Poster Presentation

Thursday
November 29
    12:50-13:55

Friday
November 30
    12:50-14:00

Thursday, November 29, 2018 (Odd 12:50 - 13:20／Even 13:25 - 13:55)

(1) Rice Production, Economy and Environment

P1-A-1 **Towards a More Sustainable Rice Crop: the Rice System Intensification (SRI) Experience in Chilean Temperate Japonica Rice**
Karla I CORDERO-LARA *(INIA Chile, Chile)*

P1-A-2 **Phosphorus Management for Transplanted Rice in Acid Soil: Seedling-Root-Dipping in SSP-Soil Slurry Method**
Sagolshem KALIDAS-SINGH *(Central Agricultural University (Imphal), India /*
Rain Forest Research Institute (FRI, Dehradun), India)

P1-A-3 **Research on Prices Fluctuation and Their Transmission of Chinese Grain Futures**
Liu KAI *(China Agricultural University, China)*

P1-A-4 **Boosting Upland Rice Production in the Philippines through Marker-Assisted Breeding for Tolerance to Phosphorus Deficiency**
Victoria C. LAPITAN *(Philippine Rice Research Institute (PhilRice), Philippines)*

(2) Nutrition, Epidemiology and Disease Prevention

P1-B-1 **Dietary Tricin Suppresses Inflammation-related Colon Carcinogenesis in Mice**
Takuji TANAKA *(Gifu Municipal Hospital, Japan)*

P1-B-2 **Anti-hypercholesterolemic and Anti-oxidative Effect of Germinated Rice in Rats**
Shahdat HOSSAIN*(Jahangirnagar University, Bangladesh)*

P1-B-3 **Rice Bran Protein Affects Urinary Metabolome Profile in Obese Type 2 Diabetic Rats**
Reiko WATANABE *(University of Niigata Prefecture, Japan)*

P1-B-4 **Estimated Glycemic Index of 13 Cultivars of High Quality Rice Bred in Taiwan**
Ya-Lin LEE *(Taiwan Agricultural Research Institute, Taiwan)*

P1-B-5 **Lipid Extract of Rice Bran Changes the Neural Morphology in Human Neuroblastoma Cell Line SH-SY5Y.**
Yurika MIYAZAKI *(Kyushu University, Japan)*

P1-B-6 **Evaluation of Postprandial Blood Glucose Response and Physical Properties of Cooked Rice of High Amylose Rice "Koshinokaori"**
Tomoko YAMAGUCHI *(Niigata University, Japan)*

P1-B-7 **Rice Bran Protein Suppresses Deterioration of Bone Microstructure and Strength in Obese Type 2 Diabetic Rats**
Masatoshi KUBOTA *(Niigata University of Pharmacy and Applied Life Sciences, Japan)*

P1-B-8 **A Novel Peptide Derived from Rice α-globulin Decreased Cholesterol Micellar Solubility in vitro and Inhibited Cholesterol Absorption in Rats**
Maihemuti MIJITI *(Gifu university, Japan)*

P1-B-9 Suppressive Mechanism of Postprandial Hyperglycemia by Rice Albumin

Aya HAMADA *(Nihon University, Japan)*

P1-B-10 Development of Colorectal-Targeted Tablet Containing Natural Purple Rice Bran Oil for Colorectal Chemoprevention

Chalermpong SAENJUM *(Chiang Mai University, Thailand)*

P1-B-11 The Study on Preventive Effect of Alzheimer's Disease by the Highly Water Pressurized Brown Rice in vivo

Michiaki OKUDA *(Green Tech Co. Ltd, Japan / Doshisha University, Japan)*

P1-B-12 Nutritional Value Evaluation of Local Rice Varieties in Northeastern Thailand

Grissana SUDTASARN *(Ubon Ratchathani Rice Research Center, Thailand)*

P1-B-13 Molecular Mechanisms Underlying the Promotion of Wound Repair by Vitamin E

Yosuke HORIKOSHI *(Tottori University, Japan)*

P1-B-14 Long-term Oral Intake of Ultra-high Hydrostatic Pressurizing Brown Rice Prevents Decline of Bone Mineral Density in Elderly Japanese

Kentaro MATSUZAKI *(Shimane University, Japan)*

P1-B-15 Mechanism of Synergistic Antioxidative Effect of Astaxanthin and Tocotrienol by Co-encapsulated in Liposomal Membranes

Kentaro KOGURE *(Tokushima University, Japan)*

P1-B-16 Effect of Continuous Ingestion of Dewaxed Brown Rice on the Cognitive Function of Elderly: Crossover Trial

Maya UENOBE *(The University of Nagano, Japan)*

(3) Processing Technologies and Macronutrrients

P1-C-1 Physicochemical Properties of Rice Starch During Microwave Heating for Food Product Quality

Nucharee KRONGWORAKUL *(Kasetsart University, Thailand)*

P1-C-2 Oligo-saccharification of Rice Straw and Husk by Cellulolytic Enzymes of Filamentous Fungi Isolated from Rice Straw Wastes

May Thin KYU *(Nagoya University, Japan / University of Yangon, Myanmar)*

P1-C-3 Metabolite Profiling of Rice Immersing Time and Polishing Ratio

Masaki SUZUKI *(Keio University, Japan)*

P1-C-4 Evaluation and Suppression of Retrogradation of Gelatinized Starch during Cold Storage with Additives

Yo OKAWA *(Nihon University, Japan)*

P1-C-5 Highly Water Pressurized Brown Rice and its Characteristics

Katsumi YOSHINO *(Shimane Institute for Industrial Technology, Japan)*

P1-C-6 **Instant Rice Production and Their Properties**

Kirana S. SASMITALOKA *(Ministry of Agruculture of Republic Indonesia, Indonesia /*
ICAPRD, Ministry of Agriculture, Indonesia)

(4) Phytonutrients

P1-D-1 **Glutamate Decarboxylase (GAD) Extracted from Germinated Rice: Enzymatic Properties and its Application in Soymilk**

Phaiwan PRAMAI *(Naresuan University, Thailand)*

P1-D-2 **Effect of Vitamin E Intake on Vitamin K Concentration in Rats**

Saiko IKEDA *(Nagoya University of Arts and Sciences, Japan)*

P1-D-3 **Physicochemical Characterization of Fermented Glutinous Rice Enriched with Aerva Leaves Extract**

Andriati NINGRUM *(Universitas Gadjah Mada, Indonesia)*

P1-D-4 **The Effect of Differences of Rice Soaking Time(Oryza Sativa Glutinosa) and Additional Extract Leaves (Pleomele Angustifo) on Physicochemical and Organoleptic Properties Tape Ketan**

Andriati NINGRUM *(Universitas Gadjah Mada, Indonesia)*

(5) Others

P1-E-1 **Toward Producing an Oleic Acid-fortified Rice**

Hiroaki SAIKA *(Institute of Agrobiological Sciences, National Agriculture and Food Research Organization (NARO), Japan)*

P1-E-2 **Development of Convenient Analysis Method of Rice Bran Storability Using near Infrared Spectroscopy**

Zenpei SHIGEMI *(TSUNO FOOD INDUSTRIAL CO., LTD., Japan)*

P1-E-3 **Presence of Unique γ-oryzanol Molecular Species in Rice Bran Oil**

Kazue SAWADA *(Tohoku University, Japan / TSUNO FOOD INDUSTRIAL CO., LTD., Japan)*

P1-E-4 **Simultaneous Analysis of Crude Rice Bran Oil Ingredients by Gel Permeation Chromatography**

Midori MATSUKI *(TSUNO FOOD INDUSTRIAL CO., LTD., Japan)*

P1-E-5 **The Rice Ink Made from Rice Bran Fatty Acid**

Takayuki MAEDA *(TSUNO FOOD INDUSTRIAL CO., LTD., Japan)*

P1-E-6 **Phytic Acid and Ferulic Acid from Rice Bran as Growth Promoters for Euglena Gracilis**

Jiangyu ZHU *(Kyushu Institute of Technology, Japan)*

P1-E-7 **Gluten-free Rice Breading Using Composited Rice Flour and Pre-germinated Brown Rice Flour for Health Benefits**
Warunee KUPKANCHANAKUL *(Kasetsart University, Thailand)*

P1-E-8 **Crystallization Kinetics of Rice Bran Oil**
Yayoi MIYAGAWA *(Kyoto Gakuen University, Japan)*

P1-E-9 **Investigation of Pigments in Thai Purple Rice Using EPR and HPLC**
Kouichi NAKAGAWA *(Hirosaki University, Japan / Chiang Mai University, Thailand)*

P1-E-10 **Neglected Cereals and Health: Sorghum (Sorghum bicolor L.) in Colonic Fermentation in vitro**
Samanthi W. PELPOLAGE *(Iwate University, Japan / Obihiro University Of Agriculture and Veterinary Medicine, Japan)*

(1) Rice Production, Economy and Environment

P2-A-1 **Stability of Selected Rice Genotypes under High Temperature Condition in Cagayan, Philippines**
Luvina B. MADRID *(Philippine Rice Research Institute, Philippines / Central Luzon State University, Philippines)*

P2-A-2 **Developing Rice Mutant Germplasm as Genetic Resources for Heat Tolerance**
Thelma F. PADOLINA *(Philippine Rice Research Institute, Philippines)*

P2-A-3 **Preparation of Low Oil Uptake Instant Noodle by the Addition of Rice Flour**
Hung-Yi SONG *(Agriculture & Food Agency Council of Agriculture Executive, Taiwan)*

(2) Nutrition, Epidemiology and Disease Prevention

P2-B-1 **Aromatic Rice as a Nutritious and Environment Friendly Alternative Variety of Rice for Consumption in Bangladesh**
Parvez I. HARIS *(De Montfort University, UK)*

P2-B-2 **Rice Milling Technology and Humans' Health.**
Keiji SAIKA *(Toyo rice corporation, Japan / Tokyo University of Agriculture, Japan)*

P2-B-3 **Effect of Dietary Octacosanol Administration on High Fructose-Induced Metabolic Syndrome in Rats**
Yoshiji OHTA *(Fujita Health University, Japan)*

P2-B-4 **Fermented Brown Rice and Rice Bran with Aspergillus Oryzae Induces Apoptosis in Jurkat Cells and Suppress Spontaneous Lymphomagenesis in AKR/NSlc Mice**
Hideyuki NEMOTO *(Genmaikoso Co., Ltd., Japan)*

P2-B-5 **Influence of Ultra-high Hydrostatic Pressurizing Brown Rice on Cognitive Functions and Mental Health of Elderly Japanese: a 2-year Randomized and Controlled Trial.**
Yoko KURODA *(Shimane University, Japan / Shimane University Hospital, Japan)*

P2-B-6 **Fantastic Nutritional Function of Germinated Brown Rice**
Hiroshi KAYAHARA *(Shinshu University, Japan)*

P2-B-7 **Effects of Ethanol Extract of Polished Rice on Aberrant Crypt Foci Formation and Cytokine Contents in the Colon of DMH-treated Mice**
Shinji YAMASHITA *(Obihiro University of Agriculture and Veterinary Medicine, Japan)*

P2-B-8 **Tocopheryl Succinate Liposomes Regulate Lipid Accumulation in 3T3-L1 Adipocytes**
Dai MAJIMA *(Graduate School of Pharmaceutical Sciences, Tokushima University, Japan)*

P2-B-9 **Comprehensive Screening of Dipeptide Libraries for Vasorelaxing Peptides in Aging-dependent Low-responsive Blood Vessel**
Daiki KOYAMA *(Kyoto University, Japan)*

P2-B-10 **The Effect of Tocotrienols on Antioxidant Defense System in High-fat Diet-treated Mice Brain**
Yugo KATO *(Shibaura Institute of Technology, Japan)*

P2-B-11 **Neuroprotective Effects of Tocotrienols**
Koji FUKUI *(Shibaura Institute of Technology, Japan)*

P2-B-12 **Changes in the Protein Expressions in Isolated Mitochondria of AD-transgenic and Long-term Vitamin E-deficient Mice**
Minae HASHIMOTO *(Shibaura Institute of Technology, Japan)*

P2-B-13 **Effects of Rice Protein Fractions on GLP-1 Secretion in Rats and Enteroendocrine Cells**
Tohru HIRA *(Hokkaido University, Japan)*

P2-B-14 **Flavonoid Shows Antioxidative Action through the Increasing Expression of Glutathione Peroxidase**
Susumu TAKEKOSHI *(Tokai University, Japan)*

P2-B-15 **Change of Digestibility, Bioactive Compounds and Antioxidant Property during Modification of Germinated Brown Rice's Starch Using Enzymatic Method**
Nguyen Cong HA *(Can Tho University, Viet Nam)*

P2-B-16 **Effect of γ-oryzanol on Body Weight/Body Fat in Ovariectomized Female Rats and High Fat Feeding Non-operated Female Rats**
Taro KISHIDA *(Ehime University, Japan)*

P2-B-17 **Inositol Improves Obesity-induced Fatty Liver and Hepatic Injury in Obese, Diabetic *db/db* Mice**
Nao INOUE *(Yamagata University, Japan / Saga University, Japan)*

(3) Processing Technologies and Macronutrrients

P2-C-1 **Production of *scyllo*-inositol: Conversion of Rice Bran into a Promising Disease-modifying Therapeutic Agent for Alzheimer's Disease**
Ken-ichi YOSHIDA *(Kobe University, Japan)*

P2-C-2 **Low-Protein Rice (LPR) Product: Processing Method and Product Safety**
Norihiro TAKEI *(Forica Foods Co.,Ltd., Japan)*

P2-C-3 **Assessment of Cryoprotective Activity of Dehydrin Protein from Rice Bran**
Michiko MOMMA *(Food Research Institute, NARO, Japan)*

P2-C-4 **Market-oriented and Nutrient-rich Rice-based Snack for Rice Farming Community's Nutrition and Income Needs**
Josefina F. BALLESTEROS *(Philippine Rice Research Institute, Philippines)*

P2-C-5 **New Processed White Rice by High-hydrostatic Pressure Treatment from Brown Rice and Biological Effect after Intake of the White Rice**
Tsubasa SATO *(Shinshu University, Japan)*

P2-C-6 **Development of the Technique to Produce the Low Phosphorus Rice**
Tasuku HATTORI *(Mie Prefecture Agricultural Research Institute, Japan)*

(4) Phytonutrients

P2-D-1   **Amounts of Glycosylinositol Phosphoceramide and Phytoceramide 1-phosphate in Vegetables**
Rumana Yesmin HASI *(Tokushima University, Japan)*

P2-D-2   **Evaluation and Prevention of Squalene Oxidation**
Naoki SHIMIZU *(Tohoku University, Japan)*

P2-D-3   **Phytic Acid Reduction through Induced Mutation: Improving the Quality Traits of Selected Azucena Mutant Lines**
Thelma F. PADOLINA *(Philippine Rice Research Institute, Philippines)*

(5) Others

P2-E-1   **Effect of Hydroxypropylated-Cornstarch on Cecal Fermentation and Lipid Metabolism in Rats**
Ryuji NAGATA *(Iwate University, Japan / Obihiro University of Agriculture and Veterinary Medicine, Japan)*

P2-E-2   **Microstructure, Water Migration and Texture of Thai Chalky Rice Varieties**
Savitree RATANASUMAWONG *(Kasetsart Univeristy, Thailand)*

P2-E-3   **The Physicochemical Properties and Utilization of Rice Bran and Rice Bran Oil for Value Adding**
Monthakan BOONPERMPOL *(Ministry of Agriculture and Cooperatives, Thailand)*

P2-E-4   **Volatile Aroma Compounds in Jasmine Rice as Affected by Degrees of Milling**
Wannee JIRAPAKKUL *(Kasetsart University, Thailand)*

P2-E-5   **Influence of Differences in Ingredients Contained in Salt on the Taste of Rice Cooked Food**
Kyoko ISHIKAWA *(Akita Prefectural University, Japan)*

P2-E-6   **Thinking on the Development Path of Shanxi Coarse Cereals Industrialization**
Shen LULING *(Shanxi Academy of Agricultural Sciences, China)*

P2-E-7   **Determination of Triacylglycerol Oxidation Mechanisms Using Liquid Chromatography-tandem Mass Spectrometry**
Shunji KATO *(Tohoku University, Japan / Tokai University School, Japan)*

P2-E-8   **The Impact on Government Management to Rice Production Growth**
Wang TIAN *(China Agricultural University, China)*

P2-E-9   **Gene Expression and Sequence Analysis of BADH1 Gene in CLSU Aromatic Rice (Oryza sativa L.) Acessions Subjected to Drought and Salinity Stress**
Resean R. LAPUZ *(Central Luzon State University, Philippines)*

P2-E-10   **Nucleotide Sequence Variation of Rice Tungro Viruses in the Philippines**
John Dave C. AQUINO *(Central Luzon State University, Philippines / Pioneer Hybred International, Philippines)*

P2-E-11   **Analysis of Glucosylceramides from Rice by Liquid Chromatography-Ion Trap Mass Spectrometry**
Tatsuya SUGAWARA *(Kyoto University, Japan)*

P2-E-12   **Differential Gene Expression Analysis of Stress-Responsive Rice (Oryza sativa L.) LMS Mutant Using RNA-Seq-Based Approach**
Jerwin R. UNDAN *(Central Luzon State University, Philippines)*