

# 18th Scientific Meeting of the Asian Association for the Study of Diabetes

## Award Lecture 1

Day 1 Thursday, May 21 11 : 00 ~ 11 : 30 Room 4 Osaka International Convention Center 10F Conference Room 1001-1002

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### Yutaka Seino Distinguished Leadership Award Lecture

Chair Yutaka Seino Kansai Electric Power Medical Research Institute

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#### A – AL1 **Physician Scientist - the missing link in precision medicine**

Juliana CN Chan

Department of Medicine and Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong, Shatin

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## Award Lecture 2

Day 2 Friday, May 22 10 : 50 ~ 11 : 10 Room 6 Osaka International Convention Center 10F Conference Room 1009

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### Xiaoren Pan Distinguished Research Award for Epidemiology of Diabetes in Asia Lecture

Chair Juliana CN Chan Department of Medicine and Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong, Shatin

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#### A – AL2 **LADA in China: Our 30-year Journey**

Zhiguang Zhou

National Clinical Research Center for Endocrine and Metabolic Diseases, Key Laboratory of Diabetes Immunology (Central South University), Ministry of Education, and Department of Metabolism and Endocrinology, The Second Xiangya Hospital of Central South University

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## Award Lecture 3

Day 2 Friday, May 22 11 : 10 ~ 11 : 30 Room 6 Osaka International Convention Center 10F Conference Room 1009

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### Masato Kasuga Award for Outstanding Scientific Achievement Lecture

Chair Masato Kasuga The Institute of Medical Science, Asahi Life Foundation

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A – AL3 **From Mechanisms to Therapeutics in MASLD and Its Complications:  
Targeting Inflammasome, Incretins, and Senescence**

Yong-ho Lee

Yonsei University College of Medicine

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## Symposium 1

Day 1 Thursday, May 21 8:30 ~ 10:30 Room 4 Osaka International Convention Center 10F Conference Room 1001-1002

## Asian Phenotypes of T2D: From Pathophysiology to Precision Medicine

Chairs Yuichiro Yamada Kansai Electric Power Hospital, Kansai Electric Power Medical Research Institute  
Wayne H-H Sheu National Health Research Institutes

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- A-S1-1 **Advancing Precision Medicine in Type 2 Diabetes: Insights from Global and Ancestry-Specific GWAS**  
Ken Suzuki  
Laboratory for Advanced Research on Pathophysiology of Metabolic Diseases, Graduate School of Medicine, The University of Tokyo
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- A-S1-2 **Caucasian versus East Asian phenotypes of type 2 diabetes — From Pathophysiology to Precision Medicine**  
Tien-Jyun Chang  
Department of Internal Medicine, National Taiwan University Hospital, Taipei / School of Medicine, National Taiwan University College of Medicine, Taipei
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- A-S1-3 **Classification and characterization of type 2 diabetes in Korea**  
So Hun Kim  
Division of Endocrinology and Metabolism, Department of Internal Medicine, Inha University College of Medicine
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- A-S1-4 **Implementing precision medicine in the management of Asians with young-onset diabetes**  
Andrea On Yan LUK  
Department of Medicine and Therapeutics, The Chinese University of Hong Kong / Li Ka Shing Institute of Health Sciences, The Chinese University of Hong Kong / Hong Kong Institute of Diabetes and Obesity, The Chinese University of Hong Kong / The Chinese University of Hong Kong Clinical Trial Centre
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- A-S1-5 **Epitranscriptomics mechanisms for beta-cell dysfunction in diabetes**  
Qin Yang  
Department of Physiology and Biophysics, University of California, Irvine
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## Symposium 2

Day 1 Thursday, May 21 15:30 ~ 17:30 Room 4 Osaka International Convention Center 10F Conference Room 1001-1002

### AIBIS-AASD Symposium: Incretins, Islets, and Beyond: From Cell Signaling to System Medicine

Chairs Yusuke Seino Department of Endocrinology, Diabetes and Metabolism, Fujita Health University, School of Medicine  
Eun Young Lee The Catholic University of Korea

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- A-S2-1 **Estimating Functional  $\beta$ -Cell Mass Using Continuous Glucose Monitoring**  
Joonyub Lee  
Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea
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- A-S2-2 **Effects of mTORC1 activation on islet plasticity in pancreatic  $\beta$ -cells**  
Shun-ichiro Asahara  
Department of Diabetes and Endocrinology, Kobe University Graduate School of Medicine
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- A-S2-3 **The Effects of  $\alpha$ -Cell Derived GLP-1 on the  $\beta$ -Cell Function Regulation and Glucose Homeostasis**  
Rui Wei  
Department of Endocrinology and Metabolism, Peking University Third Hospital
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- A-S2-4 **Antidiabetic Agents and Cellular Senescence: New Therapeutic Horizons**  
Young Min Cho  
Department of Internal Medicine, Seoul National University College of Medicine, Seoul
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- A-S2-5 **Illuminating Endogenous Incretin Receptor Signalling in Pancreatic Islets**  
David J Hodson  
Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM), Radcliffe Department of Medicine, University of Oxford, Oxford
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## Symposium 3

Day 1 Thursday, May 21 15:30 ~ 17:10 Room 7 Osaka International Convention Center 10F Conference Room 1007

### DASG-AASD Symposium: Trends in Diabetes Treatment and Complications

Chairs Daisuke Yabe    Kyoto University Graduate School of Medicine  
 Bishwajit Bhowmik    Centre for Global Health Research, Diabetic Association of Bangladesh, Dhaka

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- A-S3-1 **Obesity-Associated Diabetes in Asia: Real-World Clinical Practice and Future Perspectives**  
 Takayasu Uchida  
 Department of Endocrinology and Metabolism, Toranomon Hospital, Tokyo / Okinaka Memorial Institute for Medical Research, Tokyo
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- A-S3-2 **Secular changes in type 2 diabetes care in Taiwan: Comorbidities, Complications and Mortality, and Medical Treatment**  
 Wei-Shiung Yang  
 Graduate Institute of Clinical Medicine and Department of Medicine, National Taiwan University
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- A-S3-3 **Trends in Obesity and Cardiometabolic Risk Among Young Adults in Bangladesh: Emerging Evidence and Implications**  
 Bishwajit Bhowmik  
 Centre for Global Health Research, Diabetic Association of Bangladesh, Dhaka
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- A-S3-4 **The Unique Patterns of Diabetes in South Asia**  
 Sumerah Jabeen  
 Department of Endocrinology, Indus Hospital and Health Network, Karachi
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- A-S3-5 **Trends in Diabetes Treatment and Complications**  
 Banshi Saboo  
 Diacare-Diabetes care and hormone clinic
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## Symposium 4

Day 2 Friday, May 22 8 : 40 ~ 10 : 40 Room 6 Osaka International Convention Center 10F Conference Room 1009

### EASD-AASD Symposium: Ethnic Differences in Fat Distribution and Diabetes: Insights from Asia and Europe

Chairs Koutaro Yokote Chiba University

Caterina Conte Sun Rafael Roma University

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- A-S4-1 **Finding key drivers of human visceral fat tissue for the progression of obesity and obese-diabetes**  
Sung Hee Choi  
Seoul National University College of Medicine, Seoul National University
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- A-S4-2 **Contemporary significance of the concept of “Obesity Disease” proactively proposed by Japan: Mechanistic insight and future direction**  
Hiroaki Masuzaki  
Endocrinology, Diabetes and Metabolism, Hematology, and Rheumatology, Second Department of Internal Medicine, Graduate School of Medicine, University of the Ryukyus, Okinawa
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- A-S4-3 **Beyond BMI: Body Composition, Fat Distribution, and Diabetes Risk in European Populations**  
Caterina Conte  
San Raffaele Roma University, Rome / IRCCS MultiMedica, Milan
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- A-S4-4 **Cross-species genetic mapping of targets in metabolism and aging**  
Johan Auwerx  
Ecole Polytechnique Fédérale de Lausanne – Swiss Federal Institute of Technology in Lausanne
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## Symposium 5

Day 2 Friday, May 22 14 : 10 ~ 16 : 10 Room 6 Osaka International Convention Center 10F Conference Room 1009

## MDIA-AASD Symposium: Genetic and genomic landscape of diabetes in Asia

Chairs Tien-Jyun Chang Department of Internal Medicine, National Taiwan University Hospital, Taipei / School of Medicine, National Taiwan University College of Medicine, Taipei

Ronald Ma The Chinese University of Hong Kong

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A-S5-1 **Genetic Predisposition to Serum Cortisol and Risk of Type 2 Diabetes and Complications Across Multi-Ethnic Populations**

Xiantong Zou

The Department of Endocrinology and Diabetes, Peking University People's Hospital, Beijing / Beijing Key Laboratory of Translational Medicine for Innovative Drugs and Devices in Endocrine and Metabolic Diseases

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A-S5-2 **Linking Genetic Background to Clinical Heterogeneity of Type 1 Diabetes: Insights from the TIDE-J study**

Shinsuke Noso

Department of Endocrinology, Metabolism and Diabetes, Kindai University Faculty of Medicine

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A-S5-3 **Genetic Architecture and Clinical Translation of Polygenic Risk for T2D in East Asia**

Fuu-Jen Tsai

Department of Medical Research, China Medical University Hospital / School of Chinese Medicine, China Medical University / Division of Medical Genetics, Children's Hospital of China Medical University / Department of Medical Laboratory Science and Biotechnology, Asia University

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A-S5-4 **Genomic, Metabolomic, and Proteomic Markers for Precision Medicine in Diabetes**

Soo Heon Kwak

Department of Internal Medicine, Seoul National University Hospital & Seoul National University College of Medicine

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A-S5-5 **TBD**

Zhiguang Zhou

National Clinical Research Center for Endocrine and Metabolic Diseases, Key Laboratory of Diabetes Immunology (Central South University), Ministry of Education, and Department of Metabolism and Endocrinology, The Second Xiangya Hospital of Central South University

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## Symposium 6

Day 2 Friday, May 22 14 : 10 ~ 16 : 10 Room 7 Osaka International Convention Center 10F Conference Room 1007

## Obesity in Asia

Chairs Yutaka Seino Kansai Electric Power Medical Research Institute  
 Kyong Soo Park Konkuk University Medical Center

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- A-S6-1 **Obesity in Asia: Moving Beyond BMI**  
 Jae Hyeon Kim  
 Endocrinology and Metabolism, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul
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- A-S6-2 **Elucidation of pathology and novel treatment for obesity disease**  
 Nobuhiro Shojima  
 Department of Metabolic Diseases, Graduate School of Medicine, The University of Tokyo
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- A-S6-3 **Facing the “Sugar-Obesity” Challenge: From Asian Epidemiology to China’s Weight Management Year**  
 Limei Liu  
 Department of Endocrinology, The Second Hospital of Jilin University, Changchun
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- A-S6-4 **Obesity in Mongolia: Findings from the STEPS 2019 Survey and Obesity-Related Mortality**  
 Altaisaikhan Khasag  
 Mongolia-Japan Hospital, Mongolian National University of Medical Sciences
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- A-S6-5 **Obesity Burden in Central Asia: Cross-Country Analysis of Prevalence and Incidence Trends**  
 Zhanay Akanov  
 Department of Endocrinology, Asfendiyarov Kazakh National Medical University; Kazakh Society for the Study of Diabetes (Public Foundation)
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- A-S6-6 **Obesity in Asia: Understanding the Rising Burden, Unique Phenotypes, and Future Directions**  
 Waralee Chatchomchuan  
 THEPTARIN Diabetes, Thyroid and Endocrine Center, Vimut-Theptarin Hospital
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- A-S6-7 **Obesity in Indonesia: National Policy, Professional Engagement, and Implementation Gaps (2026)**  
 Sidartawan Soegondo  
 Diabetes Connection Care Eka Hospital / Indonesia Diabetes Institute / Division of Endocrinology, Metabolism, and Diabetes, Department of Internal Medicine, Faculty of Medicine Universitas Indonesia
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## Educational seminar

Day 2 Friday, May 22 8 : 00 ~ 8 : 40 Room 6 Osaka International Convention Center 10F Conference Room 1009

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Chair Nigishi Hotta Japan Organization of Occupational Health and Safety Chubu Rosai Hospital

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### **ROCKing role for a hunger signal**

Young-Bum Kim  
Harvard Medical School

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