

THE 4th INDONESIA BIOTECHNOLOGY CONFERENCE
(an International Forum for Biotechnology)

5-7 AUGUST, 2008
IPB INTERNATIONAL CONVENTION CENTER - BOGOR

Program

The schedule of Day 1 is arranged by the President Palace Organizer due to the Opening Ceremony held at the President Palace in Jakarta

Day 1 :

Alternative 1.

Day-1	Time	Event
Selected participants	06.30-09.00	Meeting at IPB-ICC Bogor, leave for President Palace Jakarta
	10.00-11.00	Opening Ceremony : President Palace-Jakarta - Conference report by Chairman of Organizing Committee - Remarks from chairman of KBI - Opening remarks by the President of Republic of Indonesia
	11.00-12.30	Leave for IPB-ICC Bogor
	12.30-13.30	Registration, lunch and poster viewing
Remaining participants	09.00-12.30	Registration, morning tea, poster viewing and exhibition
	12.30-13.30	Lunch

Time	Event	Topic	Chair
13.30-14.15	Welcoming address : IPB Rector Keynote speaker : Minister of State for Reserach and Technology		
14.15-15.45	Plenary 1 :		Dr. Sonny Suharsono
	Prof. Ko Shimamoto	Molecular signaling in rice disease resistance	
	Prof. Hiroshi Sekiguhci	Algae for biofuel: Collection of candidate microalgal strains	
	Dr. Sjaak Van Heusden	Metabolomics and its use in the Indosol program	
15.45-16.00	Afternoon tea, poster viewing and exhibition		
16.00-17.30	Plenary 2 :		Dr. Djoko Santoso
	Prof. Naotake Ogasawara	Enhanced recombinant protein productivity by genome reduction in <i>Bacillus subtilis</i>	
	Prof. Seung Koo Song	Biofuel	
	Prof. Young Je Yoo	Development for environment-friendly bioprocess : Cofactor-dependent enzyme reactions	
19.00-21.00	Balai Kota Bogor-dinner		

Alternative 2.

Day-1	Time	Event	Topic	Chair
All participants	07.00-08.30	Registration		
	08.30-09.45	Soft Opening : - Conference report : Chairman of Organizing Committee - Remarks : Chairman of Indonesian Biotechnology Conference - Welcoming address : IPB Rector - Keynote speech : the Minister of State for Research and Technology		
	09.15-09.30	Morning tea		
	09.30-11.15	Plenary 1 :		Dr. Sonny Suharsono
		Prof. Ko Shimamoto	Molecular signaling in rice disease resistance	
		Prof. Hiroshi Sekiguhci	Algae for biofuel: collection of candidate microalgal strains	
		Dr. Sjaak Van Heusden	Metabolomics and its use in the Indosol program	

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	11.15-12.45	Plenary 2: Prof. Naotake Ogasawara	Enhanced recombinant protein productivity by genome reduction in <i>Bacillus subtilis</i>	Dr. Djoko Santoso
		Prof. Seung Koo Song	Biofuel	
		Prof. Young Je Yoo	Development for environment-friendly bioprocess : Cofactor-dependent enzyme reactions	
	12.45-13.30	Lunch, poster viewing and exhibition		
Selected participants	13.30-15.00	Leave Bogor to President palace-Jakarta for opening ceremony		
	15.00-16.30	Opening Ceremony : President Palace-Jakarta - Conference report by Chairman of Organizing Committee - Remarks from chairman of KBI - Opening remarks by the President of Republic of Indonesia		
Remaining participants	13.00- 15.30	Lunch, poster and exhibition viewing		
	15.30-16.00	Afternoon tea		
Selected participants	19.00-21.00	Dinner at Balaikota Bogor		

Day 2 :

Time	Event	Topic	Chair
08.00-09.45	Plenary 3:		Dr. Koesnandar
	Prof. Don-Hee Park	Estimating and improving cold filter plugging points by blending biodiesels with different fatty acid contents	
	Prof. Akiho Yokota	JST New Project: Molecular breeding of <i>Jatropha curcas</i> plants as a high-yield oil crop	
	Prof. Dr. Umar Anggara Jenie	(Biopharmaceutical)	
09.45-10.00	Morning tea, poster viewing and exhibition		
10.00-11.45	Plenary 4:		Dr. Adi Santoso
	Dr. Gerard Barry	Enhancement of nutrition in rice using modern biotechnology	
	Dr. Harvey Glick	(Agric biotech)	
	Dr. Dedi Fardiaz	(Food biotech)	
11.45-12.15	Lunch symposia - PT Fajar Mas Murni : The outstanding products for biotechnology		
12.15-13.45	Lunch, poster viewing and exhibition		
13.45-14.45	Paralel Session 1		
	Room A Moderator : Dr Khaswar Syamsu	Room B Moderator : Dr. W. Purbowasito	Room C Moderator : Dr. Amarila Malik
	Titi Candra Sunarti : Bioethanol from hydrolyzates of corncob residue	Endang Semiarti : A new method for identifying the progeny of intergeneric orchid breeding based on its chloroplast <i>TrnL-F</i> sequences as a molecular marker	Rama Dhenni : Detection and identification of human enteroviruses among healthy children in Antajaya, Bogor
	M.C. Tri Atmodjo : The research of some cassava lines as raw materials of bioethanol	Made Pharmawati : Application of DNA-based techniques to develop markers to assist <i>Leucadendron</i> (Proteaceae)	Ainun Hairany : Screening Of Hepatitis C Virus RNA Helicase Inhibitor From Indonesian Indigenous Actinomycetes
	Muhammad Samsuri : Enzymatic hydrolysis of lignocellulosic bagasse for bioethanol production	Ida Ayu Astarini : Application of molecular markers in cauliflower production	Andhyni Eriel Tombe : Screening of Japanese Encephalitis Virus RNA helicase inhibitor from Indonesian Actinomycetes
	Dwi Susilaningsih : Bioconversion unused tropical biomasses into benefit value of bioenergies	Rahmat Dzulfikry : Isolation and culture of protoplasts from cell suspension of <i>Rhynchostylis gigantea</i> var. <i>rubrum</i>	Diana E. Waturangi : Genetic diversity of methylotrophic bacteria from human mouth based on <i>Amplified Ribosomal DNA Restriction Analysis</i> (ARDRA)
14.45-15.45	Paralel Session 2		
	Room A Moderator : Dr. D. Susilaningsih	Room B Moderator : Dr. Djoko Santoso	Room C Moderator : Dr. Reinhard Pinontoan
	Yanni Sudiyani :	Yekti Asih Purwestri :	Ratna Wahyuni :

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	Dilute acid pretreatment and enzymatic saccharification of empty fruit bunches fiber of Palm oil for ethanol	Identification of 14-3-3 protein as an Hd3a interactor in rice	Detection of dapson and rifampicin resistance on <i>Micobacterium lepreae</i> isolates from East Java (Biomoleculer study for detection of mutation)
	Khairul Anam : Isolation and characterization lactic acid-producing bacteria from fermented food for bioenergy	Enung S. Mulyaningsih : Transformation strategy for indica rice of Batutegei and Kasalath cultivars In attempt to discover drought-tolerant related genes	Dinar Adriaty : Genotyping analysis by TTC repeat varation of <i>Mycobacterium lepreae</i> isolates in leprosy endemic area in East Java (Epidemiology moleculer study in Poteran Island, Sumenep, East Java Province)
	Theresia Umi Harwati : Enhancing the saccharification process of sugar cane waste biomass (bagasse) using shock-treatment of diluted sulfuric acid and extracellular enzymes addition	Amy Estiati : <i>Agrobacterium</i> -mediated transformation of Javanica rice plants cv. Rojolele with a binary vector containing a cry 1B gene under the control of wound inducible promoter and molecular analysis	Maria Melissa Kartawinata : The development of flow cytometry-based assay for rapid detection of dengue virus
	Qamarudin Helmy : Biosurfactants production from <i>Azotobacter sp</i> and its application in biodegradation of petroleum hydrocarbon	Muhammad Hazmi : Study of <i>in vitro</i> sugarcane basal shoot potency for <i>Agrobacterium</i> -mediated DNA transformation explants	Victor Arief Sugiharto : Microsphere Array for the detection of dengue antigens
15.45-16.00	Afternoon tea, poster viewing and exhibition		
16.00-17.00	Paralel Session 3		
	Room A Moderator : Dr. Puspita Lisdiyanti	Room B Moderator : Dr. Y. Widyastuti	Room C Moderator : Dr Komang Wiryawan
	Uun Yanuhar : The development of cell culture for production monoclonal antibody for tool diagnostic in infectious diseases of Grouper	Aris Tri Wahyudi : Genetic analysis of plant growth promoting Rhizobacteria <i>Bacillus sp</i> producing antibiotics against phytopathogenic fungi	Endang Tri Margawati : Detection of Quantitative Trait Loci (QTL) affecting carcass traits in backcross half-sib family of Indonesian thin tail sheep
	Tb. Haeru Rahayu : Selection of probiotic bacteria to improve the health of White Shrimps <i>Litopenaeus vannamei</i> toward White Spot Syndrome Virus (WSSV)	Astuti, R.I. : Screening of <i>Pseudomonas sp</i> for potential plant growth-promoting Rhizobacteria and biocontrol of phytopathogenic fungi	Mohamad Amin : Genetic potency mapping of local buffalo (<i>Bubalus bubalis</i>) in Banyuwangi East Java based on RLFP-DNA (Restriction Length Fragment Polymorphisms DNA)
	Muhammad Nursid : Isolation of cytotoxic compound from <i>Nephthea sp.</i> soft coral	Nurhalisyah : The influence of inoculation of arbuscular mycorrhizae on yield of potato (<i>Solanum tuberosum L.</i>)	Mohammad Sadikin : Folic-acid assay technique by protein-ligands binding method using folate binding protein from cow milk as binder protein
	Junianta Anto : The process design of the biological extraction of chitin from shrimp shell	Awang Maharijaya : Resistance to thrips in pepper	Endang Purwati : Hypocholesterolemic effects of <i>Lactobacillus</i> strain isolated from Blondo (waste of virgin coconut oil) observed in broiler cholesterol contained diets
13.45-17.00	Side meeting, chair: Dr Soedjatmiko (for KBI members only)		

Day 3 :

Time	Event	Topic	Chair
08.00-08.30	Keynote speaker : Prof Dr. Endang Sukara	Indonesian Biodiversity and its Future Value for Achieving MDGs and Adaptation to the Global Climate Change	Dr. Adi Santoso
08.30-10.15	Plenary 5:		Dr. Hari Eko Irianto
	Prof. Nasrin Moazami	Development of biotechnology in Iran	
	Prof. Haleh Hashemi Sohi	Plants as biopharmaceuticals factories	
	Dr. Fatchiyah	Molecular Biomechanics of Sex Differentiation	

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10.15-10.30	Morning tea, poster viewing and exhibition		
10.30-12.00	Plenary 6:		Dr. Darmono T
	Dr. Didiek H. Goenadi	Current status of investment in biotechnology in Indonesia	
	Dr. Indra Bachtiar	Proteomics for cancer biomarker discovery	
	Dr. Ferry Sandra	Development of stem cell research in Indonesia	
12.00-12.30	Lunch Symposia : Biotage AB – Pyrosequencing		
12.30-13.15	Lunch, poster viewing and exhibition		
13.15-14.45	Plenary 7:		Dr. Rer.nat. Abu Amar
	Dr. Antonius Suwanto	(marine biotech)	
	Dr. Dessy Natalia	α -Amylases and Their Importance in Biotechnology	
	Robert Rice, PhD.	Gene expression	
14.45-15.00	Afternoon tea, poster viewing and exhibition		
15.00-16.00	Paralel Session 4		
	Room A Moderator : Dr. Ekowati Chasanah	Room B Moderator : Dr Karden Mulya	Room C Moderator : Dra Setiarti Soekotjo
	Yunianta : Enzymatic deproteinization method in chitin isolation of crab's (<i>Portunus japonicus</i>) shell waste	Toshihiro Nakano : Analysis of common conserved residues between <i>Bacillus</i> RuBisCO-like protein and photosynthetic RuBisCO	Amarila malik : Glucosyltransferase gene screening in exopolysaccharide producing-lactic acid bacteria strains isolated from various local foods and beverages
	Dwiyitno : Application of RT-PCR for the identification of fish and seafood authenticity based on the cyt b gene	Nurul Khumaida : Isolation and characterization of Soybean Chlorophyll A Oxygenase (CAO) gene, which is involved in chlorophyll b formation	Herman Suryadi : Combining induced mutation for strain improvement of <i>Aspergillus Flavus</i> for Kojic acid production
	Rachma Nuzulliaty : Filtration process for increasing biomass production of <i>Chlorella sp.</i> with constant lighting intensity in mid-scale bubble column photobioreactor	Maria P. Omega : A highly abundant lectin protein in <i>Arabidopsis thaliana</i> confers resistance against pathogens	Vanny Narita : Subcloning of <i>Toxoplasma gondii</i> T29 cDNA fragment in Yeast Shuttle Vector pYES2/CT
	Sri Sumarsih : The construction of b-xylosidase gene in the pHIS1525/ <i>Bacillus megaterium</i> system	Susan Soka : Identification and genetic diversity analysis of Yeasts from orange juice by PCR-RFLP of the 5.8S rRNA gene and the internal transcribed spacers	M.Sasmito Djati : The effect of Hydroxocobalamin Therapy on Damage of Beta-Pancreas cell of White (Rattus by Multiple Low norvegicus), Diabetes Mellitus Type 1 Exposed by Multiple Low Dose of Streptozotocin (MLD-STZ)
16.00-17.00	Paralel Session 5		
	Room A Moderator : Dr. E. Tri Margawati	Room B Moderator : Ir. Sumaryono, MSc	Room C Moderator : Dr. Amy Estiati
	Zaituni Udin : Effect of storage temperature of ovary to <i>in vitro</i> fertilization rate of cow oocyte	Juwartina Ida Royani : Induction of somaclonal variation in medicinal plant with high concentration of plant growth regulator	Dominggus Malle : Rapid Purification, Partial Characterization of an Exo-lipase from <i>Aspergillus niger</i> and Its Enantioselective Property towards Aryl Propionic Butyl Ester
	Zesfin B.P. : Effect of storage temperature of epididymis on the semen quality of swamp buffalo	Ni Made Armini Wiendi : <i>In vitro</i> induction of polyploid plants from colchicine-treated diploid Stevia axillary bud	Irvan Faizal : Polymorphism Analysis of Polyketide Synthase Gene from Actinomycetes Genome DNA of Taman Nasional Gunung Halimun Soil by Using Metagenome Method
	Zuhelmi Zein : Comparative of <i>in vitro</i> fertilization	Heri Hermansyah : Nitrous oxide gas removal using	Sulistyo Emantoko : Increasing of carotene production

	rate of oocyte cow In two <i>in vitro</i> maturation media	compost biofilter: Effect of circulated gas flowrate	from local isolate when using additional supernatant from bacterial culture in their growth medium
	Sri Rahayu : Preliminary study on keratinolytic enzymes from two Indonesian isolates	Sitti Inderiati : Isolation and identification of endophytic actinomycetes and their antifungal activity	Astuti Lamid : The effect of iodine and beta carotene in alleviating the iodine deficiency disorders among pregnant women
17.00-17.30	Closing ceremony, presentation of KBI side meeting and IBC award		