Friday, October 21st

08:50 - 9:00
Room2: Crystal B
Opening Address
Speaker: Takashi Kadowaki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)

09:00 - 11:00
Room1: Crystal A
Main Symposium 1, New Therapies for Diabetes (Except Incretin) Sponsored by Astellas Pharma Inc.
Chairs: Tai Hee Lee (Chonnam National University, Kwang-Ju Clinic, Korea)
        Kohei Kaku (Division of Diabetes and Endocrinology & Metabolism, Kawasaki Medical School, Japan)
1. Orphan Nuclear Receptor SHP and JAK-STAT Pathway
   Hueng-Sik Choi (Hormone Research Center, Chonnam National University, Korea)
2. Therapeutic Potentials of NAD(P)H:quinone oxidoreductase 1 (Nqo1) in Insulin Resistance
   Minho Shong (Research Center for Endocrine and Metabolic Diseases, Department of Endocrinology and Metabolism,
   Chungnam National University School of Medicine, Korea)
3. Protective Roles of Natural Magnesium Lithospermate B on Diabetes and Its Vascular Complications:
   Targeting the Redox Sensitive Nrf2/ARE Defense Pathway
   Byung-Wan Lee (Department of Internal Medicine, Yonsei University College of Medicine, Korea)
4. A Novel GPR40 Agonist TAK-875
   Takahiro Araki (Takeda Global Research & Development Center Inc., USA)
5. Sodium-Glucose Cotransporter 2 (SGLT 2) Inhibitors
   Kazunori Utsunomiya (The Jikei University School of Medicine, Japan)
6. A New Selective SGLT2 Inhibitor as a New Potential Drug Target
   Atsunori Kashiwagi (Shiga University Hospital, Japan)
7. Clinical Development of the New Ultra-long Acting Basal Insulin, Insulin Degludec
   Yasuhiko Iwamoto (Tokyo Women's Medical University, Japan)

Room2: Crystal B
Main Symposium 2, Regulation of Pancreatic Beta Cell Function and Mass
Sponsored by ONO PHARMACEUTICAL CO., LTD.
Chairs: Jin-Woo Kim (Kyung Hee University Hospital, Korea)
        Nobuya Inagaki (Department of Diabetes and Clinical Nutrition, Graduate School of Medicine, Kyoto University, Japan)
1. Glutathione is a Key Component for Oxidative Damage in β-cell
   Gwanpyo Koh (Jeju National University School of Medicine, Korea)
2. Impaired Insulin Secretion Due to Mitochondrial Dysfunction in Diabetes
   Shimpei Fujimoto (Department of Endocrinology, Metabolism and Nephrology, Kochi Medical School, Japan)
3. Regulation of Beta Cell Proliferation by Serotonin
   Hall Kim (Korea Advanced Institute of Science and Technology, Korea)
4. Autophagy in the Beta Cells
   Hirotaka Watada (Juntendo University, Graduate School of Medicine, Department of Metabolism & Endocrinology, Japan)
5. Islet Beta-cell Mass in Type 2 Diabetes: How is It Regulated?
   Soroku Yagihashi (Department of Pathology and Molecular Medicine, Hirosaki University Graduate School of Medicine, Japan)
Program

11:00 - 12:00
Room1: Crystal A
Oral Session 1, Basic Research 1
Chairs: Moon Kyu Lee (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)
Eiichi Araki (Faculty of Life Sciences Kumamoto University Department of Metabolic Medicine, Japan)

Room2: Crystal B
Oral Session 2, Clinical Research & Complications 1
Chairs: In Kyu Lee (Kyung-Pook National University, School of Medicine, Korea)
Yoshihito Atsumi (Saiseikai Central Hospital, Japan)

Room3: Crystal C
Oral Session 3, Clinical Research & Complications 2
Chairs: Tae Sun Park (Chon Buk National University Medical School, Korea)
Yukio Tanizawa (Department of Bio-Signal Analysis Division of Endocrinology, Metabolism, Hematological Sciences and Therapeutics, Yamaguchi, University Graduate School of Medicine, Japan)

11:00 - 18:30
Room4: Kin
Poster Discussion / Q&A Time
Even Poster number: 12:00-12:30 / Odd Poster number: 13:30-14:00

12:30 - 13:30
Room1: Crystal A
Luncheon Seminar 1
Chair: Masato Odawara (The Third Department of Internal Medicine, Tokyo Medical University, Japan)
Therapeutic Strategies for Type 2 Diabetes Mellitus Based on Physiology of Islet Hormone Secretion
Hisamitsu Ishihara (Division of Diabetes and Metabolism, Nihon University School of Medicine, Japan)

Room2: Crystal B
Luncheon Seminar 2
Chair: Hiroshi Maegawa (Division of Endocrinology and Metabolism, Department of Medicine, Shiga University of Medical Science, Japan)
Metabolic Dysfunction in Diabetes: Metabolic Pathways at the Crossroads of Diabetes and Cancer
Shimpei Fujimoto (Department of Endocrinology, Metabolism, and Nephrology, Kochi Medical School, Kochi University, Japan)

Room3: Crystal C
Luncheon Seminar 3
Chair: Yasuko Uchigata (Department of Medicine III and Diabetes Center, Tokyo Women’s Medical University School of Medicine, Japan)
Action to the Latest Insulin Therapy in Japan
Masafumi Matsuda (Department of Endocrinology and Diabetes, Saitama Medical Center, Saitama Medical University, Japan)

14:00 - 15:00
Room2: Crystal B
Plenary Lecture
Chair: Takashi Kadowaki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)
Physiological Roles of Autophagy
Noboru Mizushima (Department of Physiology and Cell Biology, Tokyo Medical and Dental University, Japan)
Program

15:00 - 17:00

Room 1: Crystal A

Main Symposium 3, Mechanism of Insulin Resistance

Sponsored by Dainippon Sumitomo Pharma Co., Ltd.

Chairs: Hong Kyu Lee (Eulji University, Korea)
Masato Kasuga (Research Institute National Center for Global Health and Medicine, Japan)

1. Role of Alternative Splicing Variants of PGC-1α in Regulation of Fatty Acid Oxidation, Body Mass and Insulin Sensitivity
Wataru Ogawa (Kobe University Graduate School of Medicine, Japan)

2. Cross-Talk between Adipose Tissue and Liver in the Treatment of PPARγ Agonist
Cheol-Young Park (Department of Endocrinology and Metabolism, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea)

3. The Role of ER Stress-induced Transcription Factors in Hepatic Glucose Metabolism and Insulin Resistance
Seung-Hoi Koo (Sungkyunkwan University School of Medicine, Korea)

4. Interaction of ER Stress and Insulin Action in Liver
Kohjiro Ueki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)

5. Essential Role of Mitochondria on Adiponectin Synthesis in Adipocyte
Eun Hee Koh (Department of Internal Medicine, University of Ulsan College of Medicine, Korea)

6. Pathophysiological Roles of AdipoRs
Toshimasa Yamauchi (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)

Room 2: Crystal B

Main Symposium 4, Mechanism and Management of Diabetic Complications

Sponsored by Pfizer Japan Inc.

Chairs: Bong-Yun Cha (Seoul St. Mary’s Hospital Catholic University of Korea, Korea)
Masakazu Haneda (Department of Medicine, Asahikawa Medical University, Japan)

1. Novel Therapeutic Strategies for Diabetic Neuropathy
Jiro Nakamura (Division of Diabetes, Department of Internal Medicine, Aichi Medical University School of Medicine, Japan)

2. How Did Glucose Induce Neuropathic Pain?
Tae Sun Park (Chonbuk National University Medical School, Korea)

3. Dietary Restriction Ameliorates Diabetic Nephropathy through Anti-inflammatory Effects and Regulation of the Autophagy via Restoration of Sirt1 in Diabetic Wistar fatty (fa/fa) Rats, a Model of Type 2 Diabetes
Daisuke Koya (Kanazawa Medical University, Japan)

4. Protective Role of Clusterin/Apolipoprotein J in Metabolic Syndrome
In-Kyu Lee (Department of Internal Medicine, and Biochemistry and Cell Biology, Kyungpook National University School of Medicine, Korea)

5. Cardiovascular Diseases in Type 2 Diabetes Mellitus—NCEH1 Is a Key Player in Lipid Unloading from Macrophage Foam Cells
Shun Ishibashi (Jichi Medical University, Japan)

6. New Modalities to Prevent Macrovascular Complications of Diabetes
Joong-Yeol Park (University of Ulsan, Asan Medical Center, Korea)

Room 3: Crystal C

Main Symposium 5, Type 1 Diabetes in East Asia

Chairs: Young Seol Kim (Department of Internal Medicine, Kyunghee University Hospital, Korea)
Toshiaki Hanafusa (Department of Internal Medicine (I), Osaka Medical College, Japan)

1. Genetics of Type 1 Diabetes in East Asia
Hiroshi Ikegami (Kinki University School of Medicine, Japan)

2. The Characteristics of Autoimmunity in Type 1 Diabetes Mellitus in the Korean Population
Bo Kyung Koo (Department of Internal Medicine, Seoul National University College of Medicine, Korea Department of Internal Medicine, BORAMAE Medical Center, Korea)

3. Fulminant Type 1 Diabetes
Akihisa Imagawa (Department of Metabolic Medicine, Graduate School of Medicine, Osaka University, Japan)
Program

4. A Pooled Analysis of Patients with Fulminant Type 1 Diabetes in Korea: A Comparison with a Nationwide Survey in Japan
   Sin Gon Kim (Korea University Anam Hospital, Korea)

5. Clinical Utility of Anti-Islet Autoantibodies
   ~Diagnosis and Prediction of Type 1 Diabetes in East Asia~
   Eiji Kawasaki (Department of Metabolism/Diabetes and Clinical Nutrition, Nagasaki University Hospital, Japan)

17:30 - 18:30

Room1: Crystal A
Evening Seminar 1
Chair: Yasuhiko Iwamoto (Tokyo Women's Medical University School of Medicine, Japan)
Actual Practice of Treat to Target Concept of Basal-bolus Therapy
Yasuo Terauchi (Department of Endocrinology and Metabolism, Yokohama City University, Japan)

Room2: Crystal B
Evening Seminar 2
Chair: Jun Takeda (Department of Diabetes and Endocrinology, Graduate School of Medicine, Gifu University, Japan)
Role of AGE-RAGE System in Vascular Complications in Diabetes and Its Therapeutic Intervention
Sho-ichi Yamagishi (Department of Pathophysiology and Therapeutics of Diabetic Vascular Complications, Kurume University School of Medicine, Japan)

Room3: Crystal C
Evening Seminar 3
Chair: Kohei Kaku (Division of Diabetes and Endocrinology and Metabolism, Department of Internal Medicine, Kawasaki Medical School)
Regulation of Pancreatic Beta Cell Mass
Hirotaka Watada (Department of Metabolism and Endocrinology, Graduate School of Medicine, Juntendo University)

Saturday, October 22nd

07:30 - 08:30

Room1: Crystal A
Breakfast Symposium 1
Chair: Teruo Shiba (Division of Diabetes and Metabolism, Toho University Ohashi Medical Center, Japan)
New Players in Beta-cell Function & Survival and Their Roles in Diabetes
Yoshio Fujitani (Department of Medicine, Metabolism and Endocrinology, Juntendo University Graduate School of Medicine, Japan)

Room2: Crystal B
Breakfast Symposium 2
Chair: Naoko Tajima (The Jikei University School of Medicine, Japan)
Application of Incretin-Based Therapy in Managing Diabetic Kidney Disease
Daisuke Koya (Kanazawa Medical University, Japan)

Room3: Crystal C
Breakfast Symposium 3
Chair: Yasuo Akanuma (Institute for Adult Diseases, Asahi Life Foundation, Japan)
Cognitive Dysfunction as a Rising Complication of Diabetes
Ryo Suzuki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)
October 21-22, 2011

Program

08:30 - 09:30
Room 1: Crystal A
Oral Session 4, Basic Research 2
Chairs: Joong Yeol Park (Department of Endocrinology and Metabolism, University of Ulsan, Asan Medical Center, Korea)
Koichi Yokono (Kobe University, Japan)

Room 2: Crystal B
Oral Session 5, Clinical Research & Complications 3
Chairs: Jin-Woo Kim (Kyung Hee University Hospital, Korea)
Junji Koizumi (General Internal Medicine, Kanazawa University Hospital, Japan)

Room 3: Crystal C
Oral Session 6, Clinical Research & Complications 4
Chairs: Bong-Yun Cha (Seoul St.Mary’s Hospital Catholic University of Korea, Korea)
Fumio Umeda (Yukuhashi Central Hospital, Japan)

09:30 - 11:30
Room 1: Crystal A
Main Symposium 6, Incretin-based Therapy-basic and Clinical Researches
Sponsored by Eli Lilly Japan K. K.
Chairs: Kap Bum Huh (Huh Diabetes Clinic, Korea)
Yutaka Seino (Kansai Electric Power Hospital, Japan)

1. The Effect of High-fat Diet-induced Obesity on Secretion of Gastric Inhibitory Polypeptide from K-cells
Norio Harada (Department of Diabetes and Clinical Nutrition, Graduate School of Medicine, Kyoto University, Japan)

2. Incretins and Type 2 Diabetes Mellitus
Moon-Kyu Lee (Sungkyunkwan University School of Medicine, Korea)

3. DPP-4 Inhibitor Alleviates α-cell Proliferation and β-cell Apoptosis With Blocking of Progression to Diabetes in Low-dose STZ Mice
Yukihiro Fujita (Asahikawa Medical University, Japan)

4. Effect of Exendin-4 on Bone through Osteocyte
Byung-Joon Kim (Konyang University School of Medicine, Korea)

5. Incretin-based Therapies: Potential in the Management of Asian Type 2 Diabetes.
Daisuke Yabe (Division of Diabetes, Clinical Nutrition and Endocrinology, Kansai Electric Power Hospital, Japan)

6. Clinical Experience of Incretin-based Treatment in Korean Population with Type 2 Diabetes Mellitus
Jae Hyoung Cho (Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Korea)

Room 2: Crystal B
Main Symposium 7, Genetics of Type 2 Diabetes in East Asia
Chairs: Kwang Won Kim (Department of Medicine, Sungkyunkwan University, School of Medicine, Samsung Medical Center, Korea)
Kishio Nanjo (Wakayama Rosai Hospital, Japan)

1. Identification of KCNJ15 as a Susceptibility Gene in Asian Patients with Type 2 Diabetes Mellitus
Naoko Iwasaki (Dept. of Internal Medicine III, Diabetes Center, Tokyo Women’s Medical Univ., Japan Institute of Integrated Medical Science, Tokyo Women’s Medical Univ., Japan)

2. A Genome-wide Investigation of Structural Variations in Type 2 Diabetes
Joos Seol Bae (Sogang University, Korea)

3. Genetic Study for Diabetic Nephropathy in Japanese Subjects with Type 2 Diabetes
Shiro Maeda (Laboratory for Endocrinology and Metabolism, RIKEN Center for Genomic Medicine, Japan)

4. Genome-wide Association Studies for Type 2 Diabetes in East Asian Populations
Yoon Shin Cho (Center for Genome Science, National Institute of Health, Korea)

5. Comprehensive Evaluation of Type 2 Diabetes Susceptibility in the Japanese Population by Genome-wide Imputation Analysis Using the 1000 Genomes Project Data
Kazuo Hara (The University of Tokyo Hospital, Japan)
Program

Room3: Crystal C

Main Symposium 8, Epidemiology and Clinical Trials in Japan and Korea

Sponsored by Takeda Pharmaceutical Company Limited

Chairs: Young Kil Choi (Cha University Medical School, Gangnam Cha Hospital, Korea)
        Naoko Tajima (The Jikei University School of Medicine, Japan)

1. How to Conduct Better Observational and Clinical Studies in Asia
   Tomoshige Hayashi (Preventive Medicine and Environmental Health, Graduate School of Medicine, Osaka City University, Japan)

2. Epidemiology of Type2 Diabetes Mellitus and Observational Studies in Japan
   Tomoko Nakagami (Diabetes Center, Tokyo Women's Medical University, School of Medicine, Japan)

3. J-DOIT1, 2, 3 — the Strategic Outcomes Research in Japan for the Prevention of Type 2 Diabetes and Its Complications.
   Mitsuhiko Noda (Japan Foundation for the Promotion of International Medical Research Cooperation, National Center for Global Health and Medicine, Japan)

4. Sarcopenic Obesity
   Kyung Mook Choi (Korea University, Korea)

5. Identification of Clinical Risk Factors for the Prediction of New Onset T2DM in Korea
   Won-Young Lee (Division of Endocrinology and Metabolism, Department of Internal Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea)

6. Epidemiology and Clinical Trials of Diabetic Peripheral Neuropathy in Korea
   Chong Hwa Kim (Sejong General Hospital, Korea)

11:30 - 12:50 Room2: Crystal B

Special Session, Looking Back and Moving Forward

Chairs: Sung-Woo Park (Sungkyunkwan University Hospital, Korea)
        Takashi Kadowaki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)

Speakers: Hun-ki Min (Seoul National University, Korea)
          Young Kil Choi (Cha University Medical School, Gangnam Cha Hospital, Korea)
          Tai Hee Lee (Chonnam National University, Kwang-Ju Clinic, Korea)
          Takeshi Kuzuya (Jichi Medical School, Japan)
          Nigishi Hotta (Japan Labour Health and Welfare Organization, Chubu Rosai Hospital, Japan)
          Yutaka Seino (Kansai Electric Power Hospital, Japan)

12:50 - 13:00 Room2: Crystal B

Closing Remarks

Speaker: Kohjiro Ueki (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)