



# The 10<sup>th</sup> Symposium on Molecular Diabetology in Asia

## Agenda

Nov. 28

18:30-20:00 Welcome dinner

20:00-22:00 MDIA board member meeting

Nov. 29

Session 1

Chair: Kishio Nanjo,  
Kunsan Xiang

8:00-8:10 Opening speech

Wenyang Yang  
Kishio Nanjo

08:10-08:40 President Lecture: Lamin C: guardian of the soma

Jianping Weng

Session 2  
New Genetic Variants Confer to Type 2 Diabetes in  
Asians

Chair: Hong Kyu Lee,  
Lee-Ming Chuang

08:40-09:05 A multistage genome-wide SNP association study  
identifies SNPs in KCNQ1 associated with susceptibility  
to type 2 diabetes mellitus

Kazuaki Miyake

09:05-09:30 Discovering diabetes genes in Asian populations

Juliana Chan

09:55-10:20 Genes associated with type 2 diabetes in Korean

Kyong Soo Park

09:30-09:55 Evaluating type 2 diabetes genes in Chinese population

Linong Ji

10:20-10:45 Candidate Genes of Type 2 Diabetes from Genome-wide  
Association Study

Lee-Ming Chuang

10:45-11:10 Association of Common Variants in the NOS1AP and  
G6PC2 Region with Type 2 Diabetes in the Chinese  
Population

Congrong Wang

11:10-11:25 Tea break

Session 3  
Invited Lecture

Chair: Yukio  
Tanizawa, Kyong Soo  
Park

11:25-12:10 Identifying dietary and molecular causes  
of metabolic diseases: integrating evolutionary theory,  
epidemiologic observations, and clinical experiments for  
prevention

Simin Liu

12:30-14:00 Pre-meeting of MS Survey in Asians



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Session 4	Educational Lecture	Chair: Hiroshi Ikegami, Juliana Chan
14:15-14:45	Environmental factors, energy metabolism and diabetes	Soo Lim
14:45-15:15	Wolfram Syndrome: Mechanism of Genetically Programmed $\beta$ -cell Death	Yukio Tanizawa
Session 5	Oral presentation 1	Chair: Apichati Vichayanrat, Linong JI
15:15-15:25	Insulin signaling in endothelial cells participates in the regulation of skeletal muscle insulin sensitivity	Tetsuya Kubota
15:25-15:35	SUMOylation of KLF5 is a molecular switch regulating PPAR $\alpha$ -containing transcriptional programs of lipid metabolism	Yumiko Oishi
15:35-15:45	Increased CPT-1 expression and decreased SREBP-1c expression is associated with reduced intramuscular triglyceride accumulation after insulin therapy in high fat diet and streptozotocin induced diabetic rats	Yan Bi
15:45-15:55	Metformin Action is Mediated through Reactive Nitrogen Species in Primary Mouse Hepatocytes	Fujita Yoshihito
15:55-16:05	Pharmacological Induction of Molecular Chaperone, Hsp72 Reduces Visceral Fat and Improves Glucose Homeostasis in Mice	Hironori Adachi
16:05-16:15	The relationships between PON1 activity as well as oxLDL levels and coronary artery lesions in CHD patients with diabetes mellitus or impaired fasting glucose	Haoming Tian
16:15-16:30	Tea break	
Session 6	Oral presentation 2	Chair: Masahiro Nishi, Nattachet Plengvidhya
16:30-16:40	Synergistic effects of variations in manganese superoxide dismutase, glutathione peroxidase and catalase genes in the development of type 2 diabetes mellitus and its macrovascular complication in Chinese	Limei Liu
16:40-16:50	Replication study for the association of TCF7L2 with susceptibility to type 2 diabetes in a Chinese population	Renmin HU
16:50-17:00	Tissue-specific difference of mitochondrial DNA content in type 2 diabetes	Pei-Wen Wang
17:00-17:10	The effect of sRAGE gene expression in skeletal muscle on metabolic disturbance, inflammation and organ injury in high fat-diet rats	Benli Su
17:10-17:20	Associations of diabetes with genetic polymorphisms of the amylin pathway	Vincent Lam
17:20-17:30	Abnormal glucose tolerance and metabolic syndrome among Filipino women with previous gestational diabetes mellitus	Iris Thiele Isip Tan
17:30-17:40	Closing remark	Kunsan Xiang