

議程：

Day 1	Thursday, March 14 <sup>th</sup>
19:00-21:00	Joint banquet with JSPP 2019

Day 2	Friday, March 15 <sup>th</sup>		
	@The Liberal Arts and Sciences Main Building		
		Speaker/Title	
09:00-10:40	<b>Session 1</b> Environmental responses, Abiotic stresses I  <b>Chairs:</b> 平山隆志 Takashi Hirayama 吳少傑 Shaw-Jye Wu	高橋史憲 Dr. Fuminori Takahashi, RIKEN Center for Sustainable Resource Science, Japan “Root-to-shoot communications in drought stress responses and resistance”	
		花田耕介 Dr. Kousuke Hanada, Kyushu Institute of Technology, Japan “Small coding genes hidden in plat genomes induce multiple hormone-like functions”	
		東泰弘 Dr. Yasuhiro Higashi, RIKEN Center for Sustainable Resource Science, Japan “A heat-inducible lipase remodels chloroplastic glycerolipids in Arabidopsis leaves under heat stress”	
		張孟基 Dr. Men-Chi Chang, Department of Agronomy, National Taiwan University, Taiwan “Functional Study of Basic Helix-Loop-Helix (bHLHs) Transcription Factor Genes in Rice”	
	<b>Session 2</b> Biomembrane, Ion and solute transporters  <b>Chairs:</b> 木下俊則 Toshinori Kinoshita 邱子珍 Tzyy-Jen Chiou	馬建鋒 Dr. Jian Feng Ma, Institute of Plant Science and Resources, Okayama University, Japan “Role of a citrate transporter in acquisition of aluminum tolerance in barley”	
		Dr. Koji Takahashi, Graduate School of Science, Nagoya University, Japan “Regulation of plasma membrane H <sup>+</sup> -ATPase in response to environmental signals”	
		郭瑋君 Dr. Woei-Jiun Guo, National Cheng Kung University, Taiwan “SWEET transporters regulate sink-source sugar allocation”	
		何承訓 Dr. Cheng-Hsun Ho, Agricultural Biotechnology Research Center, Academia Sinica, Taiwan “The role of novel regulators for the regulation of nitrogen transport”	
	09:00-10:40	<b>Session 3</b> Cell biology	Dr. Erika Isono, University of Konstanz, Japan “All roads lead to the vacuole - ubiquitylation as a signal in membrane trafficking”
		<b>Chairs:</b>	Dr. Kohki Yoshimoto, Meiji University, Japan

	<p>上田貴志 Takashi Ueda 趙光裕 Guang-Yuh Jauh</p>	<p>“Plant autophagy: an intracellular system for bulk and selective self-degradation”</p> <p>王昭雯 Dr. Chao-Wen Wang, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “Seipin regulates sphingolipid synthesis at the contact site between endoplasmic reticulum and lipid droplets”</p> <p>王中茹 Dr. Chung-Ju Wang, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “The mitosis-to-meiosis transition of pollen mother cells in maize”</p>
	<p><b>Session 4 Plant-microbe interaction</b></p> <p><b>Chairs:</b> 西條雄介 Yusuke Saijo 楊俊逸 Jun-Yi Yang</p>	<p>寺内良平 Dr. Ryohei Terauchi, Laboratory of Crop Evolution, Graduate School of Agriculture, Kyoto University, Kyoto, Japan “Evolutionary dynamics of Rice-Magnaporthe interactions”</p> <p>西條雄介 Dr. Yusuke Saijo, Division of Biological Sciences, Nara Institute of Science and Technology, Ikoma, Japan “Pattern-triggered immunity under water stress conditions”</p> <p>馬麗珊 Dr. LaySun Ma, Institute of Plant Microbial Biology, Academia Sinica, Taiwan “The smut fungi <i>Ustilago maydis</i> effectors and its virulence”</p> <p>楊俊逸 Dr. Jun-Yi Yang, Institute of Biochemistry, National Chung Hsing University, Taiwan “The Magic Broom of Phytoplasma”</p>
10:40-10:55	<b>Break</b>	
		<b>Speaker/Title</b>
11:00-12:40	<p><b>Session 5 Environmental responses, Abiotic Stresses II</b></p> <p><b>Chairs:</b> 梅澤泰史 Taishi Umezawa 陸重安 Chung-An Lu</p>	<p>太治輝昭 Dr. Teruaki Taji, Tokyo Univ. of Agriculture, Dept. of Bioscience, Japan “Dissecting the genetic control of natural variation in acquired osmotolerance among <i>Arabidopsis thaliana</i> accessions.”</p> <p>葉靖輝 Dr. Ching-Hui Yeh, Department of Life Sciences, National Central University, Taiwan “Expression of a heat shock protein, Oshsp16.9A, enhances thermotolerance of rice seeds”</p> <p>韋保羅 Dr. Paul Verslues, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “AFL1 and other membrane-associated proteins involved in drought response”</p> <p>余淑美 Dr. Su-May Yu, Institute of Molecular Biology, Academia Sinica, Taiwan “Genes with Multifaceted Functions Regulates Grain Yield and Abiotic Stress Tolerance in Rice”</p>
11:00-12:40	<p><b>Session 6 Evolution/Taxonomy</b></p>	<p>西山智明 Dr. Tomoaki Nishiyama, Advanced Science Research Center, Kanazawa University, Japan “Evolution of Genetic Toolkits in Land Plants: Implication by Streptophyte Genomes”</p>

11:00-12:40	<b>Chairs:</b> 長谷部光泰 Mitsuyasu Hasebe 趙淑妙 Shu-Miaw Chaw	長谷部光泰 Dr. Mitsuyasu Hasebe, National Institute for Basic Biology, Japan “Evolution of carnivorous plants and moving plants”	
		趙淑妙 Dr. Shu-Miaw Chaw, Biodiversity Research Center, Academia Sinica, Taiwan “Stout camphor tree genome fills gaps in understanding of flowering plant genome and gene family evolution”	
		鍾國芳 Dr. Kou-Fang Chung, Biodiversity Research Center, Academia Sinica, Taiwan “Paper mulberry genomic data support the "out of Taiwan" Hypothesis of Austronesian migration”	
	<b>Session 7 Photobiology</b>  <b>Chairs:</b> 松下智直 Tomonao Matsushita 涂世隆 Shih-Long Tu	武宮淳史 Dr. Atsushi Takemiya, Yamaguchi University, Japan “Signaling network of phototropic-regulated stomatal opening”	
		兒玉豊 Dr. Yutaka Kodama, Utsunomiya University, Japan “Phototropin is thermosensory protein for chloroplast movement”	
		朱修安 Dr. Hsiu-An Chu, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “Photoprotective mechanisms of the Photosystem II reaction center in cyanobacteria”	
		謝旭亮 Dr. Hsu-Liang Hsieh, National Taiwan University, Taiwan “Phytochrome B and FIN219/JAR1 regulate with each other in response to shade light”	
	<b>Session 8 Plant Hormones/ Signaling molecules</b>  <b>Chairs:</b> 榊原均 Hitoshi Sakakibara 謝旭亮 Hsu-Liang Hsieh	笠原博幸 Dr. Hiroyuki Kasahara, Tokyo University of Agriculture and Technology, Japan “Auxin biosynthesis and inactivation in plants and green algae”	
		Dr. Ildoo Hwang, Pohang University of Science Technology, Korea “Interplay of auxin and cytokinin signaling in vasculature development”	
		鄭萬興 Dr. Wan-Hsing Cheng, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “The SALT HYPERSENSITIVE MUTANT 1 and 9, nucleolar proteins involved in pre-rRNA processing, mediate normal plant growth and salt sensitivity through auxin and ABA signaling in Arabidopsis”	
			趙光裕 Dr. Guang-Yuh Jauh, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “Mutation of Arabidopsis SAURs impairs the efficient translation of transcripts essential for pollen tube growth”

12:40-13:30	Lunch	
13:30-16:00	Poster presentation & Discussion	
		Speaker/Title
16:30-18:10	<b>Session 9 Growth and development:</b>  伊藤寿朗 Toshiro Ito 余天心 Tien-Shin Yu	塚谷裕一 Dr. Hirokazu Tsukaya, University of Tokyo, Japan "Regulation of leaf meristem"
		伊藤寿朗 Dr. Toshiro Ito, Nara Nara Institute of Science and Technology, Japan "Multi-step termination of floral stem cell activity"
		何金敏 Dr. Chin-min Ho, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan "Cell fate determination in asymmetrically dividing stomatal lineage cells in Arabidopsis"
		余天心 Dr. Tien-Shin Yu, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan "Control of phase transition and meristem identity by mobile mRNAs"
	<b>Session 10 Gene regulation</b>  <b>Chairs:</b> 中島敬二 Keiji Nakajima 吳克強 Keqiang Wu	大谷美沙都 Dr. Misato Ohtani, NAIST, Japan "Crosstalk between pre-mRNA splicing and transcription for the cell potency regulation in plants"
		濱田隆宏 Dr. Takahiro Hamada, University of Tokyo, Japan "AGO1 interacting proteins regulate developmental gene expression via siRNA-transposon modules"
		蔡皇龍 Dr. Huang-Lung Tsai, National Taiwan University, Taiwan "The regulatory role of transcription factor family BASIC PENTACYSTEINE in Arabidopsis circadian clock"
		吳克強 Dr. Keqiang Wu, National Taiwan University, Taiwan "The Arabidopsis LDL1/2-HDA6 histone modification complex is functionally associated with CCA1/LHY in regulation of circadian clock genes"
	<b>Session 11 Primary and Secondary metabolism:</b>  <b>Chairs:</b> 出村拓 Taku Demura 中村友輝 Yuki Nakamura	Dr. Takatoshi Kiba, Graduate School of Bioagricultural Sciences, Nagoya University, Japan "Nitrogen starvation responses in Arabidopsis: transcriptional and metabolic regulations"
		峠隆之 Dr. Takayuki Tohge, NAIST, Japan "Metabolomics-assisted breeding focused on tomato secondary metabolism"
		郭惠芬 Dr. Hui-Fen Kuo, Agricultural Biotechnology Research Center, Academia Sinica, Taiwan "The intersection between InsP metabolism & Pi homeostasis in plants"
		中村友輝 Dr. Yuki Nakamura, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan "An essential methyltransferase trio in phosphatidylcholine biosynthesis"

	<p><b>Session 12</b> Crop improvement</p> <p><b>Chairs:</b> 佐藤豊 Yutaka Sato 洪傳揚 Chwan-Yang Hong</p>	<p>江面浩 Dr. Hiroshi Ezura, University of Tsukuba, Tsukuba Plant Innovation Research Center, Japan “Rapid breeding of important traits in tomato by gene editing technologies”</p>
		<p>芦荊基行 Dr. Moto Ashikari, Nagoya University, Bioscience and Biotechnology Center, Japan “Trial of Rice breeding based on science”</p>
		<p>林彥蓉 Dr. Yann-Rong Lin, Dept. Agronomy, National Taiwan University, Taiwan “Subtropical adaptation of a temperate plant (<i>Brassica oleracea var. italica</i>) utilizes non- vernalization-responsive QTLs”</p>
		<p>賀端華 Dr. Tuan-Hua David Ho, Institute of Plant and Microbial Biology, Academia Sinica, Taiwan “Rice Big Grain 1 promotes cell division to enhance organ development, stress tolerance and grain yield.”</p>

Day 3	Saturday, March 16 <sup>th</sup>
	@Toyoda Auditorium
09:00-09:10	Opening
09:10-10:30	<p>Chair: 賀端華 Tuan-Hua David Ho Speaker 1: 李秀敏 Hsou-min Li Title: Protein translocation across the chloroplast envelope Speaker 2: 吳素幸 Shu-Hsing Wu Title: Sophisticated translation control optimizes a young seedling's skotomorphogenic and photomorphogenic development</p>
10:30-10:50	Break
10:50-12:10	<p>Chair: 三村徹郎 Tetsuro Mimura Speaker 3: 福田裕穂 Hiroo Fukuda Title: Regulation of vascular stem cell fates Speaker 4: 松林嘉克 Yoshikatsu Matsubayashi Title: Long distance peptide signaling critical for maintaining nitrogen homeostasis</p>
12:30-13:30	Lunch
13:30-14:50	<p>Chair: 楊長賢 Chang-Hsien Yang Speaker 5: 沈正韻 Jen Sheen Title: Hidden Dynamics and Landscape of Plant Signaling Networks Speaker 6: 施明哲 Shih, Ming-Che Title: Regulation of translation dynamics in Arabidopsis under submergence</p>
14:50-15:10	Break
15:10-16:30	<p>Chair: 木下俊則 Toshinori Kinoshita Speaker 7: Julian Schroeder Title: How plants sense and respond to the continuing increase in atmospheric CO<sub>2</sub></p>

	<b>Speaker 8: 篠崎一雄 Kazuo Shinozaki</b> <b>Title: Regulatory Gene Network in Drought Stress Responses and Tolerance</b>
16:30-16:50	<b>Closing</b>
16:50-18:00	<b>To Koyo-en</b>
18:00-20:30	<b>Gala Dinner</b>