

Thursday  
November **29**

**Thursday, November 29, 2018****Room A**

## ■ Welcome

9:00-9:20

**Room A**

## ■ Keynote I

9:20-9:50

Chair: **Makoto SAKAI** (*Institute of Crop Science, NARO, Japan*)

K1

**Global Impact of Rice and Rice Bran Oil in Human Health Promotion****Teruo MIYAZAWA** (*Tohoku University, Japan*)**Room A**

## ■ Keynote II

9:50-10:20

Chair: **Kishio NANJO** (*Wakayama Rosai Hospital, Japan*)

K2

**Rice in the Eastern Culture -A Quest for Global Health-****Chisho NAMAI** (*Koyasan University, Japan*)**Room A**

## ■ Coffee break

10:20-10:30

**Room A**

## ■ Keynote III

10:30-11:00

Chair: **Teruo MIYAZAWA** (*Tohoku University, Japan*)

K3

**Rice: Importance for Global Nutrition****Naomi K FUKAGAWA** (*USDA Agricultural Research Service, USA*)**Room A**

## ■ Symposium I (Production, Economy and Environment)

11:00-12:40

Chairs: **Harold ROY-MACAULEY** (*Africa Rice Center, Benin*)**Makoto SAKAI** (*Institute of Crop Science, NARO, Japan*)

S1-1

**Contemporary Global Rice Economies: Structural Changes of Rice Production/Consumption and Trade****Shoichi ITO** (*Kyushu University, Japan*)

S1-2

**IRRI's 60-year Contribution to World Rice Production through Harnessing Rice Genetic Diversity****Ajay KOHLI** (*International Rice Research Institute, Philippines*)

**S1-3 Seed Research on the World Rice Collection Held at IRRI Genebank**

**Jae-Sung LEE** (*International Rice Research Institute, Philippines*)

**S1-4 Current Situation of Rice Production in Japan**

**Kana SAGUCHI** (*National Federation of Agricultural Cooperative Associations (ZEN-NOH), Japan*)

**S1-5 Rice: Grain of Hope and Health in Africa**

**Harold ROY-MACAULEY** (*Africa Rice Center, Benin*)

**1F Swan/Room B-1**

■ **Lunch / Poster Presentation**

**12:40-14:00**

**Room A**

■ **Keynote IV**

**14:00-14:30**

**Chair: Tsukasa MATSUDA** (*Nagoya University, Japan*)

**K4 FAO and the Situation of World Food Security and Nutrition**

**Mbuli Charles BOLIKO** (*Food and Agriculture of the United Nations (FAO), Japan*)

**Room A**

■ **Symposium II (Nutrition, Epidemiology and Disease Prevention)** **14:30-15:50**

**Chairs: Satoshi SASAKI** (*The University of Tokyo, Japan*)

**Michihiro SUGANO** (*Kyushu University, Japan/Prefectural University of Kumamoto, Japan*)

**S2-1 'Washoku' as a Healthy and Longevity Cuisine – Secrets of Cooking Methods for Delicious Meals –**

**Kazuo TAKAGI** (*'Kyoto cuisine TAKAGI', Japan*)

**S2-2 JAPAN Diet and Health-The Present and Future-**

**Tamio TERAMOTO** (*Teikyo University, Japan*)

**S2-3 Preventive Effect of Polyunsaturated Fatty Acids and Vitamin E in Rice Bran Oil on Lifestyle Related Disease**

**Yoko FUJIWARA** (*Ochanomizu University, Japan*)

**S2-4 Japanese Diet and the Health from the Viewpoint of Nutritional Epidemiologic Studies**

**Satoshi SASAKI** (*The University of Tokyo, Japan*)

## Room A

15:50-17:50

### ■ Oral Communication

**Chairs:** Yasushi ENDO (*Tokyo University of Technology, Japan*)

Tsuyoshi TSUDUKI (*Tohoku University, Japan*)

**OC-1 The Effect of Staple Foods on the Aging of Mice**

Tsuyoshi TSUDUKI (*Tohoku University, Japan*)

**OC-2 Mediators of the Effects of Rice Intake on Health: The Benefit of a Traditional Japanese Diet Centered on Rice**

Minori KOGA (*National Defense Medical College, Japan / Hokkaido University, Japan*)

**OC-3 Correlation between Rice Consumption and Incidence of Different Cancers: an Analysis of Data from 162 Different Countries**

Fatima R. HARIS (*Cardiff University / De Montfort University, UK*)

**OC-4 Oligosaccharides Preparation from Rice Bran Arabinoxylan by Two Different Endoxylanase Commercial Enzymes**

Pinthip RUMPAGAPORN (*Kasetsart University, Thailand*)

**OC-5 Physico-chemical Analysis to Evaluate the Quality of Rice Bran Oil**

Yasushi ENDO (*Tokyo University of Technology, Japan*)

**OC-6 Value Creation and Addition of Rice and its Significance to Thai Culture**

Riantong SINGANUSONG (*Naresuan University, Thailand*)

**OC-7 History of Tsuno's Technology Development**

~ Footprint of Utilizing Rice Bran for People's Health and Beauty ~

Mayu AIZAWA (*TSUNO FOOD INDUSTRIAL CO., LTD., Japan*)

**OC-8 Beyond Rice Bran Science: How to Change the World with Rice Bran Nutraceuticals**

Bill SARDI (*Knowledge of Health, Inc., USA*)

## 1F Sakura

### ■ Banquet

18:00-20:00

Friday  
November 30

Friday, November 30

## Friday, November 30, 2018

### Room A

#### ■ Keynote V-1

9:00-9:20

Chair: Teruo MIYAZAWA (*Tohoku University, Japan*)

#### K5-1 Immunomodulatory Function of Rice Components

Masako TODA (*Tohoku University, Japan*)

### Room A

#### ■ Keynote V-2

9:20-9:40

Chair: Motoni KADOWAKI (*Niigata Institute of Technology, Japan*)

#### K5-2 Rice Flour as a Promising Food Material for Nutrition and Health

Tsukasa MATSUDA (*Nagoya University, Japan*)

### Room A

#### ■ Symposium III-1 (Macronutrients)

9:40-11:20

Chairs: Alison LOVEGROVE (*Rothamsted Research, UK*)

Motoni KADOWAKI (*Niigata Institute of Technology, Japan*)

#### S3-1-1 New Physiological Functions of Rice Proteins of Endosperm and Bran

Motoni KADOWAKI (*Niigata Institute of Technology, Japan*)

#### S3-1-2 Activation of the Endogenous Antioxidative System by Rice Protein through Nrf2 Pathway

Lin YANG (*Harbin Institute of Technology, China*)

#### S3-1-3 Improving Rice Dietary Fibre Content and Composition for Human Health

Alison LOVEGROVE (*Rothamsted Research, UK*)

#### S3-1-4 Bio-functionality of Super-hard Rice with Long-chain Amylopectin

Ken'ichi OHTSUBO (*Niigata University of Pharmacy and Applied Life Sciences, Japan*)

#### S3-1-5 Nutrigenomics Study of the Functionality of Heat-Moisture Treated Brown Rice

Hisanori KATO (*The University of Tokyo, Japan*)

**Room A**

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| <b>■ Symposium III-2 (Clinical studies)</b> | <b>11:20-12:20</b> |
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**Chairs:** Michio HASHIMOTO (*Shimane University Faculty of Medicine, Japan*)

Sankar DEVARAJAN (*University of Arkansas at Pine Bluff, USA*)

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| <b>S3-2-1</b> | <b>Effects of Ultra-high Hydrostatic Pressurizing Brown Rice on Health Life Span of Elderly Japanese: a 2-year Randomized and Controlled Trial</b> |
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Michio HASHIMOTO (*Shimane University Faculty of Medicine, Japan*)

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| <b>S3-2-2</b> | <b>Rice Bran Oil and Sesame Oil Blend Lowers Hyperglycaemia and Improves Lipids in Patients with Type 2 Diabetes Mellitus</b> |
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Sankar DEVARAJAN (*University of Arkansas at Pine Bluff, USA*)

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| <b>S3-2-3</b> | <b>Gamma-oryzanol for Behavioral and Psychological Symptoms of Dementia</b> |
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Masahiko FUJII (*Sendai Tomizawa Hospital, Japan*)

**1F Swan/Room B-1**

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| <b>■ Lunch / Poster Presentation</b> | <b>12:20-14:10</b> |
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**Room A**

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| <b>■ Keynote VI</b> | <b>14:10-14:40</b> |
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**Chair:** Kiyotaka NAKAGAWA (*Tohoku University, Japan*)

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| <b>K6</b> | <b>Anticancer Activity of Inositol and Inositol Hexaphosphate</b> |
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Ivana VUCENIK (*University of Maryland School of Medicine, USA*)

**Room A**

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| <b>■ Symposium IV (Phytonutrients)</b> | <b>14:40-16:00</b> |
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**Chairs:** Riantong SINGANUSUNG (*International Association of Rice Bran Oil, Thailand*)

Tatsuya MATSURA (*Tottori University, Japan*)

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| <b>S4-1</b> | <b>Protective Effect of Tocotrienol on <i>in vitro</i> and <i>in vivo</i> Models of Parkinson's Disease</b> |
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Tatsuya MATSURA (*Tottori University, Japan*)

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| <b>S4-2</b> | <b>New Technologies in Rice Derivatives</b> |
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Cecilia ANSELMINI (*Siena University, Italy*)

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| <b>S4-3</b> | <b>Myo-inositol for the Prevention of Gestational Diabetes Mellitus</b> |
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Rosario D'ANNA (*Messina University, Italy*)

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| <b>S4-4</b> | <b>Absorption and Metabolic Fate of <math>\gamma</math>-Oryzanol</b> |
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Kiyotaka NAKAGAWA (*Tohoku University, Japan*)

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**Room A**

■ Awards Ceremony

16:00-16:40

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**Room A**

■ Closing

16:40-16:50