

Table of Contents

ICBFS 2012 Session 1

Quality Characteristic and Lysine Available of Smoked Fish <i>Fronthea Swastawati, Eko Susanto, Bambang Cahyono and Wahyu Aji Trilaksono</i>	1
The kinetic models for biomass and extracellular polysaccharide of <i>Ganoderma tsugae</i> <i>Nukrob Narkprasom, Jia-Hsin Guo, Tzou-Chi Huang, Yuan-Kuang Guu</i>	7
Characterization of Wheat Flour Treated by Supercritical Carbon Dioxide <i>Hee-Moon Kang, Joo-Hee Lee, Ryoung-Hee Kim, Jun-Ho Yun and Byung-Soo Chun</i>	12
Production of Reducing sugars from <i>Laminaria japonica</i> by Subcritical Water Hydrolysis <i>Jung-Nam Park, Tai-Sun Shin, Joo-Hee Lee, Byung-Soo Chun</i>	17
Particle formation of Lecithin process with Particles from Gas-Saturated Solutions using Supercritical Carbon Dioxide <i>Jun-Ho Yun, Seung-Mi Lee, Jung-Nam Park, Byung-Soo Chun</i>	22

ICBFS 2012 Session 2

Physical Properties of Wheat Flour Treated by Supercritical Carbon Dioxide <i>Hee-Moon Kang, Joo-Hee Lee, Ryoung-Hee Kim, Jun-Ho Yun and Byung-Soo Chun</i>	27
Kinetics of color loss of Djulis (<i>Chenopodium formosanum</i> Koidz.) extracts during storage in different concentrations of alcohol and temperature <i>Kanjana Narkprasom, Shao-Pin Wang, Shu-Mien Hsiao, Pi-Jen Tsai</i>	32
Bioactive Peptides from Epibiotic Pseudoalteromonas Strain P1. <i>C. Chellaram, T. Prem Anand, Felicia Shanthini, B. Arvind Kumar and Siddarth P Sarma</i>	37
Increase in biotethanol production by random UV mutagenesis of <i>S.cerevisiae</i> (MTCC No.3976) and by addition of Zinc ions in the alcohol production media <i>Deepika Taloria, Sutanu Samanta, Sujata Das, Chayanika Pututunda</i>	43
Bacteriocins Produced by Lactic Acid Bacteria A Review Article <i>M.P.Zacharof and R.W. Lovitt</i>	50

ICBFS 2012 Session 3

Enzyme production and growth of <i>Aspergillus oryzae</i> S. on soybean koji fermentation <i>Chuenjit Chancharonpong, Pao-Chuan Hsieh, Shyang-Chwen Sheu</i>	57
Application of Functional Colorant Prepared from Black Rice Bran in Yogurt	62

<i>Supap Nontasan, Anuchita Moongngarm, Sirirat Deeseenthum</i>	
Effect of Different Combinations of Soybean and Wheat Bran on Enzyme Production from <i>Aspergillus oryzae</i> S.	68
<i>Chuenjit Chancharoonpong, Pao-Chuan Hsieh, Shyang-Chwen Sheu</i>	
Chemical Compositions, Phytochemicals, and Antioxidant Capacity of Rice Bran, Rice Bran Layer, and Rice Germ	73
<i>Anuchita Moongngarm, Natcha Daomukda, Saowarose Khumpika</i>	
Antimicrobial Activity and Cytotoxicity Evaluation of <i>Euphorbia hirta</i> (L.) Extracts from Malaysia	80
<i>Shanmugapriya Perumal, Roziahanim Mahmud, Suthagar Pillai, Wei Cai Lee, Surash Ramanathan</i>	
ICBFS 2012 Session 4	
Antioxidant Activities of Essential Oils of <i>Psidium guajava</i> L. Leaves	86
<i>Wei Cai Lee, Roziahanim Mahmud, Suthagar Pillai, Shanmugapriya Perumal, Sabariah Ismail</i>	
Anti-parasitic Activity of <i>Myristica fragrans</i> Houtt. Essential Oil against <i>Toxoplasma Gondii</i> Parasite	92
<i>Suthagar Pillai, Roziahanim Mahmud, Wei Cai Lee, Shanmugapriya Perumal</i>	
Single Step Lactic Acid Production from Cassava Starch by <i>Lactobacillus plantarum</i> SW14 in Conventional Continuous and Continuous with High Cell Density	97
<i>Wichitra Bomrungnok, Kenji Sonomoto, Surapong Pinitglang and Aporn Wongwichan</i>	
Role of lactic acid bacteria on structural and physicochemical properties of sour cassava starch	104
<i>Widya Dwi Rukmi Putri, Haryadi, Djagal Wiseso Marseno, Muhammad Nur Cahyanto</i>	
Cytotoxic Effect of Water, Ethanol and Ethyl Acetate Extract of Black Cincau (<i>Mesona Palustris</i> BL) against HeLa Cell Culture	110
<i>Tri Dewanti Widyaningsih</i>	
ICBFS 2012 Session 5	
Enhancement of D-amino acid oxidase by <i>Trigonopsis variabilis</i>	115
<i>Neeraj Gupta, R.K.Gundampati, Debnath M.</i>	
Optimization of process parameters for ϵ -PolyLysine production from mixed carbon source using “one factor at a time” technique	120
<i>Swet Chand Shukla, Abha Mishra</i>	
Effects of selected medium components for production of glucose oxidase by a local isolate <i>Aspergillus terreus</i> UniMAP AA-1	125
<i>Ahmad Anas, N. G. , Dachyar Arbain, Muhammad Syarhabil Ahmad</i>	
Distribution and management of <i>Pomacea canaliculata</i> in the northern region of	129

Malaysia: Mini review <i>Noor Hasyierah Mohd Salleh, Dachyar Arbain, Mohamed Zulkali Mohamed Daud, Nilawati Pilus and Rohaina Nawi</i>	
Application of Atomic Absorption Spectroscopy (A Study on Cucurbita Maxima) <i>Vishal Mahabir, Vishwa Verma</i>	135
ICBFS 2012 Session 6	
The Potential of Zea mays Ears and It Extracts as an Alternative Food Nutritive Ingredients <i>Wan Rosli, W. I. and Che Anis, J.</i>	141
Influence of Fish Feed Containing Corn-Cob was Fermented By Trichoderma sp, Aspergillus sp and Rhizopus Oligosporus To The Rate of Growth Of Java Barb (<i>Puntius Gonionitus</i>) <i>Rita Rostika and Ratu Safitri</i>	148
Antioxidant activity of <i>Elaeis guineensis</i> leaf extract: An alternative nutraceutical approach in impeding aging. <i>Vijayarathna Soundararajan, Sasidharan Sreenivasan</i>	153
Isolation and Identification of Helicase from <i>Anoxybacillus sp</i> for DNA amplification <i>S.Yamuna, I.Asma, B.Venugopal, O. Eugene, S.Sasidharan</i>	160
Isolation and Identification of Helicase from <i>Escherichia coli</i> for Biotechnology Processes <i>S.Sasidharan, S.Yamuna, O. Eugene, B.Venugopal, I.Asma</i>	165
ICBFS 2012 Session 7	
Comparative Study on Synbiotic Effect of Fermented Rice Bran by Probiotic Lactic Acid Bacteria Lactobacillus casei and Newly Isolated Lactobacillus plantarum B2 in Wistar rats <i>Elok Zubaidah, M. Nurcholis, S.N Wulan and Anita Kusuma</i>	170
Effect of drying methods on metabolites composition of misai kucing (<i>Orthosiphon stamineus</i>) leaves <i>Sriyana Abdullah, Abdul Razak Shaari, Adli Azimi</i>	178
Phytoplankton tracking by oceanic model and satellite data in the Bay of Bengal and Andaman Sea <i>Sakharin Suwannathatsa, Prungchan Wongwises, Suphat Vongvisessomjai, Worachat Wannawong, Dolaporn Saetae</i>	183
Effect of Ingredients on Texture Profile of Fermented Food, Idli <i>Manoharan Durgadevi and Prathapkumar Halady Shetty</i>	190
Anti-Acetylcholinesterase activity of <i>Piper sarmentosum</i> by a Continuous Immobilized-enzyme assay	199

