October 2 (Fri.)  8:50-9:00  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

JASSO Opening Remarks

October 2 (Fri.)  13:10-14:00  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

JASSO General Assembly

October 2 (Fri.)  14:00-14:20  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

JASSO Presidential Proposal
Chair: Shigeru Miyazaki
Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan

Masato Kasuga
National Center for Global Health and Medicine, Japan

October 2 (Fri.)  14:20-14:50  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

JASSO36 Chairperson's Lecture
Chair: Masato Kasuga
National Center for Global Health and Medicine, Japan

Yasuhiko Minokoshi
National Institute for Physiological Sciences, Japan

October 3 (Sat.)  13:00-13:50  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

JASSO Award Ceremony and Lectures
Chair: Takashi Kadowaki
Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan

Hitoshi Nishizawa
Department of Metabolic Medicine Osaka University Graduate School of Medicine, Japan

Hiroshi Inoue
Metabolism and nutrition research unit, Innovative Integrated Bio-Research Core, Institute for Frontier Science Initiative, Kanazawa University, Japan

October 3 (Sat.)  17:20-17:30  Poster Area (Event Hall, 1F, Bldg. 1)

JASSO Closing Remarks
JASSO Symposium 1
"New Guideline for the Management and Treatment of Obesity Disease"

Chairs: Shigeru Miyazaki  
Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan  
Masato Kasuga  
National Center for Global Health and Medicine, Japan

S-1-1 The aim of New guidelines for management of Obesity and Obesity disease
Shigeru Miyazaki  
Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan

S-1-2 The Judgment of Obesity and the Criteria for Obesity Disease
Tadashi Nakamura  
Kawasaki Hospital, Japan

S-1-3 Epidemiology of Obesity
Yoshihiro Miyamoto  
Department of Preventive Cardiology, National Cerebral and Cardiovascular Center, Japan

S-1-4 Management of obesity disease
Koutaro Yokote  
Department of Medicine, Chiba University Graduate School of Medicine, Japan

S-1-5 Therapy for Obesity-induced Disorders
Yoshihiro Ogawa  
Department of Molecular Endocrinology and Metabolism, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

S-1-6 Preventive Medicine for Obesity diseases
Kazuyo Tsushita  
Aichi Comprehensive Health Science Center, Japan

JASSO Symposium 2
"Future direction of the prevention and treatment of pediatric obesity in Japan"

Chairs: Tomoo Okada  
Department of Nutrition and Life Science, Kanagawa Institute of Technology, Japan  
Mitsuhiko Hara  
Tokyo Metropolitan Hiroo General Hospital Department of Pediatrics, Japan

S-2-1 New Diagnostic Criteria for Obesity Disease in Japanese Children
Mitsuhiko Hara  
Tokyo Metropolitan Hiroo General Hospital Department of Pediatrics, Japan

S-2-2 Issues in overweight/obesity in early childhood–Cohort study
Osamu Arisaka  
Departments of Pediatrics, Dokkyo Medical University, Japan
S-2-3  Long-term prognosis of obese Japanese children  
Kenji Togashi  
Faculty of Health and Physical Education, Mie University, Japan  
Institute for Clinical Research, Mie National Hospital, Japan

S-2-4  Cognitive behavioral therapy for obese children  
Norihiko Uchida  
Department of Pediatrics, Faculty of Medicine, Yamanashi University, Japan

October 2 (Fri.)  9:00-10:30  Hall 3 (Reception Hall (West), 4F, Bldg. 1)

JASSO Symposium 3  
"Organ failure in obesity"  
Chairs: Kazuyuki Tobe  
First Department of Internal Medicine, Graduate School of Medicine and Pharmaceutical Sciences for Research, Toyama University, Japan  
Iichiro Shimomura  
Department of Metabolic Medicine, Graduate School of Medicine, Osaka University, Japan

S-3-1  The mechanism of fatty liver-associated hepatic cancer development: Involvement of obesity-induced gut microbiota  
Naoko Ohtani  
Department of Applied Biological Science, Faculty of Science and Technology, Tokyo University of Science PRESTO, Japan Science and Technology Agency, Japan

S-3-2  Pathological role of metabolic dysfunction in cardio-vascular disorders  
Ippei Shimizu  
Department of Cardiovascular Biology and Medicine, Division of Molecular Aging and Cell Biology, Niigata University Graduate School of Medical and Dental Sciences, Japan

S-3-3  Obesity and kidney  
Motoko Yanagita  
Department of Nephrology, Kyoto University Graduate School of Medicine, Japan

S-3-4  Pathophysiology and treatment of obese adipose tissues  
Atsunori Fukuhara  
Department of Metabolic Medicine Osaka University Graduate School of Medicine, Japan

S-3-5  TBD  
Isao Usui  
First department of internal medicine, University of Toyama, Japan

October 2 (Fri.)  10:30-12:00  Hall 2 (Reception Hall (East), 4F, Bldg. 1)

JASSO Symposium 4  
"Obesity and molecular targets of foods"  
Chairs: Teruo Kawada  
Division of Food Science and Biotechnology, Graduate School of Agriculture, Kyoto University, Japan  
Masayuki Saito  
Hokkaido University, Japan

S-4-1  Molecular targets for preventing obesity by foods –Bile acid receptor TGR5 and FGF21–  
Ryuichiro Sato  
Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan
S-4-2  Mechnisms underlying the improvement of obesity-induced metabolic dysfunctions via PPARα activation
Tsuyoshi Goto
Graduate School of Agriculture, Kyoto University, Japan
The Center for the Promotion of Interdisciplinary Education and Research, Kyoto University, Japan

S-4-3  Natural compounds and food ingredients activating the TRP–BAT axis in humans
Takeshi Yoneshiro
Graduate School of Veterinary Medicine, Hokkaido University, Japan

S-4-4  Possible involvement of soft diet in insulin resistance and lipid metabolism
Sayaka Akieda
Frontier Science Research Center, University of Miyazaki, Japan

S-4-5  DNA Methylation-based Epigenetic Memory and DOHaD Hypothesis
Koshi Hashimoto
Department of Preemptive Medicine and Metabolism, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

October 2 (Fri.)  10:30-12:00 Hall 3  (Reception Hall (West), 4F, Bldg. 1)

JASSO Symposium 5
"Addiction and Obesity: Cutting edge approach from interdisciplinary science"

Chairs: Hiroaki Masuzaki
Second Department of Internal Medicine, Endocrinology, Diabetes and Metabolism, Hematology and Rheumatology, University of the Ryukyus, Graduate School of Medicine, Japan

Tadahiro Kitamura
Institute for Molecular and Cellular Regulation, Gunma University, Japan

S-5-1  Keynote Lecture
Sweet Taste cognition and energy metabolism
Keiko Abe
Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan
Kanagawa Academy of Science and Technology, Japan

S-5-2  Brain mechanism of taste reward–reinforced behavior in sugar overconsumption
Yasunobu Yasoshima
Div. of Behav. Physiol., Dept. of Behav. Sci., Grad. Sch. of Human Sci., Osaka Univ., Japan

S-5-3  Natural food-based novel approach for addition to animal fat–rich diets
Chisayo Kozuka
Division of Endocrinology, Diabetes and Metabolism, Hematology, Rheumatology (Second Department of Internal Medicine), Graduate School of Medicine, University of the Ryukyus, Japan

S-5-4  Food preference regulation by NMDA receptor co-agonists.
Tsutomu Sasaki
Laboratory of Metabolic Signal, Institute for Molecular and Cellular Regulation, Gunma University, Japan
October 2 (Fri.)  16:50-18:50  Hall 1 (Shirotori Hall, 1F, Bldg. 4)

**JASSO Symposium 6**
"Drug therapy for obese type 2 diabetes mellitus"

Chairs: Wataru Ogawa  
Kobe University Graduate School of Medicine, Department of Internal Medicine Division of Diabetes and Endocrinology, Japan  
Hiroshi Maegawa  
Shiga University of Medical Science, Department of Medicine, Division of Diabetology, Endocrinology, Nephrology and Neurology, Japan

**S-6-1** Metformin, an old, but new drug as the choice of anti-obesity drug in Japan  
Ken-ichi Nemoto  
Department of Medicine, Shiga University of Medical Science, Japan

**S-6-2** Thiazolidinedione and ectopic fat  
Yoshifumi Tamura  
Department of Metabolism & Endocrinology, Sportology Center, Juntendo University Graduate School of Medicine, Japan  
Department of Global Health Service, Juntendo University Faculty of International Liberal Arts, Japan

**S-6-3** Usefulness of GLP–RA as obesity and diabetes treatment  
Kazuhiko Sakaguchi  
Division of Diabetes and Endocrinology, Department of Internal Medicine, Kobe University Graduate School of Medicine, Japan

**S-6-4** The SGLT2 inhibitor decreases body weight by inducing visceral fat tissue loss in the early stage of treatment  
Izuru Masuda  
Takeda Preventive Medical & EBM Center, Japan

October 3 (Sat.)  8:30-10:30  Hall 2 (Reception Hall (East), 4F, Bldg. 1)

**JASSO Symposium 7**
"Important roles of JASSO certified lifestyle advisers in clinical practice"

Chairs: Kazuyo Tsushita  
Aichi Comprehensive Health Science Center, Japan  
Yoshiko Sano  
Kanagawa University of Human Services, Japan

**S-7-1** How to relate with severe obesity patients -Problems of nutrition counselling-  
Chieri Shibasaki  
Tokyo Women's Medical University Hospital Nutrition, Japan

**S-7-2** Nutritional care and the related problem in obese children  
Kumiko Kameyama  
Department of Nutrition, Nihon University Itabashi Hospital, Japan

**S-7-3** n action as a physical therapist in health guidance–The health guidance which we considered for various kinds of merger for obesity–  
Shinzou Morimoto  
Department of Rehabilitation, Nanki Shirahama Onsen Rehabilitation Centre of Shirahama Hamayu Hospital, Japan

**S-7-4** Activities of Educators for Lifestyle Improvement as nurse and dietitian working in the hospital in Tokyo suburb  
Toshie Honda  
Department of Nursing, Shinyamanote Hospital, Japan Anti-Tuberculosis Association, Japan

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S-7-5  Effort on nutrition counseling to prevent lifestyle related diseases by dieticians  
Hatsuko Eguchi  
Imari Arita Kyoritsu Hospital, Japan

October 3 (Sat.) 14:20-16:20  Hall 2 (Reception Hall (East), 4F, Bldg. 1)

JASSO Symposium 8  
"Revisit metabolic syndrome 2015: Importance of health care education for the prevention and improvement of 'obesity disease'"  
Chairs: Midori Noguchi  
Amagasaki City Office, Japan  
Public Health Graduate School of Medicine, Osaka University, Japan  
Tohru Funahashi  
Graduate School of Medicine, Osaka University, Japan

S-8-1  Approach toward the obesity and lifestyle modification based on molecular mechanism of feeding behavior and food preference  
Hiroaki Masuzaki  
Second Department of Internal Medicine, Endocrinology, Diabetes and Metabolism, Hematology and Rheumatology, University of the Ryukyus, Graduate School of Medicine, Japan

S-8-2  Mechanisms based management of hypertension  
Kei Kamide  
Division of Health Sciences, Osaka University Graduate School of Medicine, Japan

S-8-3  Strategy toward ectopic fat deposition to prevent obesity and cardiovascular diseases  
Michio Shimabukuro  
Department of Cardio-Diabetes Medicine, Institute of Biomedical Sciences, Tokushima University Graduate School, Japan

October 2 (Fri.) 16:50-18:20  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Symposium 9  
"Metabolic syndrome, Pathogenesis of obesity"  
Sponsored by Metabolic syndrome Committee

Chair: Yoshinori Sakaguchi  
Sankei Shimbun Guest Editorial, Japan

S-9-1  An application of health data in clinic of adult diseases (diabetes etc) – a related conditions of adult disease (dementia etc) pointed out by doctors in late years  
Shigeru Miyazaki  
Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan

S-9-2  Prevention and treatment of metabolic syndrome– from the aspect of the Japanese prevention system; specific health checkup and specific health  
Kazuyo Tsushita  
Aichi Comprehensive Health Science Center, Japan

S-9-3  An application of health data for specific counseling guidance and "Data health plan"  
Midori Noguchi  
Amagasaki City Office, Japan
October 2 (Fri.)  10:30-11:00  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Educational Lecture 1
Chair: Kentaro Yamada

*Endocrinology and Metabolism, Kurume University School of Medicine*

Pathogenesis of Metabolic syndrome in the human
Hajime Sugihara

*International University of Health and Welfare, Japan*

*Koudoukai Takagi Hospital, Japan*

October 2 (Fri.)  11:00-11:30  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Educational Lecture 2
Chair: Toshimasa Yamauchi

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

Obesity and stress
Hiroshi Arima

*Departments of Endocrinology and Diabetes, Nagoya University Graduate School of Medicine, Japan*

October 2 (Fri.)  11:30-12:00  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Educational Lecture 3
Chair: Iichiro Shimomura

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

Obesity-associated liver injury
Toshinari Takamura

*Department of Comprehensive Metabolism, Kanazawa University Graduate School of Medical Sciences, Japan*

October 2 (Fri.)  15:00-15:30  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Educational Lecture 4
Chair: Takeshi Usui

*National Hospital Organization Kyoto Medical Center, Japan*

Gut dysbiosis in type 2 diabetes
Akio Kanazawa

*Department of Metabolism & Endocrinology, Juntendo University Graduate School of Medicine, Japan*

October 2 (Fri.)  15:30-16:00  Hall 7 (431+432, 3F, Bldg. 4)

JASSO Educational Lecture 5
Chair: Yuzo Sato

*The Graduate Center of Human Sciences, Aichi Mizuho College, Japan*

Obesity and sarcopenia
Hiroshi Shimokata

*Graduate School of Nutritional Sciences, Nagoya University of Arts and Sciences, Japan*
October 2 (Fri.) 16:00-16:30 Hall 7 (431+432, 3F, Bldg. 4)

**JASSO Educational Lecture 6**
Chair: Koutaro Yokote  
Department of Medicine, Chiba University Graduate School of Medicine, Japan

Clinical aspects of exercise therapy for obesity  
Yuzo Sato  
The Graduate Center of Human Sciences, Aichi Mizuho College, Japan

October 3 (Sat.) 9:30-10:00 Hall 7 (431+432, 3F, Bldg. 4)

**JASSO Educational Lecture 7**
Chair: Shoichiro Tsugane  
Research Center for Cancer Prevention and Screening, National Cancer Center, Japan

Cancer risk with obesity and diabetes  
Kohjiro Ueki  
Department of Molecular Sciences on Diabetes, Graduate School of Medicine, The University of Tokyo, Japan

October 3 (Sat.) 10:00-10:30 Hall 7 (431+432, 3F, Bldg. 4)

**JASSO Educational Lecture 8**
Chair: Hiroshi Itoh  
Department of Internal Medicine Keio University School of Medicine, Japan

Obesity-related kidney disease  
Jun Wada  
Okayama University Graduate School of Medicine, Department of Medicine and Clinical Science, Japan

October 3 (Sat.) 10:40-11:10 Hall 7 (431+432, 3F, Bldg. 4)

**JASSO Educational Lecture 9**
Chair: Shigeru Miyazaki  
Center for Health Evaluation and Promotion, Japan Anti-Tuberculosis Association, Japan

Obesity and cognitive decline  
Takashi Sakurai  
National Center for Geriatrics and Gerontology, Japan

October 3 (Sat.) 11:10-11:40 Hall 7 (431+432, 3F, Bldg. 4)

**JASSO Educational Lecture 10**
Chair: Tohru Funahashi  
Graduate School of Medicine, Osaka University, Japan

Health education to Obesity  
Midori Noguchi  
Amagasaki City Office, Japan  
Public Health Graduate School of Medicine, Osaka University, Japan