

ORAL PAPERS LIST

Code	Topics
S1 Agricultural Biotechnology	
OP-S1-01	Induction of resistance in abaca (<i>Musa textilis</i> nee) against fusarium wilt disease using elicitors Elizabeth P. Parac
OP-S1-02	Exploring bacterial diversity in intestines of the black tiger shrimp Wanilada Rungrassamee
S2 Industrial Biotechnology	
OP-S2-01	Properties of native and recombinant thermoalkalophilic xylanases from <i>Bacillus halodurans</i> CM1, and application of the enzymes in industrial deinking process Is Helianti
OP-S2-02	Characterization of alkaliphilic xylanase from metagenomes of termite gut inhabiting bacteria and its application on pulp bleaching process Phitsanu Pinmanee
OP-S2-03	Molecular typing to discriminate alcohol-tolerant wine strains of <i>Saccharomyces cerevisiae</i> Cynthia T. Hedreyda
OP-S2-04	Assessing a phenolic biodegradation performance by using laccases produced by <i>Marasmius</i> sp. Sri Harjati Suhardi
S3 Biofuel and Biorefinery	
OP-S3-01	Enzymatic bio-diesel: A breakthrough to develop environmentally friendly new and renewable energy Dadang Suhendar
OP-S3-02	Microbial conversion of biodiesel-derived crude glycerol into carotenoids by <i>Sporobolomyces pararoceus</i> TISTR5213 Atchara Manowattana
OP-S3-03	Development of efficient biomass-degrading enzyme mixtures for saccharification of local lignocellulosic feedstock Wanwitoo Wanmolee
OP-S3-04	Enzymatic viscosity reduction in very high gravity fermentation of cassava by multi-cell wall degrading enzyme from <i>Aspergillus aculeatus</i> Aphisit Poonsrisawat
S4 Biofertilizer and Plant Growth Promoter	
OP-S4-01	Optimum media of acid-aluminium tolerant <i>Bradyrhizobium japonicum</i> for indole acetic acid producing and its application on soybean growth Nisa Rachmania Mubarik
OP-S4-02	Response of tomato seedling fertigated with fish effluent to <i>Azospirillum brasilense</i> inoculation Jonathan S. Mangmang
OP-S4-03	Bioprotectant with multi functional microorganisms: A new dimension in plant protection Lalithakumari Janarthanam
S5 Medical Biotechnology	
OP-S5-01	The metabolism of methylsulfinylalkyl- and methylthioalkylglucosinolates by a selection of human gut bacteria Vijitra Luang-In
OP-S5-02	Kinetics characterization of the C-terminal domain mutants of <i>Mycobacterium tuberculosis</i> catalase-peroxidase Winni Astuti
OP-S5-03	Biosynthesis of recombinant universal influenza vaccine candidate Toto Subroto
OP-S5-04	Construction and expression of multi cassettes encoding Indonesian small hepatitis B surface antigen (s-HBsAg) in methylotrophic yeast <i>Pichia pastoris</i> Ernawati Arifin Giri-Rachman

Code	Topics
S6 Biodiversity	
OP-S6-01	The PhilFUB project: Documenting fungal endophytes from Philippine mangroves Thomas Edison E. dela Cruz
OP-S6-02	Diversity of actinomycetes isolated from Thailand Chanwit Suriyachadkun
S8 Environmental Biotechnology	
OP-S8-01	“Bio wet scrubber remediation agent” for petrochemical industries Watson Ariyaphuttarat
OP-S8-02	Monitoring of biogas-producing microbes over temperature shift for thermophilic POME treatment Maneerat Khemkhao
S10 Bioinformatics	
OP-S10-01	Metabolomics: Analytics methods driving progress in microbial cell factories Sakda Khoomrung
OP-S10-02	sMOL++: Bridging structures, spectrums and reactions of metabolites Somrak Numnark
OP-S10-03	Computational prediction for GPI anchoring-anchored proteins in fungi using support vector machines (SVMs) Wuttichai Mhuantong