

The 10th Adiposience Symposium Program

Anniversary International Symposium - Toward a New Decade of Adiposience

9:00 – 18:20 August 19 (Fri), 2005

9:00 – 12:35 August 20 (Sat), 2005

Senri Hankyu Hotel, Osaka, Japan

August 19 (Fri)

Opening Remarks

9:00-9:05 Yuji Matsuzawa (Sumitomo Hospital)

I. Control of Food Intake and Obesity

Chairperson: Masatomo Mori (Graduate School of Medicine, Gunma University)

9:05-9:55 Special Lecture I

Leptin and Development of Hypothalamic Feeding Circuitry

○ Richard B. Simerly (Oregon Health & Science University)

9:55-10:40 Special Lecture II

Ghrelin: Structure and Physiological Significance

○ Kenji Kangawa (National Cardiovascular Center Research Institute)

10:40-11:10 Histaminergic Modulation of Energy Metabolism

○ Hironobu Yoshimatsu (Faculty of Medicine, Oita University)

Coffee Break 11:10-11:30

II. Molecular Biology of Adipocytes and Metabolic Syndrome (1)

Chairperson: Takashi Kadowaki (Graduate School of Medicine, The University of Tokyo)

11:30-12:20 Special Lecture III

Bile acids induce energy expenditure by promoting intracellular thyroid hormone activation

○ Johan H. Auwerx (Institut de Genetique et de Biologie Moleculaire et Cellulaire)

Lunch & Poster Session 12:20-14:30

III. Molecular Biology of Adipocytes and Metabolic Syndrome (2)

Chairperson: Takashi Kadowaki (Graduate School of Medicine, The University of Tokyo)

14:30-15:00 Dysregulation of Adipocytokine Function and Production in the Metabolic Syndrome

○ Yoshihiro Ogawa (Medical Research Institute, Tokyo Medical and Dental University)

15:00-15:30 SREBP-1c and Metabolic Syndrome

○ Hitoshi Shimano (Graduate School of Comprehensive Human Sciences, University of Tsukuba)

15:30-16:00 Activation of Peroxisome Proliferator-activated Receptor δ Induces Fatty Acid β -Oxidation in Skeletal Muscle and Attenuates Metabolic Syndrome

○ Juro Sakai (Research Center for Advanced Science and Technology, The University of Tokyo)

Coffee Break 16:00-16:20

The 10th Adiposcience Symposium
4th circular

IV. Molecular Biology of Adipocytes and Metabolic Syndrome (3)

Chairperson: Masato Kasuga (Graduate School of Medicine, Kobe University)

16:20-17:10 Special Lecture IV

ER Stress in Insulin Resistance

○ Gökhan S. Hotamisligil (Harvard University School of Public Health)

17:10-17:40 Regulation of Hepatic Glucose and Lipid Metabolism by Insulin and Adipokines

○ Kohjiro Ueki (Graduate School of Medicine, The University of Tokyo)

17:40-18:10 Adipocyte Dysfunction: A Molecular Target of the Metabolic Syndrome

○ Hiroaki Masuzaki (Graduate School of Medicine, Kyoto University)

Poster Award 18:10-18:20

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August 20 (Sat)

V. The Function and Related Diseases of Adipocytokine (1)

Chairperson: Teruo Kawada (Graduate School of Agriculture, Kyoto University)

9:00-9:50 Special Lecture V

Innate Immune Signaling and Insulin Resistance

○ Anthony W. Ferrante (Naomi Berrie Diabetes Center, Columbia University)

9:50-10:20 Increased Expression of MCP-1 in Adipose Tissues is Involved in Insulin Resistance Induced by Obesity.

○ Yoshikazu Tamori (Graduate School of Medicine, Kobe University)

Coffee Break 10:20-10:40

VI. The Function and Related Diseases of Adipocytokine (2)

Chairperson: Kazuwa Nakao (Graduate School of Medicine, Kyoto University)

10:40-11:10 The Significance of Adipose-derived Glycerol through Aquaporin Adipose

○ Norikazu Maeda (Graduate School of Medicine, Osaka University)

11:10-11:40 Pathophysiological Roles of Adiponectin and AdipoRs

○ Toshimasa Yamauchi (Graduate School of Medicine, The University of Tokyo)

11:40-12:30 Special Lecture VI

Adiponectin and its Orthologs: Regulation, Receptors, and Signal Transduction.

○ Harvey F. Lodish (Whitehead Institute for Biomedical Research, MIT)

Closing Remarks

12:30-12:35 Kazuwa Nakao (Graduate School of Medicine, Kyoto University)