

**The 14th Young Scientist Seminar in Yamaguchi University on March 06, 2018
at Forum Space of Yoshida Research and Education Building (SOKENTOU) 3F**

	Presenter	Chairperson
09:00-09:05	Opening Remarks by Prof. Jun KOBAYASHI (Dean of Agriculture)	
09:05-09:55	Toward an Integration of Phytomedomics and Omics Approaches to Developing Functional Vegetable Variety in <i>Allium</i> by Prof. Masayoshi Shigyo, Yamaguchi University	Chair 1: Ms. Kanokwan Singasa Co-Chair: Mr. Makoto Higuchi
09:55-10:10	Effect of electrotherapy on explant growth in shallot by Retno Pangestuti, Gadjah Mada University	Chair 2: Ms. Chanalug Rachanarin Co-Chair: Ms. Parnchanok Nimthaphthim
10:10-10:25	Evaluation of some new cucumber hybrid lines grown in Spring Summer season 2017 at Vietnam (Gialam-Hanoi) by Mai Ha Trang, Vietnam National University of Agriculture Evaluation of agro-biological characteristics of some cucumber F2 hybrid lines between Hoa Binh 1 (HB1) and Japanese cucumber lines in winter season 2017 at Viet Nam by Vu Thi Hoa, Vietnam National University of Agriculture	
10:25-10:40	Facing The Increasing Temperature for Development of Potatoes (<i>Solanum tuberosum</i>) in Indonesia by Miranti Dian Pertiwi, Gadjah Mada University	
10:40-11:00	Coffee Break	
11:00-11:15	Parental genetic distance and combining ability analyses in relation to heterosis in various rice origins by Weerachai Matthayathaworn, Kasetsart University	Chair 3: Ms. Retno Pangestuti Co-Chair: Ms. Kawinda Sriyod
11:15-11:30	Determination of total phenolic and flavonoid contents and their antioxidant activity from cell suspension of <i>Kaempferia parviflora</i> by Haruthairat Kitwetcharoen, Kasetsart University	
11:30-11:45	Ontogenic model of <i>Dimocarpus Longan Lour.</i> seedling based on tree biomass as a response to the treatment of soil microbial by Zulfikar DIAUDDIN BAKRY, Brawijaya University	
11:45-12:00	Effects of knockout mutations of <i>AIG1-4</i> , a small G protein family gene, under low pH stress conditions in <i>Arabidopsis thaliana</i> by Ryota Matsui, Yamaguchi University	
12:00-13:00	Lunch	
13:00-13:30	Indole-3-acetic acid production and elucidation of indole-3-acetic acid biosynthetic pathway in <i>Rhodotorula paludigena</i> DMKU-RP301 by Dr. Pumin Nutaratat, Kasetsart University	Chair 4: Mr. Weerachai Matthayathaworn Co-Chair: Mr. Ryota Matsui
13:30-13:45	Synthetic pathway for bioconversion of 4-vinylguaiaicol to vanillylamine by Narinthorn Kenlar, Chulalongkorn University Expression and characterization of lactonizing-enzymes to produce value-added industrial lactones by Danghatai Wongthanaroj, Chulalongkorn University	Chair 5: Ms. Miranti Dian Pertiwi Chair 6: Mr. Zulfikar Diauddin Bakry
13:45-14:00	Antibacterial activity and characterization of secondary metabolites isolated from an endophytic fungus <i>Scytalidium</i> sp. 21 by Chanalug Rachanarin, Chiang Mai University	
14:00-14:15	Screening of fungal isolates and natural substrates for phytase production through solid state fermentation by Kritsana Jatuwong, Chiang Mai University	
14:15-14:30	Sugar production from microalgal biomass by enzymatic saccharification by Kawinda Sriyod, Khon Kaen University	
14:30-14:45	Study on ethanol fermentation at high temperature by thermotolerant yeasts by Nguyen Nhat Thao, Can Tho University The Selection of Thermotolerant Acetic Acid Bacteria and Their Applications for Acetic Acid Fermentation by Nguyen Thi My Huyen, Can Tho University	
14:45-15:00	Optimization of cellulase production rate of thermotolerant microbes isolated from natural fermented sources in Bangladesh by Noyon Kumar Barman, Jahangirnagar University	
15:00-15:15	Coffee Break	
15:15-15:30	Molecular and phylogenetic characterization of bovine coronavirus isolated from dairy cattle in Central Region, Thailand by Kanokwan Singasa, Kasetsart University	Chair 7: Ms. Haruthairat Kitwetcharoen Co-Chair: Mr. Noyon Kumar Barman
15:30-15:45	Application of insect (<i>Hermetia illucens</i>) to process organic by-products and food waste by Wei-Jie Ke, National Chung-Hsing University	
15:45-16:00	A trial for the development of a novel variety of shallot, a spicy tropical vegetable, suitable for a temperate climate by Makoto Higuchi, Yamaguchi University	
16:00-16:15	The study of appropriate amount and method of feeding fertilizer solution for petunia 'Coral' plants grown under semi-closed plant production system by Parnchanok Nimthaphthim, Maejo University	
16:15-16:25	Thermotolerant yeasts isolated from Indonesian and trial of their adaptation to high temperature by Afriyagung Saputra, Brawijaya University	
16:25-16:35	Ethanol production of <i>Meyerozyma caribbica</i> by Narinnipa Chaikad, Srinakharinwirot University	
16:35-16:45	Identification of dimethyl tetrasulfide from Chinese chives and purification of active compound from <i>Xylaria psidii</i> culture broth by Tanakrit Pichaitam, Mae Fah Luang University	
16:45-17:00	Best presenter award	