

---

# JASSO • AOCO Special Lectures

---

October 2 (Fri.) 14 : 50–15 : 40 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

## JASSO • AOCO Special Lecture 1

Relay to Hall 8 (International Conference Room, 3F, Bldg. 3)

Chair : Yasuhiko Minokoshi

*National Institute for Physiological Sciences, Japan*

### **SL1-1** Molecular architecture of the circadian clock in mammals

Joseph S. Takahashi

*Howard Hughes Medical Institute, Department of Neuroscience, University of Texas Southwestern Medical Center, USA*

October 2 (Fri.) 15 : 40–16 : 30 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

## JASSO • AOCO Special Lecture 2

Relay to Hall 8 (International Conference Room, 3F, Bldg. 3)

Chair : Masatomo Mori

*Kitakanto Molecular Novel Research Institute for Obesity and Metabolism, Japan*

### **SL2-1** Deciphering neural circuits that control appetite

Richard D. Palmiter

*Howard Hughes Medical Institute and Department of Biochemistry, University of Washington, USA*

October 3 (Sat.) 10 : 50–11 : 40 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

## JASSO • AOCO Special Lecture 3

Relay to Hall 8 (International Conference Room, 3F, Bldg. 3)

Chair : Kazuwa Nakao

*Medical Innovation Center, Kyoto University Graduate School of Medicine, Japan*

### **SL3-1** Bariatric surgery: It's not what you think it is. Molecular Targets for the effects of bariatric surgery on behavior and metabolism

Randy J. Seeley

*Department of Surgery, University of Michigan, USA*

October 4 (Sun.) 11 : 00–11 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

## JASSO • AOCO Special Lecture 4

Chair : Masato Kasuga

*National Center for Global Health and Medicine, Japan*

### **SL4-1** Prevention of global obesity epidemic: From science to policy

Frank B. Hu

*Department of Nutrition and Epidemiology, Harvard T.H. Chan School of Public Health, USA  
Department of Medicine, Harvard Medical School, USA*

October 2 (Fri.) 12 : 00-13 : 00 Room 437 (3F, Bldg. 4)

---

## AOASO Council Meeting

---

October 2 (Fri.) 16 : 40-16 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## AOCO Opening Remarks

---

Masato Kasuga

*National Center for Global Health and Medicine, Japan*

Kazuwa Nakao

*Medical Innovation Center, Kyoto University Graduate School of Medicine, Japan*

October 2 (Fri.) 16 : 50-18 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## AOCO International Symposium 1 "Obesity: Risk Factor and Disease"

Chairs : Yuji Matsuzawa

*Sumitomo Hospital, Japan*

Takashi Kadowaki

*Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan*

---

### **IS1-1** Epidemiology of obesity in Asia-Oceania

Mohd Ismail Noor

*School of Hospitality, Tourism and Culinary Arts, Taylor's University, Malaysia*

### **IS1-2** Obesity and obesity disease

Yuji Matsuzawa

*Sumitomo Hospital, Japan*

### **IS1-3** Metabolic syndrome & obesity in Korea: Risk factors

Moon-Kyu Lee

*Sungkyunkwan University School of Medicine, Republic of Korea*

### **IS1-4** Is obesity a disease?

Timothy P. Gill

*Boden Institute, Charles Perkins Centre, University of Sydney, Australia*

October 3 (Sat.) 7 : 30-8 : 20 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## AOCO Morning Seminar 1 "Advance and unmet medical needs in insulin treatment"

Sponsored by Sanofi K.K.

Chair : Eiichi Araki

*Department of Metabolic Medicine, Faculty of Life Sciences, Kumamoto University, Japan*

Munehide Matsuhisa

*Diabetes Therapeutics and Research Center, Tokushima University, Japan*

October 3 (Sat.) 8:30-10:40 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

## JASSO · AOCO Joint Symposium 1 "Obesity Surgery"

Relay to Hall 8 (International Conference Room, 3F, Bldg. 3)

Chairs : Tohru Tani

*Biomedical Innovation Center, Shiga University of Medical Science, Japan*

Wei Jei Lee

*Department of Surgery, Min-Sheng General Hospital, National Taiwan University, Taiwan*

### **JS-1-1** Asian status of metabolic surgery especially against type 2 diabetes mellitus

Wei-Jei Lee

*Department of Surgery, Min-Sheng General Hospital, National Taiwan University, Taiwan*

### **JS-1-2** Bariatric surgery: Worldwide and Asian indications

Kazunori Kasama

*Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube, Japan*

### **JS-1-3** Mechanism of anti-diabetic effect of the metabolic surgery

Takeshi Naitoh

*Department of Surgery, Tohoku University Graduate School of Medicine, Japan*

### **JS-1-4** The outcome of the effectiveness and safety of bariatric and metabolic surgery in Japan studied with Japanese registry by JSTO

Shinichi Okazumi

*Department of surgery, Toho University Sakura medical center, Japan  
JSTO Database Committee, Japan*

Commentator : Shashank Shah

*International Centre of Excellence for Metabolic and Bariatric Surgery, Laparo-Obeso Centre, India*

October 3 (Sat.) 12:00-12:50 Hall 8 (International Conference Room, 3F, Bldg. 3)

## AOCO Luncheon Seminar 1 "Regulation of energy homeostasis in insulin's target organs and pathogenesis of insulin resistance"

Sponsored by MSD K.K.

Chair : Iichiro Shimomura

*Department of Metabolic Medicine, Internal Medicine, Graduate School of Medicine Osaka University, Japan*

Wataru Ogawa

*Division of Diabetes and Endocrinology, Kobe University Graduate School of Medicine, Japan*

October 3 (Sat.) 13:00-13:45 Hall 8 (International Conference Room, 3F, Bldg. 3)

## AOCO Oral Session

Chairs : Shuji Inoue

*Department of Clinical Nutrition, Faculty of Health Care, Kiryu University, Japan*

Roberto C. Mirasol

*St. Luke's Medical Center, Section of Endocrinology, Diabetes and Metabolism, Philippines*

### **OS-1** The histone acetyltransferase GCN5 regulates hepatic gluconeogenesis through CITED2-dependent substrate switch

Mashito Sakai

*Department of Molecular Metabolic Regulation, Diabetes Research Center, Research Institute, National Center for Global Health and Medicine, Japan*

### **OS-2** Association of eating behavior with BMI, body fat composition, and physical activity in selected filipino children, 9 -12 years of age

Mildred A. Udarbe

*Nutrition Research and Development Group, Food and Nutrition Research Institute-Department of Science and Technology, Philippines*

### **OS-3** Prevalence of human adenovirus-36 (Ad-36) infection in Hong Kong Chinese school children and its association with obesity

Alice Pik Shan Kong

*Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong*

October 3 (Sat.) 13:50-14:10 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

## Nagoya Declaration 2015

Relay to Hall 8 (International Conference Room, 3F, Bldg. 3)

October 3 (Sat.) 14:20-17:10 Hall 8 (International Conference Room, 3F, Bldg. 3)

## AOCO International Symposium 2

### "Epidemiology and Prevention/Treatment Strategies in Each Country"

Chairs : Kazuyo Tsushita

*Aichi Health Promotion Public Interest Foundation Comprehensive Science Center, Japan*

Kuo-Chin Huang

*Department of Family Medicine, National Taiwan University Hospital, Taiwan*

#### **IS2-1** TBD

Shashank Shah

*International Centre of Excellence for Metabolic and Bariatric Surgery, Laparo-Obeso Centre, India*

#### **IS2-2** Progress on addressing obesity in Australia

Timothy P. Gill

*Boden Institute, Charles Perkins Centre, University of Sydney, Australia*

#### **IS2-3** Obesity in Hong Kong: Epidemiology and prevention strategies

Francis CC Chow

*Hong Kong Association for the Study of Obesity*

*Division of Endocrinology & Diabetes, Department of Medicine & Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong, Hong Kong*

**IS2-4** TBD

Saksono Harbuwono

*Indonesian Society for the study of Obesity, Indonesia***IS2-5** A nation-wide lifestyle intervention system in Japan that focuses on the metabolic syndrome:  
The specific health guidance

Kazuyo Tsushita

*Comprehensive Health Science Center, Aichi Prefecture, Japan***IS2-6** Metabolic syndrome in Korea: Epidemiology & prevention strategies

Moon-Kyu Lee

*Sungkyunkwan University School of Medicine, Republic of Korea***IS2-7** Obesity in the Philippines

Roberto C. Mirasol

*St. Luke's Medical Center, Philippines***IS2-8** Epidemiology and prevention/treatment strategies of obesity in Singapore

Kwang-Wei Tham

*Department of Endocrinology, Singapore General Hospital, Singapore***IS2-9** Epidemiology and prevention/treatment strategies of obesity in Taiwan

Kuo-Chin Huang

*Department of Family Medicine, National Taiwan University Hospital, Taiwan***IS2-10** Obesity epidemic in Malaysia : Issues and challenges

Mohd Ismail Noor

*School of Hospital, Tourism and Culinary Arts, Taylor's University, Malaysia*

October 3 (Sat.) 14 : 20-16 : 20 Hall 1 (Shirotori Hall, 1F, Bldg. 4)

**JASSO · AOCO Joint Symposium 2**  
**"Obesity and Inflammation"**

Sponsored by Takeda Pharmaceutical Company Limited

Chairs : Jae Bum Kim

*School of Biological Science, Institute of Molecular Biology & Genetics, Seoul National University, Republic of Korea*

Yoshihiro Ogawa

*Department of Molecular Endocrinology and Metabolism, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan***JS-2-1** Role of parenchymal-stromal cell interaction in obesity-induced chronic inflammation

Takayoshi Suganami

*Department of Molecular Medicine and Metabolism, Research Institute of Environmental Medicine, Nagoya University, Japan  
Department of Molecular Endocrinology and Metabolism, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan  
PRESTO, Japan Science and Technology Agency, Japan***JS-2-2** Positive loop of adiponectin/T-cadherin for tissue defense, and Adipose Tregs' regulation

Ichihiro Shimomura

*Department of Metabolic Medicine, Internal Medicine, Graduate School of Medicine, Osaka University, Japan***JS-2-3** Immune regulation of homeostasis and inflammation in adipose tissue

Ichihiro Manabe

*Department of Cardiovascular Medicine, The University of Tokyo Graduate School of Medicine, Japan*

**JS-24** Dysregulation of Adiponectin gene expression in obesity

Jae Bum Kim

*School of Biological Science, Institute of Molecular Biology & Genetics, Seoul National University, Republic of Korea*

October 3 (Sat.) 16 : 20-17 : 20 Poster Area (Event Hall, 1F, Bldg. 1)

**AOCO Poster Presentation**

October 3 (Sat.) 17 : 20-18 : 10 Hall 8 (International Conference Room, 3F, Bldg. 3)

**AOCO Evening Seminar****"Impact of SGLT-2 inhibitors for the treatment of type 2 diabetic patients"**

Sponsored by Astellas Pharma Inc.

Kotobuki Pharmaceutical Co., Ltd.  
MSD K.K.

Chair : Kazuyuki Tobe

*First Department of Internal Medicine, Graduate School of Medicine and Pharmaceutical Sciences for Research, University of Toyama, Japan*

Masafumi Matsuda

*Department of Endocrinology and Diabetes, Saitama Medical Center, Saitama Medical University, Japan*

October 4 (Sun.) 6 : 50-7 : 50 Hall 5 (131+132, 3F, Bldg. 1)

**AOCO Demonstrative and Participative Yoga Session**

Instructor : Pallavi Sodhi Patankar

*All India Association for Advancing Research in Obesity*

October 4 (Sun.) 8 : 00-8 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

**AOCO Morning Seminar 2****"Targeting obesity in management of diabetes: potential role of incretin-based therapies"**

Sponsored by Novo Nordisk Pharma Ltd.

Chair : Toshimasa Yamauchi

*Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan*

Koutaro Yokote

*Department of Diabetes, Metabolism and Endocrinology, Graduate School of Medicine, Chiba University, Japan*

## AOCO Rising-Star Symposium in Asia-Oceania

Sponsored by MSD K.K.

Chairs : Ichiro Shimomura

*Department of Metabolic Medicine, Graduate School of Medicine, Osaka University, Japan*

Kwang-Wei Tham

*Department of Endocrinology, Singapore General Hospital, Singapore*

- 
- RS-1** Adipose tissue location and Adipocyte morphology as major determinants of obesity related metabolic and Atherosclerotic consequences  
Soumitra Ghosh  
*Department of Internal Medicine, Obesity and Lifestyle Diseases Division, Institute of Post-Graduate Medical Education and Research, India*
- RS-2** Fast weight loss does not reduce muscle strength or bone mineral density compared with slow weight loss in obese post-menopausal women  
Radhika Virginia Seimon  
*NHMRC Early Career Research Fellow, University of Sydney, Australia  
The Boden Institute of Obesity, Nutrition, Exercise and Eating Disorders*
- RS-3** Low testosterone level in cardiometabolic disease  
Kitty Kit Ting Cheung  
*Division of Endocrinology and Diabetes, The Chinese University of Hong Kong, Hong Kong*
- RS-4** Crystal structures of the human adiponectin receptors  
Masato Iwabu  
*Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan  
PRESTO, Japan Science and Technology Agency, Japan*
- RS-5** Identification of an orexigenic serotonergic circuit  
Jong-Woo Sohn  
*Department of Biological Sciences, Korea Advanced Institute of Science and Technology, Republic of Korea*
- RS-6** Sexually dimorphic responses of infant growth to maternal antioxidant levels during pregnancy  
See Ling Loy  
*KK Research Centre, KK Women's and Children's Hospital, Singapore*
- RS-7** Outcome of the weight management program (therapeutic phase) among overweight and obese adult Filipinos  
Maria Katrina Mallonga-Palanganin  
*Section of Endocrinology, Diabetes and Metabolism, Department of Medicine, St. Luke's Medical Center, Philippines*
- RS-8** Pathway to insulin resistance differs among major Asian ethnic groups  
Khoo Chin Meng  
*Department of Medicine, National University Hospital, Singapore  
Yong Loo Lin School of Medicine, Singapore DUKE-NUS Graduate School of Medicine, Singapore*
- RS-9** High serum selenium levels are associated with prevalence of diabetes independent of central obesity and insulin resistance  
Chia-Wen Lu  
*Department of Family Medicine, National Taiwan University Hospital, Taiwan*

October 4 (Sun.) 11 : 00-11 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## JASSO · AOCO Special Lecture 4

Chair : Masato Kasuga

*National Center for Global Health and Medicine, Japan*

---

### **SL4-1** Prevention of global obesity epidemic: From science to policy

Frank B. Hu

*Department of Nutrition and Epidemiology, Harvard T.H. Chan School of Public Health, USA*

*Department of Medicine, Harvard Medical School, USA*

---

October 4 (Sun.) 12 : 00-12 : 50 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## AOCO Luncheon Seminar 2

### "Evolution and Deepening of Adiposcience: From the point of view of adipocytokines"

Sponsored by Takeda Pharmaceutical Company Limited

Chair : Yuji Matsuzawa

*Sumitomo Hospital, Japan*

---

Noriyuki Ouchi

*Molecular Cardiovascular Medicine, Nagoya University Graduate School of Medicine, Japan*

---

October 4 (Sun.) 12 : 50-13 : 00 Hall 8 (International Conference Room, 3F, Bldg. 3)

---

## AOCO Closing Remarks

---

Shigeru Miyazaki

*Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan*