | | | 10:30-11:00 | **Coffee Break / Poster & Exhibition Viewing** - *Poster area & Exhibition area* | | | | 11:00-11:35 | |  |  | | --- | --- | | **Keynote Lecture III:** | **High-efficient expression and molecular modification of lipoxygenase and alkaline amylase** | | *(Grand Ballroom)* | Prof. Guocheng Du (Jiangnan University, China) | | | | | 11:35-12:30 | |  | | --- | | **Taguchi Prize Announcement and Presentation*\**** | | **Ajinomoto Award Announcement and Presentation*\**** | | *(Grand Ballroom)* | | | | | 12:30-13:30 | **Lunch Break** - *Grand Panorama, 14th floor*     **Lunch talk by Ajinomoto \*** | | | | 13:45-15:45 | **Ploypailin Room** | **Bussaracum Room** | **Grand Ballroom I** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Joint Symposium I:** Bioproducts and Systems Biotechnology (I) | | **Chair:** Assoc. Prof. Woo-Kul Lee | | **Co-chair:** Assist. Prof. Sasithorn Kongruang | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Professor Glenn M. Young,** *University of California Davis, USA.* | | Injection of Proteins by Bacteria into Mammalian Cells to Manipulate Cellular Activities. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Sasithorn Kongruang,** *King Mongkut's University of Technology North Bangkok,Thailand* | | Statistical strategy for optimization of xanthan gum using response surface methodology. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Theerawut Phusantisampan,** *King Mongkut's University of Technology North Bangkok,Thailand* | | Haplotype analysis of common variants in the RET gene and risk of sporadic hirschsprung disease. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Malinee Sriariyanun,** *King Mongkut's University of Technology North Bangkok,Thailand* | | Ionic liquid-assisted conversion of lignocellulosic biomass into fermentable sugars for biogas production. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Rawiwun Thongthawee,** *King Mongkut's University of Technology North Bangkok,Thailand* | | Optimization of pretreatment process to boost biogas production from water hyacinth. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Sirinapa Pangjanda,** *Mahasarakham University, Thailand.* | | Characterization of bacterial cellulase from soils. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Joint Symposium II:** Jatropha Updates 2013 (I) | | **Chair:** Dr. Shashi Bhushan Tripathi | | **Co-chair:** Dr. Kunn Kangvansaichol | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Dr. Peerasak Srinives,** *Kasetsart University, Thailand.* | | Domesticating Jatropha for High Seed Yield, Woody Biomass and Ornamental Purpose Through Interspecific Hybridization. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Dr. Sujatha Mulpuri,** *Crop Improvement Section, Directorate of Oilseeds Research, India.* | | Advancement in Jatropha Biotechnology. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Thanyarat Phengnuam,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | Anti-oxidant and anti-angiotensin-I-converting enzyme activities of protein hydrolysates obtained from Jatropha curcas seed cake. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Kitsirirat Koonkuer,** *Kasetsart University, Thailand.* | | Improvement of CaO catalysts derived from eggshells using a hydration technique for transesterification of crude Jatropha oil. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 4 (I):** Food Biotechnology and Food Safety | | **Chair:** Dr. Georges Srzednicki | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Dr. Georges Srzednicki,** *University of New South Wales, Australia.* | | Changes to Properties of Major Grain Crops During Storage. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Zhao Jin,** *Jiangnan University, China.* | | Comparative proteomic analysis of metabolic proteins in barley *(Hordeum vulgare*) malts with distinct quality. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Chaowaree Adthalungrong,** *Silpakorn University, Thailand.* | | L-(+)-Lactic acid production from sweet potato by *Lactobacillus casei* TISTR 453. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Krittiya Khuenpet,** *Kasetsart University, Thailand.* | | Effect of the sweeteners on the qualities of vanilla ice cream. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Assist. Prof. Saowakon Wongsasulak,** *King Mongkut's University of Technology North Bangkok,Thailand* | | Bio Based Ultrafine Fibers: Fabrication and Potential Application in Foods. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Proyphon Lertwanawatana,** *University of Reading, UK.* | | Effects of concentration, temperature and time on yields of resistant starch type III from debranched cassava starch | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Naruemol Anuniwat,** *Kasetsart University, Thailand.* | | The effects of frying and drying conditions on the quality and drying kinetics of fried shallots. | | | |  | | | | **Grand Ballroom II** | **Prakaipetch Room** | **Morakot Room** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 7 (I):** Molecular Biology and Bioinformatics | | **Chair:** Dr.Kittipong Rattanaporn Dr. Hemant K. Gautam | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Yilmaz Kaya,** *Universiti Teknologi Malaysia, Malaysia.* | | Transformation of *Nicotiana tabacum*with newly constructed plant transformation vector for herbicide tolerant. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Jeremy R. Shearman,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Fusion transcript causing cytoplasmic male sterility in rubber tree. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Nattaya Pinweha,** *Mahidol University, Thailand.* | | Differential expression of miRNAs in response to anthracnose disease in cassava *(Manihot esculenta Crantz.)*. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Pichahpuk Uthaipaisanwong,** *Kasetsart University, Thailand.* | | Development and characterization of single nucleotide polymorphism markers in *Elaeis guineensis*(Arecaceae). | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Siripat Jansuriyakul,** *King Mongkut’s University of Technology Thonburi (Bang Khun Thian Campus)* | | Thailand. Identification of the zinc cluster regulator involved in lipid utilization of the yeast *Saccharomyces cerevisiae*. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Xin Zhuge,** *Jiangnan University, China.* | | Development of a *Propionibacterium-Escherichia coli* shuttle vector as a useful tool for metabolic engineering of*Propionibacterium jensenii*, an efficient producer of propionic acid. | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Photchanathorn Prombun,** *Mahidol University, Thailand.* | | Simple visual detection of*Macrobrachium rosenbergii* nodavirus based on reverse transcription loop-mediated isothermal amplification and DNA-functionalized gold nanoparticle as a probe. | | | | |  |  |  |  | | --- | --- | --- | --- | | **8.** | |  | | --- | | **Ekkachai Kittiloespaisan,** *Mahidol University, Thailand.* | | Fluorescent detection of loop-mediated isothermal amplification of DNA by xanthene-based chemosensor. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 2 (I):** Biomaterials and Nanobiotechnology | | **Chair:** Prof. Nobuo Sakairi | | **Co-chair:** Dr. Prakit Sukyai | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Wimol Phoudee,** *Silpakorn University. Thailand.* | | Protein-based hydrogel as wound dressings | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Sahlan Muhamad,** *Universitas Indonesia, Kampus UI Depok, Indonesia.* | | Nanoencapsulation of Andrographis paniculata extract by casein micelle as antidiabetic preparation. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Dr. Narin Kaabbuathong Bioplastic-based advance material,** *Hokkaido University, Japan.* | | Facile Synthesis of Chitin and Chitosan Derivatives for Environmental and Biological Application. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Supasit Chooklin,** *Rajamangala University of Technology Srivijaya, Tungyai, Thailand.* | | Potential use of antimicrobial film with crude bacteriocin for food packaging. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Thanyarat Poothawan,** *Khonkhaen University, Thailand.* | | Extraction and characterization of chitin and chitosan from fairy shrimp (*Streptocephalus sirindhornae*Sanoamuang, Murugan, Weekers and Dumont, 2000) | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Benjamas Chanpuek,** *Mahidol University, Thailand.* | | Screening and isolation of polyhydroxyalkanoates (PHAs)-producing bacteria from Thai soils. | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Lalita Ponmanee,** *Kasetsart University, Thailand.* | | Polylactic acid (PLA) derived from fermentative lactic acid and its degradability. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 5 (I):** Industrial Biotechnology and Bioprocess Engineering | | **Chair:** Prof. Rainer Jonas | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Bin Zhen,** *Jiangnan University,* | | China. A method for separation and purification of ε-poly-L-lysine from fermentation broth. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Jinjing Wang,** *Jiangnan University, China.* | | Genetic breeding of lager brewing yeast with low acetaldehyde production and improved flavor. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Huan Zhang,** *Jiangnan University, China.* | | Extractive fermentation by coupling use of surfactant and in situ extractant for enhancing production of Antrodin C from*Antrodia camphorata.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Jun Zhang,** *Jiangnan University, China.* | | Enhanced production of Monacolin K by addition of precursors and surfactants in submerged fermentation of Monascus purpureus 9901. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Bing-Jie Jiang,** *Jiangnan University, China.* | | High Monacolin K production by solid-state fermentation of *Monascus purpureus.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Xiner Li,** *Jiangnan University, China.* | | Strengthening of cell wall enhances stress resistance and fermentation performance in lager yeast. | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Kansuporn Sriyudthsak,** *RIKEN Center for Sustainable Resource Science. Japan.* | | Establishment of a method for prediction of a metabolic pathway using glycolysis pathway of *Lactococcus lactis* as a case study. | | | | |  |  |  |  | | --- | --- | --- | --- | | **8.** | |  | | --- | | **Artit Kongkaew,** *Suranaree University of Technology, Thailand.* | | Pilot scale extractive ethanol fermentation from blackstrap molasses using vacuum fractionation technique. | | | |  | | | | 15:45-18:00 | |  | | --- | | **Coffee Break / Poster & Exhibition Viewing -***Exhibition area and Poster area*   • Poster Session 1: 16:00-17:00 Posters ending in an Odd-number.     • Poster Session 2: 17:00-18:00 Posters ending in an Even-number. | | \* *All poster presenters must be present at your poster at the appointed time.* | | | | | **16:30-17:30 - 25th TSB annual meeting** - *Ploypailin Room Room* | | | | 18:00-22:00 | **Conference Banquet** - *Grand Panorama, 14th floor* | | | |
| ***\** Highlighted programme** |
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| |  |  |  |  | | --- | --- | --- | --- | | **Day 3: Friday 18th October 2013** | | | | | 08:00-09:00 | **Registration** - *Pre-function area, 3rd floor* | | | | 09.00-09.35 | |  |  | | --- | --- | | **Keynote Lecture IV:** | **Hybridization of bisphosphonate with calcium phosphate for the multi-functionalization of porous scaffold for bone substitute *\**** | | *(Grand Ballroom)* | Assoc. Prof. Woo-Kul Lee (Dankook University, South Korea) | | | | | 09.35-10.10 | |  |  | | --- | --- | | **Keynote Lecture V:** | **Products from microalgae *\**** | | *(Grand Ballroom)* | Prof. Yusuf Chisti (Massey University, New Zealand) | | | | | 10:10-10:40 | **Coffee Break / Poster & Exhibition Viewing** - *Poster area & Exhibition area* | | | | 10:40-11:30 | **Ploypailin Room** | **Bussaracum Room** | **Grand Ballroom I** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 8 (I):** Other Related Areas | | **Chair:** Dr. Kobkul Laoteng | | **Co-chair:** Ms. Quiping Wang | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Piyanan Chomnawang,** *Rajamangala University of Technology Isan, Thailand.* | | A method for the protoplast isolation from*Anthurium andraeanum*. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Punsa Tobwor,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Analysis of hydroxy fatty acids in the black tiger shrimp *Penaeus monodon.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Dr. Kobkul Laoteng,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Biotechnological Production of Lipid-based Products by Integrated Approach. | | | |  | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 1 (I):** Bioenergy and Biomass | | **Chair:** Assist. Prof. Pramuk Parakulsuksatid | | **Co-chair:** Prof. Sawitri Chuntranuluck | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Ye Ni,** *Jiangnan University, China.* | | Continuous Butanol Fermentation from Renewable Sugar-Based Feedstocks by *Clostridium saccharobutylicum* DSM 13864. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Prawit Kongjan,** *Prince of Songkla University  (Pattani Campus), Thailand.* | | Bio-butanol production from macro algae and water lettuce | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Muhammad Nur Cahyanto,** *Gadjah Mada University, Indonesia.* | | Presence of Inhibitors to Anaerobic Digestion in Rotten Fruits. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Naruemon Rakchai,** *Prince of Songkla University, Thailand.* | | Screening, isolation and medium optimization of cell-bound lipase producing fungi for biodiesel production. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Assoc. Prof. Klanarong Sriroth,** *Kasetsart University, Thailand.* | | Lignocellulosic Ethanol: The Long and Wide Road in Biotechnology. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Yothaka Puchcha,** *Kasetsart University, Thailand.* | | Optimization of microalgal biomass and lipid production under heterotrophic cultivation. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 5 (II):** Industrial Biotechnology and Bioprocess Engineering | | **Chair:** Assoc. Prof. Wirat Vanichsriratana | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Lei Lei Aung,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | Removal of color from rice bran oil using acid-activated kaolin. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Min-Jie Gao,** *Jiangnan University, China.* | | Two-stage fault diagnosis of *Pichia pastoris* fermentation based on an auto-associative neural network. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Zhi-Yong Zheng,** *Jiangnan University, China.* | | A newly isolated *Escherichia hermannii*able to produce a fucose-containing exopolysaccharide. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Chaniga Chuensangjun,** *Kasetsart University, Thailand.* | | Optimization of PLA synthesis with lipase-catalyzed polymerization using Taguchi method. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Professor Busaba Yongsmith,** *Kasetsart University. Thailand.* | | Improvement of Monascus Yellow Pigment Production by Protoplast Mutation and Intraspecific Protoplast Fusion. | | | |  | | | | 11:30-12:15 | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Joint Symposium I:** Bioproducts and Systems  Biotechnology (II) | | **Chair:** Assist. Prof. Sasithorn Kongruang | | **Co-chair:** Assoc. Prof Woo-Kul Lee | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Siripan Buala,** *Mahasarakham University, Thailand.* | | Isolation of cellulase producing-bacteria from fecal matter of deer. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Patchanee Yasurin,** *Assumption University, Thailand.* | | Characterization for efficient biofuel production of cellulase producing bacteria isolated from Thai natural sources. | | | |  | | | | 10:40-12:15 | **Grand Ballroom II** | **Prakaipetch Room** | **Morakot Room** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 7 (II):** Molecular Biology and Bioinformatics | | **Chair:** Dr. Wanilada Rungrassamee | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Dr. Wanilada Rungrassamee,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Bacterial Population Analysis in Intestines of the Black Tiger Shrimp. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Jyoti Joshi,** *Mahidol University, Thailand.* | | Identification of bacterial agent(s) for acute hepatopancreatic necrosis syndrome, a new emerging shrimp disease. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Thitiporn Thammasorn,** *Mahidol University, Thailand.* | | Therapeutic effect of *Artemia* enriched with Escherichia coli expressing double-stranded RNA in shrimp*Penaeus monodon* | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Khin Nyein Chan,** *King Mongkut’s University of Technology Thonburi, Bangkhutien, Thailand.* | | Multiplex PCR for a rapid screening of*Spodoptera exigua* multicapsid nucleopolyhedrovirus (SeMNPV) defective mutants. | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 2 (II):** Biomaterials and Nanobiotechnology | | **Chair:** Dr. Anyaporn Boonmahitthisud | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Professor Nobuo Sakairi,** *Hokkaido University Japan. Facile synthesis of chitin and chitosan derivatives for environmental and biological application* | | Bioplastic-based Advance Material. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Ittinet Intapan,** *Kasetsart University, Thailand.* | | Physical properties of bacterial cellulose from Tomato juice medium produced by *Gluconacetobacter xylinus.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Paveenuch Kittitheeranun,** *Nanotechnology Center, National Science and Technology Development Agency, Thailand.* | | Polyelectrolyte nanocapsules for sustained loading and release of anti-cancer drug. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Seubsakul Phuegyod,** *Mahidol University, Thailand.* | | Fabrication and characterization of tetracycline-loaded polyhydroxybutyrate (PHB) microspheres incorporated into 3D porous polycaprolactone (PCL) scaffolds and *in vitro* biocompatibility evaluation with human periodontal ligament fibroblasts (hPDLs). | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Naiyasit Yingkamhaeng,** *Kasetsart University, Thailand.* | | Nanocellulose extracted from rambutan peel obtained by uncatalyzed-steam explosion and chemical treatment | | | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 6 :** Medical and Pharmaceutical Biotechnology | | **Chair:** Assoc. Prof. Chuenchit Boonchird | | **Co-chair:** Dr. Suparerk Borwornpinyo | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Pichayada Somboon,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | Examination of antifungal activity of crude extracts from wood-decay fungi *Xylaira*spp. against Saccharomyces cerevisiae and *Candida albicans.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Sirilak Baramee,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | The antifungal activity of cinnamon oil against the yeasts *Saccharomyces cerevisiae* and *Candida albicans.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Dr. Suparerk Borwornpinyo,** *Mahidol University, Thailand.* | | Cell and Gene Therapy for  β-Thalassemia. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Soroush Yourdkhani,** *Islamic Azad University, Garmsar Branch, Iran.* | | Effects of oral administration of levothyroxine on serum concentrations of thyroid hormones in cross-bred Beetal goats. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Voravuth Somsak,** *Western University, Thailand.* | | Antimalarial effect of *Andrographis paniculata* extract on mice infected with*Plasmodium berghei* parasite. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Adisak Romsang,** *Mahidol University, Thailand.* | | Iron-sulfur cluster homeostasis: a global regulatory network is essentialfor stress responses and virulence in*Pseudomonas aeruginosa.* | | | |  | | | | 12:15-13:10 | **Lunch Break** - *Gran Panorama, 14th floor* | | | | 13:10-13:30 | **Ploypailin Room** | **Bussaracum Room** | **Grand Ballroom I** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 5 (III):** Industrial Biotechnology and Bioprocess Engineering | | **Chair:** Assit. Prof. Dr. Vichai Leelavatcharamas | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Siwaporn Wannawilai,** *Kasetsart University, Thailand.* | | Economical xylitol production from sugarcane bagasse hydrolysate using*Candida magnoliae* TISTR 5663. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Gazi Sakir Hossain,** *Jiangnan University, China.* | | One-step biosynthesis of α-ketoglutaric acid from L-glutamic acid by an immobilized whole-cell biocatalyst expressing L-amino acid deaminase from *Proteus mirabilis*. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Dararat Mongkolkarn,** *Kasetsart University, Thailand.* | | Production of fructooligosaccharides using two-step fed-batch fermentation by *Aspergillus niger* TISTR 3570. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Supichar Wattanaprasert,** *Chulalongkorn University, Thailand.* | | Preparation of oligosaccharides from konjac glucomannan solution used as natural coating material for spray drying process. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Sunantha Ketnawa,** *Mae Fah Luang University, Thailand.* | | Three-phase partitioning and application of alkaline proteases derived from fish viscera. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Afsheen Aman,** *University of Karachi, Pakistan.* | | Starch saccharification: Characterization of glucoamylase produced by wild and mutant strains of *Bacillus licheniformis.* | | | |  | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Joint Symposium I:** Bioproducts and Systems Biotechnology (III) | | **Chair:** Assist. Prof. Sasithorn Kongruang | | **Co-chair:** Assoc. Prof. Woo-Kul Lee | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Suvaluk Asavasanti,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | Influence of temperature and electric field strength on plant tissue integrity during ohmic treatment. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Zonmie Khim Aung,** *Mahidol University, Thailand.* | | Cytoprotective effect of a pure compound from *Curcuma comosa* on hydrogen peroxide induced neuronal cell death: Involvement of NRF-2. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Dr. Churdchai Cheowtirakul,** *Assumption University, Thailand.* | | Trend in Bio and Nano-technology for Protecting the Health and Beauty of Aging People. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Suramate Chalermwisutkul,** *Kingmongkut’s University of Technology North Bangkok, Thailand.* | | Customized microwave sensing and heating systems for biodiesel research. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Nittaya Jiamvoraphong,** *Mahidol University, Thailand.* | | Effect of the novel compounds isolated from *Curcuma comosa* in lipopolysaccharide-induced microglial activation. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Jirapa Phetsom,** *Mahasarakham University, Thailand.* | | Implementation of HACCP to pasteurized milk production lines: determination of microbial contamination. | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Treuktongjai Saenghiruna,** *Assumption University, Thailand.* | | A comparison of the individual antibacterial activity of Thai red curry paste’s ingredients in dry and fresh states against *Listeria monocytogenes*10403S using different extraction conditions. | | | | |  |  |  |  | | --- | --- | --- | --- | | **8.** | |  | | --- | | **Thidarat Udchachonand,** *Assumption University, Thailand.* | | Natural antibacterial activity against*Salmonella enterica* Enteritidis of Thai red curry paste in coconut milk based (kang-kati) Model Thai red curry. | | | | |  |  |  |  | | --- | --- | --- | --- | | **9.** | |  | | --- | | **Viyada Kunathigan,** *Assumption University, Thailand.* | | The study of yeasts in aged fruit wine and their potential for improving the quality of fruit wine. | | | |  | | |  | | 13:30-14:40 | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 4 (II):** Food Biotechnology and Food Safety | | **Chair:** Dr. Georges Srzednicki | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Titaporn Tumpanuvatr,** *Kasetsart University, Thailand.* | | Comparison between ohmic and conventional heating for pineapple and longan in sucrose solution. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Pakavit Mathatheeranan,** *Mahidol University, Thailand.* | | Effect of alpha-ketoglutaric acid on higher alcohols formation in model system of soy sauce fermentation. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Suppachot Chaiyo,** *Chiang Mai University, Thailand.* | | Occurrence of *Listeria monocytogenes* in raw meats and meat products in Chiang Mai Province. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Wanida Chareemuy,** *King Mongkut’s University of Technology Thonburi, Thailand.* | | Influence of hydrothermal pre-treatment on dehulling efficiency of soybeans. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Molnapat Songpim,** *Kasetsart University, Thailand.* | | Optimizing acceptability of ready-to-drink prebiotic-fiber garcinia herbal juice. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Raveeporn Jirayucharoensak,** *Kasetsart University, Thailand.* | | The use of silicon dioxide and propylene glycol to improve the characteristics of inulin powder produced by spray drying. | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Professor Keshavan Niranjan,** *University of Reading, UK.* | | Biocomposites for Passive and Active Food Packaging. | | | |  | | | | 14:40-15:45 | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 3 (II):** Environmental and Agricultural Biotechnology | | **Chair:** Prof. Rainer Jonas | | **Co-chair:** Assist. Prof. Nuttakan Nitayapat | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Professor Rainer Jonas,** *Helmholtz Centre for Infection Research, Germany.* | | Aspects of the Future of Agrotechnologies. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Nuchnapa Kotabin,** *Kasetsart University, Kamphaeng Sean campus, Thailand.* | | Effect of γ-polyglutamic acid on growth of rice cultivated in cadmium contaminated environment. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Chui Yao The,** *Universiti Putra Malaysia, Malaysia.* | | *In vitro* rice shoot apices as target explants to investigate the effects of osmoprotectants against salinity stress. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Md. Mahbubur Rahman,** *Universiti Putra Malaysia, Malaysia.* | | Production of transgenic callus lines of rubber (*Hevea brasiliensis* Muell. Arg.) by using established embryogenic callus cultures through *Agrobacterium*- mediated genetic transformation. | | | |  | | | | 13:30-14:00 | **Grand Ballroom II** | **Prakaipetch Room** | **Morakot Room** | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Joint Symposium II:** Jatropha Updates 2013 II | | **Chair:** Dr. Sujatha Mulpuri | | **Co-chair:** Dr. Boosaree Titapiwatanakun | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Dr. Shashi Bhushan Tripathi,** *The Energy and Research Institute, India.* | | Developing Genetic Resources and Tools in Jatropha for Biotech Assisted Improvement. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Dr. Kunn Kangwalsaichol,** *PTT Research and Technology Institute, PTT PLC, Thailand.* | | *Jatropha curcas*: PTT development direction | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Isara Sooksathan,** *Kasetsart University, Thailand.* | | Jatropha cultivation: lessons from pruning and intercropping experiments. | | | |  | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 3 (I):** Environmental and Agricultural Biotechnology | | **Chair:** Prof. Kensuke Furukawa. | | **Co-chair:** Assist. Prof. Nuttakan Nitayapat | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Professor Kensuke Furukawa,** *Beppu University (formely of Kyushu University), Japan.* | | Engineering of Degradative Bacteria for Degradation of Environmental pollutants. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Onruthai Pinyakong,** *Chulalongkorn University, Thailand.* | | Diversity and abundance of bacteria and dioxygenase genes involved in polycyclic aromatic hydrocarbon degradation from Sichang Island. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Sambath Hong,** *King Mongkut’s University of Technology Thonburi, Bangkhunthian, Thailand.* | | Methane emission from floor pit and open anaerobic lagoon of pig manure. | | | |  | |  | | | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 7 (III):** Molecular Biology and Bioinformatics | | **Chair:** Assoc. Prof. Mariena Ketudat-Cairns | | **Co-chair:** Assoc. Prof. Vichien Leelavacharamas | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Dr. Hemant K. Gautam,** *CSIR-Institute of Genomics and Integrative Biology, India.* | | Advances in Microbiome Research: Future analytical approaches to investigate and control of various diseases | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Weina Xu,** *Jiangnan University, China.* | | A DNA microarray for larger brewer's yeast: changes in global gene expression in the process of autolysis. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Kultara Krataithong,** *Silpakorn University, Thailand.* | | Identification of epiphytic yeast on rice leaves population in Thailand based on molecular biological techniques. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Apirat Tangwong-o-thai,** *Silpakorn University, Thailand.* | | Identification of epiphytic yeast from sugarcane leave phyllospheres using PCR and RFLP techniques. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Supaluk Tantong,** *Chulalongkorn University, Thailand.* | | Gene coexpression network analysis raises a number of antimicrobial peptides involved in plant defense. | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Wirulda Pootakham,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Development of a microsatellite-based linkage map for the identification of quantitative trait loci governing vertical growth in oil palm (*Elaeis guineensis*). | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Gumpanat Mahipant,** *Chulalongkorn University, Thailand.* | | Development of genome integration method in isolated gram-positive*Bacillus subtilis.* | | | | |  |  |  |  | | --- | --- | --- | --- | | **8.** | |  | | --- | | **Porranee Keawram,** *Silpakorn University, Thailand.* | | Growth kinetics and t-RNA fingerprints of seven hyperthermophilic bacteria belonging to order thermotogales, isolated from three hot springs in Thailand. | | | | |  |  |  |  | | --- | --- | --- | --- | | **9.** | |  | | --- | | **Yan Huang,** *Jiangnan University, China.* | | Breeding of *Monascus*with high pigment production by complex mutation. | | | |  | | | | 14:00-15:50 | |  | | --- | | http://www.tsb2013.kasetsart.org/images/Template/Spacer.png | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | **Session 8 (II):** Other Related Areas | | **Chair:** Dr. Kobkul Laoteng | | **Co-chair:** Ms. Quiping Wang | |  | | |  |  |  |  | | --- | --- | --- | --- | | **1.** | |  | | --- | | **Pacharawan Deenarn,** *National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency, Thailand.* | | Insight into the effects of prostaglandin E2 on ovary maturation in the black tiger shrimp *Penaeus monodon*. | | | | |  |  |  |  | | --- | --- | --- | --- | | **2.** | |  | | --- | | **Dr. Kittipong Rattanaporn,** *Kasetsart University, Thailand.* | | Quantitative RNA Analysis of a Viral Amplicon-based System for Transient Recombinant Human Therapeutic Protein Production in Plant Tissue. | | | | |  |  |  |  | | --- | --- | --- | --- | | **3.** | |  | | --- | | **Efendi Oulan Gustav Hakim Nata Buana,** *Brawijaya University, Indonesia.* | | Exploration of newly isolated bacteriophage from beef tripe and chicken intestine as biosanitizing agent for controlling biofilm formation. | | | | |  |  |  |  | | --- | --- | --- | --- | | **4.** | |  | | --- | | **Tanapak Inyod,** *Kasetsart University, Thailand.* | | Selection of *Macrocybe crassa* for mushroom production. | | | | |  |  |  |  | | --- | --- | --- | --- | | **5.** | |  | | --- | | **Namfon Panjanapongchai,** *Kasetsart University, Thailand.* | | Optimization of the concentrated liquid biofertilizer production | | | | |  |  |  |  | | --- | --- | --- | --- | | **6.** | |  | | --- | | **Chew Tin Lee,** *, Universiti Teknologi Malaysia, Malaysia.* | | Enzymatic assay for the compost from oil palm empty fruit bunch inoculated with *Rhodopseudomonas palustris* | | | | |  |  |  |  | | --- | --- | --- | --- | | **7.** | |  | | --- | | **Ms. Quiping Wang,** *Yunan Agricultural University, China.* | | Mechanism and Characterization of Pu-erh Tea by Solid State Fermentation. | | | |  | | | | 15:50-16:10 | **Closing/ Coffee Break** -Grand Ballroom | | | | 16:30-21:00 | **Leave for dinner and Performance at Calypso Show, Asiatique** (tickets included for international participants)     Get on the bus in front of the hotel. | | | | 22:30 | **Arrive back at the hotel** | | | |
| ***\** Highlighted programme** |
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| |  |  | | --- | --- | | **Day 4: Saturday, October 19th, 2013** | | | 07:00-16:00 | **Excursion (Route I or II)**(tickets included for international participants)    More details on '[EXCURSION](http://www.tsb2013.kasetsart.org/Excursion.html)' page | |