

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

## 一般演題 Short Oral

Thursday, May 21 Digital Poster Room 4 3F Event Hall

### Short Oral 1

Biology of liver	8 : 30~9 : 10
Chair	Department of Internal Medicine, College of Medicine, National Taiwan University <b>Hung-Yuan Li</b>
A – SO1 – 1	DYRK1B controls hepatic glucose production via priming phosphorylation of GCN5 and PGC-1 $\alpha$ in a nuclear signaling module Department of Molecular Metabolic Regulation, Diabetes Research Center, National Institute of Global Health and Medicine, Japan Institute for Health Security (JIHS) <b>Masaru Mitsushima, et al.</b>
A – SO1 – 2	Role of Lnc-GI, a glucagon-induced liver-enriched lncRNA, in the regulation of hepatic glucose production in mice Japan Institute for Health Security National Institute of Global Health and Medicine <b>Takao Naganuma, et al.</b>
A – SO1 – 3	The Hepatic Transcriptome Analysis of smc5 Knockout Zebrafish Model Tianjin Institute of Urology, the Second Hospital of Tianjin Medical University <b>Peizhang Li, et al.</b>
A – SO1 – 4	A novel GLP-1/GDF15 dual-agonist reduces hepatic inflammation and fibrosis in murine models Peking University People's Hospital <b>Yuanping Shi, et al.</b>
A – SO1 – 5	HELZ2 negatively regulates transcription of mouse leptin receptor gene in hepatocytes Gunma University Graduate School of Medicine, Faculty of Medicine <b>Satoshi Yoshino, et al.</b>

### Short Oral 2

Socioeconomical burden and diabetes 1	9 : 10~9 : 55
Chair	Mongolian National University of Medical Sciences <b>Altaisaikhan Khasag</b>
A – SO2 – 1	Urban Heat Exposure, Social Inequality, and Glycemic Instability: Systems Analysis Across East and Southeast Asia Research and Development, Nusantara Young Minds <b>Naura Auny</b>
A – SO2 – 2	Climate-Driven Hypertensive Burden in Diabetes: Predicting BP Instability from Heat Exposure and Air Pollution Peaks Monitoring and Evaluation Unit, Sidorejo Kidul Health Public Center <b>Anekawati Anekawati</b>
A – SO2 – 3	Climate-Driven Cardiovascular Risk in Diabetes: Impacts of Heat Exposure, Pollution Surges, and Macrovascular Events Healthy Living Division, Gema Economy Indonesia <b>Darius Laia</b>
A – SO2 – 4	Urban Heat and Hepatic Lipotoxicity: Modeling Climate-Driven Acceleration of NAFLD Progression in Diabetes Populations Mathematics Department, Bandung Institute of Technology <b>Rani Sulvianuri</b>

- A – SO2 – 5 Metabolic Weathering and Cognitive Decline: Linking Glycemic Variable, Urban Heat, and Early Diabetes Related Dementia  
Health Policy Sector, Youth Wellbeing Bureau **Rosdiana Rosdiana**
- A – SO2 – 6 Impact of rising temperature from climate change on diabetes burden and gene expression in vulnerable populations  
Universitas Negeri Yogyakarta **Firdian Makrufardi**

### Short Oral 3

#### Cardiovascular-Kidney-Metabolic 1 9 : 55~10 : 40

Chair Kansai Electric Power Hospital **Yoshiyuki Hamamoto**

- A – SO3 – 1 Real-World Expert Consensus on Empagliflozin/Linagliptin FDC for Type 2 Diabetes Mellitus- The REAL FDC Study  
Medical Affairs, Alkem Laboratories **Nitin Kapure, et al.**
- A – SO3 – 2 Effects of smoking abstinence on all-cause mortality in individuals with and without type 2 diabetes  
Division of Endocrinology and Metabolism, Department of Internal Medicine,  
Taichung Veterans General Hospital **Che-Hung Chen, et al.**
- A – SO3 – 3 Withdrawn
- A – SO3 – 4 Secular trends of diabetes-related deaths in Mongolia  
Department of Global Public Health, Institute of Medicine, University of Tsukuba **Rie Tanaka, et al.**
- A – SO3 – 5 Withdrawn
- A – SO3 – 6 Semaglutide, Empagliflozin, and Sitagliptin Exposure and 24-Month Cardiovascular Outcomes in Obese Type 2 Diabetes  
Division of Genetics and Endocrinology, Department of Pediatrics,  
Chung Shan Medical University Hospital, Taichung / School of Medicine,  
Chung Shan Medical University; Taichung **Kai-Wen Liu, et al.**

### Short Oral 4

#### Islet biology 1 10 : 40~11 : 30

Chair Department of Endocrinology, The Second Hospital of Jilin University, Jilin **Limei Liu**

- A – SO4 – 1 A Doxorubicin-Induced  $\beta$ -Cell Senescence Model Elucidates Organelle Retention and Altered Stimulus-Secretion Coupling  
Department of Geriatric and General Medicine,  
Osaka University Graduate School of Medicine **NANXIANG YIN, et al.**
- A – SO4 – 2 Investigating incretin signalling in a pancreatic beta cell model of circadian disruption  
OCDEM, University of Oxford **Charlotte Tilly Frazer-Morris, et al.**
- A – SO4 – 3 Neuroimmune crosstalk drives beta cell dysfunction via glucolipotoxicity-induced neural extracellular vesicles  
Department of Medical Research, Chung Shan Medical University Hospital **SingHua Tsou, et al.**
- A – SO4 – 4 Justicia gendarussa Leaf extract protects against glucotoxicity-induced pancreatic B-cell dysfunction and apoptosis  
Division of Pharmacology and Biopharmaceutical Sciences,  
Faculty of Pharmaceutical Sciences, Burapha University **Kanchana - Suksri, et al.**

- A – SO4 – 5 Early insulin after partial pancreatectomy impairs beta-cell regeneration and promotes alpha-cell features in mice  
Division of Endocrinology, Department of Internal Medicine,  
Gachon University Gil Medical Center **Young Sil Eom, et al.**
- A – SO4 – 6 Investigating effects of modulating glucokinase on human islet and mitochondrial function under diabetogenic conditions  
Mayo Clinic **Kazuno Omori, et al.**
- A – SO4 – 7 Time-Dependent Impact of Postoperative Radiation Therapy on Insulin Secretion After Pancreatectomy  
Division of Endocrinology and Metabolism, Department of Internal Medicine,  
Seoul National University Hospital **Hyewon Yang, et al.**

## Short Oral 5

Diabetes in elderly 1 15 : 30~16 : 15

Chair Inha University College of Medicine, Incheon **So Hun Kim**

- A – SO5 – 1 Sex-Specific Links Between Glycemic Control and Sarcopenia in Older Adults with Type 2 Diabetes  
Diabetes Education Center and Department of Nursing,  
Chung Shan Medical University Hospital, Taichung / PhD program in Healthcare Science,  
College of Healthcare, China Medical University, Taichung **Yueh-Chu Wu, et al.**
- A – SO5 – 2 Early Clinical Experience With Insulin Icodec in Older Adults Unable to Perform Self-Injection  
Department of Geriatric and General Medicine, The University of Osaka /  
Osaka Home Healthcare Clinic **Taku Fujimoto, et al.**
- A – SO5 – 3 A-FABP as a dual regulator of bone homeostasis and a potential therapeutic target for osteoporosis  
The University of Hong Kong **Ruby Lai Chong Hoo**
- A – SO5 – 4 Relationships between oral functions and oral health behaviors in people with diabetes  
Department of Oncology Nursing,  
Tokushima University Graduate School of Biomedical Sciences, Tokushima **Yumi Kuwamura, et al.**
- A – SO5 – 5 The Clinical Frailty Scale and 3-Month Prognosis in Older Patients with Diabetes  
Department of Community Healthcare & Geriatrics, Graduate School of Medicine,  
Nagoya University **Kazuhisa Watanabe, et al.**
- A – SO5 – 6 Association of NT-pro-BNP With Physical Performance and Muscle Strength in Patients With Type 2 Diabetes Mellitus  
Section of Endocrinology and Metabolism, Department of Medicine,  
Taipei Veterans General Hospital **Nai-Rong Kuo, et al.**

## Short Oral 6

Diabetic Nephropathy 16 : 15~16 : 55

Chair Juntendo University Shizuoka Hospital **Takashi Nomiyama**

- A – SO6 – 1 Living With Numbness: A Systematic Review of Occupational Therapy Interventions for Diabetic Neuropathy  
Ministry of Health Malaysia **Tengku Mohd Asri Tengku Makhtar**
- A – SO6 – 2 Association between sudomotor dysfunction and subclinical carotid atherosclerosis in type 2 diabetes  
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Ming Wang, et al.**
- A – SO6 – 3 Prevalence of Peripheral Neuropathy in Patients of Type 2 Diabetes Mellitus with Sensorineural Hearing Loss  
ABVIMS & Dr. RML Hospital **Tanvi Suri, et al.**

- A-S06-4    Waist circumference and risk of diabetic peripheral neuropathy: a meta-analysis  
Tianjin University    **Mengqing Zhang**
- A-S06-5    Lipid Profile Mediates and Synergizes Link Between Neutrophil-Lymphocyte Ratio and Diabetic Peripheral Neuropathy Risk  
Universitas Respati Yogyakarta    **Siti Fadlilah, et al.**

## Short Oral 7

Diabetes and distress 1    17 : 05~17 : 35

Chair    Diabetes Center, NHO Kyoto Medical Center    **Masahito Ogura**

- A-S07-1    Withdrawn
- A-S07-2    Socioeconomic Stress, Telomere Attrition, Vascular Aging: Linking Psychosocial Adversity to Cardiometabolic Outcomes  
Health Policy Sector, Youth Wellbeing Bureau / Health Policy Sector, Youth Wellbeing Bureau    **Rosdiana Rosdiana**
- A-S07-3    Diabetes Distress, Social Support, and Self-Efficacy in People with Poorly Controlled Type 2 Diabetes  
Chang Gung University of Science and Technology    **Fei Ling Wu**
- A-S07-4    Do patients with diabetes feel lonely? A meta-analysis of the prevalence of loneliness in diabetes  
Universitas Gadjah Mada    **Anggi Lukman Wicaksana, et al.**

## Short Oral 8

Diabetes and Distress 2    17 : 35~18 : 05

Chair    Department of Endocrinology and Metabolism, Graduate School of Medical Science, Kyoto Prefectural University of Medicine    **Naoko Nakanishi**

- A-S08-1    Relationship Among HbA1c, Self-Care Behaviors, and Sense of Harmony Between Body and Mind in People with Type 2 Diabetes  
Tezukayama Gakuin University    **Yurika Chiba**
- A-S08-2    Intergenerational Stress and Metabolic Vulnerability in Older Adults: A Family-Level Social Context Analysis  
The University of Western Australia    **Dimas Fajar Prasetyo**
- A-S08-3    The Protective Effect of Higher Education on Neuropsychological Function in Type 2 Diabetes  
Department of Psychology, Chung Shan Medical University    **Bei-Yi Su, et al.**
- A-S08-4    T2DM in Midlife: A Silent Threat to the Mind  
Department of Psychology, Chung Shan Medical University    **Li-Hsin Peng, et al.**

Thursday, May 21    Digital Poster Room 5    3F    Event Hall

## Short Oral 9

Islet biology 2    8 : 30~9 : 15

Chair    Kobe University    **Shun-Ichiro Asahara**

- A-S09-1    NERP-4-deleted VGF impairs beta-cell granulogenesis and insulin secretion  
Department of Veterinary Science, University of Miyazaki / Laboratory of Biomolecular Analysis, Institute for Protein Research, Osaka University    **Weidong Zhang, et al.**

- A – SO9 – 2 Hyperinsulinemia induced by ectopic insulin production causes adaptive autophagy in islet beta cells  
Department of Medical Physiology, Graduate School of Medicine,  
Chiba University **Olga Lineth Mercado Garcia, et al.**
- A – SO9 – 3 Rescuing  $\beta$ -Cells from Ferroptosis: The Protective Role of Thiazolidinediones  
Jeju National University College of Medicine **Gwanpyo Koh, et al.**
- A – SO9 – 4 Thermal Stress and Islet Fragility: Predicting Beta Cell Vulnerability Through Multiscale Climate-Metabolism Models  
Nutrition and Health Bureau, Pratama EduHealth Center **Farah Miftakhul Ilfa**
- A – SO9 – 5 Therapeutic Effects of Mesenchymal Stem Cells in Diabetes Mellitus: A Systematic Review and Meta-analysis  
University Of Pelita Harapan, School of Medicine **Abimanyu Sakh, et al.**
- A – SO9 – 6 Intrapancreatic Distribution of Beta Cells in Type 1 Diabetes Quantified by GLP-1 Receptor targeted Radiotracer Imaging  
Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine,  
Kyoto University **Kentaro Sakaki, et al.**

## Short Oral 10

### Big data analysis in Diabetes 1 9 : 15~9 : 55

Chair Department of Diabetes, Endocrinology and Nutrition, Kyoto University Hospital **Kaori Ikeda**

- A – SO10 – 1 Development of a SHAP-Optimized Machine Learning Model for Predicting Glucose Correction in Hyperglycemic Crisis  
Kawasaki Medical School **Yuichiro Iwamoto, et al.**
- A – SO10 – 2 Interpretable Machine Learning Framework Integrating Biomarker Signatures for Diagnosis of Diabetes Mellitus  
HMFA-MIET **Manvendra Singh**
- A – SO10 – 3 AI Enabled Computational Frameworks for Rapid Identification of Therapeutic Targets in Diabetes.  
Pharmacy, SIHAS **Deepika Singh**
- A – SO10 – 4 Improving Diabetes Risk Stratification Through a Machine Learning-Based Prediction Model  
Institute of Epidemiology and Preventive Medicine, College of Public Health,  
National Taiwan University /  
Health Data Research Center, National Taiwan University **Jui Wang, et al.**
- A – SO10 – 5 Distinct Genetic and Clinical Profiles in T2D: K-means Clustering Compared with Extreme-Value Polygenic Risk Score  
National Health Research Institutes **Chun-Yi Lee, et al.**

## Short Oral 11

### Diabetes and Lipid Metabolism 10 : 05~10 : 50

Chair The University of Osaka Graduate School of Medicine **Mitsuyoshi Takahara**

- A – SO11 – 1 PREVALENCE OF UNSTABLE ATHEROSCLEROTIC PLAQUE AND ITS ASSOCIATION WITH LIVER DYSFUNCTION IN PROTEINURIC SUBJECTS  
DR.M.G.R. Educational and Research Institute **GAYATHRI SARAVANAN, et al.**
- A – SO11 – 2 Comparison of lipid profiles during the OGTT, MMTT, and IVGTT  
Department of Endocrinology, Mongolian National University of Medical Science,  
Ulaanbaatar / Endomed Hospital **Bolor Byambatsooj, et al.**
- A – SO11 – 3 Age dependent association of remnant cholesterol with atrial fibrillation, heart failure, and mortality  
Hallym Univeristy College of Medicine **Ji Hye Heo, et al.**

- A – SO11 – 4 Cardiovascular Risk Stratification in Normoglycemic, IGT, and Type 2 Diabetic Patients with Atherogenic Dyslipidemia  
DR. M.G.R. Educational and Research Institute **SURENDAR ARULALAN, et al.**
- A – SO11 – 5 Lipid and Glucose Patterns Across BMI Categories and the Prevalence of Metabolic Syndrome  
MDA diabetic clinic **Nyamsuren Selenge, et al.**
- A – SO11 – 6 Impaired Insulin Secretion Leading to Multifactorial Hypertriglyceridemia with Acute Pancreatitis  
Department of Endocrinology & Metabolism,  
Tokyo Metropolitan Center for Cancer & Infectious Diseases **Yuki Nagashima, et al.**

## Short Oral 12

### Prediabetes, obesity, metabolic syndrome 15 : 30~16 : 10

Chair Department of Medicine, University of Hong Kong **Kathryn Tan**

- A – SO12 – 1 Title: Sex Differences in the Effects of BMI on Platelet Count, Independent of Confounding Factors  
Department of Hematology, School of Medicine, MNUMS **Otgonbat Altangerel, et al.**
- A – SO12 – 2 Lifestyle factors associated with pre-metabolic syndrome in young adults: A cross-sectional study at Nagasaki University  
Department of Nursing Science, Faculty of Nursing and Nutrition, University of Nagasaki /  
Department of Endocrinology and Metabolism,  
Division of Advanced Preventive Medical Sciences, Graduate School of Biomedical Sciences,  
Nagasaki University **Haruka Arimori, et al.**
- A – SO12 – 3 Combination of Nutraceutical (Lagerstroemia & Cinnamomum) Plus Metformin Vs. Standard Therapy in Persistent Prediabetes  
Internal Medicine department of Bunda Hospital **eduard jansen thendiono, et al.**
- A – SO12 – 4 Neighborhood Deprivation, Pollution, Inflammation Burden Mapping Social Biological Interactions in Pre Diabetic Adults  
Nutrition and Health Bureau, Pratama EduHealth Center **Farah Miftakhul Ilfa**
- A – SO12 – 5 Large-Scale Population-Based findings from the Shanghai Diabetes Prevention and Clinical Care Database  
Shanghai Sixth People's Hospital Affiliated to  
Shanghai Jiao Tong University School of Medicine **Chun Cai, et al.**

## Short Oral 13

### Molecular dissection of diabetes and metabolic diseases 1 16 : 10~16 : 55

Chair Tohoku University Graduate School of Medicine **Junta Imai**

- A – SO13 – 1 Empagliflozin mitigates TZD-induced fluid retention via modulation of the VEGFA-VE cadherin axis in adipose tissue  
Department of Pharmacology, Korea University College of Medicine, Seoul **Hye Min Jang, et al.**
- A – SO13 – 2 Investigation of the Fyn-STAC3 Pathway in Skeletal Muscle Function  
Department of Internal Medicine, Division of Endocrinology and Metabolism,  
Gunma University Graduate School of Medicine **Mai Nagumo, et al.**
- A – SO13 – 3 Imeglimin enhances glucose uptake in 3T3-L1 adipocytes and C2C12 skeletal muscle cells  
Division of Internal Medicine, Department of Human Biology and Pathophysiology,  
School of Dentistry, Health Sciences University of Hokkaido **Nobuhiko Takahashi, et al.**
- A – SO13 – 4 Effect of adipocyte-specific Smc5 knockout on glucose and lipid metabolism  
Peking University People's Hospital, Peking University **Yuanping Shi, et al.**
- A – SO13 – 5 Combination of Dapagliflozin and Febuxostat in Uncontrolled Diabetic Gout Nephropathy  
Internal Medicine Department of Bunda Hospital **Eduward Jansen Thendiono**

- A – SO13 – 6 Circulating immunometabolic alterations in diabetic kidney disease revealed by Multi-omics analysis  
 Chungnam National University Hospital / Department of Medical Science, College of Medicine,  
 Chungnam National University, Daejeon /  
 System Network Inflammation Control Research center, Chungnam National University, Daejeon **Jiyeon Yoon, et al.**

## Short Oral 14

### Diabetes kidney disease 1 17 : 05~17 : 45

Chair Department of Endocrinology and Diabetes, Fukuoka University School of Medicine **Daiji Kawanami**

- A – SO14 – 1 NSAID Exposure and Risk of Acute Kidney Injury in Patients with Diabetes: A Machine Learning Study  
 Institute of Epidemiology and Preventive Medicine, College of Public Health,  
 National Taiwan University / Graduate Program of Data Science,  
 National Taiwan University and Academia Sinica **Le-Yin Hsu, et al.**
- A – SO14 – 2 Association of Crossing Nailfold Capillaries with e GFR Stage Progression over 4 Years in Patients with Type 2 Diabetes  
 Shiga University of Medical Science **Maiko Shikama, et al.**
- A – SO14 – 3 The impact of estimated salt intake on diabetes-related kidney disease in individuals with type 2 diabetes  
 Anan Medical Center **Ken-ichi Aihara, et al.**
- A – SO14 – 4 Low Time in Range Predicts the Onset of Proteinuria and eGFR Decline in Type 2 Diabetes  
 Meiji Pharmaceutical University **Taichi Muramatsu, et al.**
- A – SO14 – 5 Effectiveness and Safety of Finerenone in Patients with Diabetic Kidney Disease: A Real-world Observational Study  
 Yonsei University College of Medicine **Yong-ho Lee, et al.**

Thursday, May 21 Digital Poster Room 6 3F Event Hall

## Short Oral 15

### Cardiovascular-Kidney-Metabolic 2 8 : 30~9 : 15

Chair Division of Diabetology and Metabolism, Department of Internal Medicine,  
 Tokyo Women's Medical University School of Medicine **Tomoko Nakagami**

- A – SO15 – 1 AI-Derived Insulin Resistance Reveals Early Decline and Late Compensation in Cardiac Index in Non-Diabetic Individuals  
 Division of Artificial Intelligence, Department of Digital Medicine,  
 Taichung Veterans General Hospital **WEI-JU LIU, et al.**
- A – SO15 – 2 HDL levels is associated with Left ventricular Ejection fraction in Type 2 DM Patients without diastolic heart failure  
 Department of Surgery, Daegu Catholic University Hospital **Jaehoon Lee, et al.**
- A – SO15 – 3 Withdrawn
- A – SO15 – 4 Thoracic Electrical Bioimpedance Identifies Early Hemodynamic Abnormalities Suggestive of HFpEF in T2DM  
 Institute of Medicine, Chung Shan Medical University **Chih-Li Lin, et al.**
- A – SO15 – 5 Withdrawn
- A – SO15 – 6 Wearable Heart Rate Features Classify Glycemic Control in Type 2 Diabetes  
 Department of Psychology, College of Medical and Health Science, Asia University **Yu-Chi Liao, et al.**

## Short Oral 16

## Genetic analysis in Diabetes 9 : 15~10 : 00

Chair University of Hong Kong **Chloe Yu-Yan Cheung**

- A – SO16 – 1 Whole-Genome Sequencing Reveals Novel Genetic Markers of Sporadic and Familial Type 1 Diabetes in the Russian Population  
Endocrinology Research Centre **Ildar Minniakhmetov, et al.**
- A – SO16 – 2 Missense mutation of ISL1 (E283D) is associated with the development of type 2 diabetes  
The Second Norman Bethune Hospital of Jilin University /  
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiaotong University **Limei Liu, et al.**
- A – SO16 – 3 Concurrent HNF1A-MODY and Autoimmune Type 1 Diabetes in a Vietnamese Adolescent: A Rare Dual-Diabetes Case  
Nhan dan Gia Dinh hospital / Endocrinology Clinic,  
Hanh Phuc International Hospital, Ho Chi Minh City **Khang Le Anh Nguyen, et al.**
- A – SO16 – 4 Population-Specific NRG4 Genetic Variants Link Visceral Adiposity to Type 2 Diabetes in the Chinese Population  
First Affiliated Hospital, School of Medicine, Zhejiang University **Li Jin, et al.**
- A – SO16 – 5 A novel LPL p.I276T mutation impairs protein secretion and catalytic function to cause Familial Hypertriglyceridemia  
Shanghai Diabetes Institute / Shanghai Key Laboratory of Diabetes Mellitus /  
Shanghai Clinical Center for Diabetes / Shanghai Sixth People's Hospital Affiliated to  
Shanghai Jiao Tong University School of Medicine **Yang Hua, et al.**
- A – SO16 – 6 Influence of Haptoglobin Genotype on the Correlation of ADMA and DDAH 1 Polymorphism with Diabetic Macroangiopathy  
Shanghai Sixth People's Hospital Affiliated to Shanghai  
Jiao Tong University School of Medicine **Shiyun Wang, et al.**

## Short Oral 17

## Big data analysis in diabetes 2 10 : 05~10 : 45

Chair Japan Institute for Health Security **Mitsuru Ohsugi**

- A – SO17 – 1 Cracking the South Asian T2D Code: A Multi Omics Interactome for Precision Therapy  
University of Wisconsin **Md Shariful Islam**
- A – SO17 – 2 Machine-Learning-Identified Gut Microbial Metabolic Signatures Predict Early Dysglycemia via Functional Pathway Modeling  
IMCDS-BioMed Research Foundation **Prihantini Prihantini, et al.**
- A – SO17 – 3 Early Molecular Predictors of T2D: A Multi-Omics Systematic Review Integrating Genomic, Proteomic, and Metabolomic Proven  
The University of Western Australia **Dimas Fajar Prasetyo**
- A – SO17 – 4 Polygenic Determinants of Exercise Effects on AI-Derived Insulin Resistance: A Causal Machine Learning Study  
Division of Artificial Intelligence, Department of Digital Medicine,  
Taichung Veterans General Hospital **I-Hsin Huang, et al.**
- A – SO17 – 5 TRE Metabolic Responses in Type 2 Diabetes: Multi-Omics Insights into Hormonal, Microbiome, and Glycemic Pathways  
Mathematics Department, Bandung Institute of Technology **Rani Sulvianuri**

## Short Oral 18

## Diabetes education 2 10 : 45~11 : 30

Chair Department of Diabetes, Endocrinology and Metabolism, Gifu University Hospital, Gifu **Takehiro Kato**

- A – SO18 – 1 Enhancing the Effectiveness of Hypoglycemia Prevention in an Integrated Ward through Nursing Care Specialization  
Chi Mei Medical Center **Hsiu-Ling Wang, et al.**
- A – SO18 – 2 Effectiveness of Interdisciplinary Team Collaboration in Preventing Recurrent Hypoglycemia in Medical Wards  
Chi Mei Medical Center **Hsiu-Ling Wang, et al.**
- A – SO18 – 3 Withdrawn
- A – SO18 – 4 Cost Benefit Analysis of Digital Therapeutics for Cardiometabolic Disorders in Emerging Asian Health Markets  
Healthy Living Division, Gema Economy Indonesia **Darius Laia**
- A – SO18 – 5 Impact of Personal Health Record Use on HbA1c Improvement in People with Type 2 Diabetes  
University of Nagasaki **Isaki Hanamura, et al.**
- A – SO18 – 6 The behavior and clinical significance of hypoglycemia occurred in diabetic outpatients  
Kaohsiung Medical University Chung-Ho Memorial Hospital **Hsiu-Ling Liang, et al.**

## Short Oral 19

## Diabetes and pharmacology 15 : 30~16 : 20

Chair University of California, Irvine **Qin Yang**

- A – SO19 – 1 Drug Class Matters: Glucose-Lowering Agents and Early Discharge After Post-Stroke Rehabilitation  
Department of Pharmacy, Faculty of Pharmacy, Musashino University **Takeshi Horii, et al.**
- A – SO19 – 2 Study of efficacy and safety of Imeglimin an aminotriazine (newer antidiabetic) among patients with type 2 DM in India  
GMERS Medical College **Jatinkumar Veljibhai Dhanani, et al.**
- A – SO19 – 3 Imeglimin in mitochondrial diabetes: two cases with stable venous lactate under serial monitoring  
Department of Diabetes, Endocrinology and Nutrition,  
Kyoto University Graduate School of Medicine **Nobuki Isogai, et al.**
- A – SO19 – 4 Withdrawn
- A – SO19 – 5 Withdrawn
- A – SO19 – 6 Acquired Hemophilia in Patients with diabetes Treated with DPP-4 Inhibitors  
Kurashiki Central Hospital (Ohara HealthCare Foundation) **Reiko Sunami, et al.**
- A – SO19 – 7 Insulin Icodec-associated Edema: A Case Report Highlighting Its Delayed Resolution Profile  
Department of Diabetes, Endocrinology and Nutrition,  
Kyoto University Graduate School of Medicine **Akihiro Narita, et al.**

## Short Oral 20

Diabetes and pregnancy 16 : 20~16 : 50

Chair National Center for Child Health and Development Naoko Arata

- A – SO20 – 1 Effect of structured education on maternal and child health outcome pregnant women with hyperglycemia in pregnancy  
Mongolian National University of Medical Sciences **Agidulam Zorigoo, et al.**
- A – SO20 – 2 The efficacy of applying interdisciplinary collaborative care models to manage gestational diabetes  
Kaohsiung Medical University Chung-Ho Memorial Hospital **Hsiu-chu Lin, et al.**
- A – SO20 – 3 Parity and Risk of Diabetes among Korean Parous Women: A National Survey-Based Analysis  
Departments of Occupational and Environmental Medicine, Kyung Hee University Hospital **Seong-Ho Moon, et al.**
- A – SO20 – 4 Improve GDM mother post-partum OGTT screening rate by multi-component care model.  
Taoyuan General Hospital, Ministry of Health and Welfare **HsinYi Tseng, et al.**

## Short Oral 21

Diabetes Risk Prediction 17 : 00~17 : 45

Chair Yeungnam University College of Medicine Kyuchang Won

- A – SO21 – 1 Association Between Urinary Phthalate Metabolites, Insulin Resistance, and Type 2 Diabetes Risk in Taiwanese Adults  
Intelligent Data Mining Laboratory, Department of Medical Research,  
Taichung Veterans General Hospital **Yu-Jung Lin, et al.**
- A – SO21 – 2 Associations Between Glycemic Status and Platelet Parameters in Normoglycemic and Diabetic Individuals  
Mongolian National University of Medical Sciences **Narkhajid Galsanjigmed, et al.**
- A – SO21 – 3 Validation of Hair Glycation Protein Measurement as a Non-Invasive Screening Method for Diabetes: TellMe study  
National Hospital Organization Osaka National Hospital, Diabetes center **Yuika Kishi, et al.**
- A – SO21 – 4 Lipoprotein(a) is associated with cardiorenal and mortality outcomes in type 2 diabetes: the Hong Kong Diabetes Biobank  
Department of Medicine and Therapeutics, The Chinese University of Hong Kong **Claudia Ha-ting Tam, et al.**
- A – SO21 – 5 Sleep and Circadian Rhythm Disruption in Diabetes Progression: A Systematic Review of Human and Animal Evidence  
Health Administration, Temanggung Public Health Center **Riana Dwi Kurniawati**
- A – SO21 – 6 Sleep Quality Trajectories and Risk of Incident Type 2 Diabetes Mellitus  
Institute of Epidemiology and Preventive Medicine, College of Public Health,  
National Taiwan University / Health Data Research Center, National Taiwan University **Jui Wang, et al.**

## Short Oral 22

Diabetes and Periodontitis 17 : 45~18 : 15

Chair Centre for Global Health Research, Diabetic Association of Bangladesh, Dhaka Bishwajit Bhowmik

- A – SO22 – 1 The effect of regular dental scaling on the long-term risk of acute myocardial infarction in patients with diabetes  
Taipei Medical University Hospital **Chien-Chang Liao, et al.**

- A – SO22 – 2 Integrative Network Pharmacology and Experimental Validation of Gurmar Formula in Diabetic Periodontitis  
Pharmacy, SIHAS **Deepika Singh**
- A – SO22 – 3 Periodontitis and Its Association With Diabetes in an Apparently Healthy Cohort  
Chosun university hospital **Young Sang Lyu, et al.**
- A – SO22 – 4 Integrated sIL-1RAP and NEAT1/miR-146a dysregulation potentiates inflammation in Type 2 Diabetes with Periodontitis  
Institute of Post Graduate Medical Education & Research **Sucharita Banerjee, et al.**

Friday, May 22 Digital Poster Room 2 3F Event Hall

### Short Oral 23

#### Socioeconomical burden and diabetes 2 8 : 40~9 : 30

Chair Kazakh Society for Study of Diabetes **Zhanay A Akanov**

- A – SO23 – 1 Income Inequality, Health Expenditure Patterns, and Cardiometabolic Disease Progression: A Multilevel Economic Study  
Hasanuddin University **Mariani Mariani**
- A – SO23 – 2 Household Labor Burden, Caregiver Stress, Glycemic Aging in Older Women Diabetes in Social Behavioral Analysis  
Monitoring and Evaluation Unit, Sidorejo Kidul Health Public Center **Anekawati Anekawati**
- A – SO23 – 3 Digital Poverty and Delayed Diabetes Care Among Older Adults: A Multi-Country Social Determinants Analysis  
Temanggung Public Health Center **Riana Dwi Kurniawati**
- A – SO23 – 4 Food System Instability and Dietary Shifts in Diabetes: Modeling Nutrition Resilience Under Climate and Economic Stress  
Research and Development, Nusantara Young Minds **Naura Aunty**
- A – SO23 – 5 Social determinants models predict early onset diabetes by environmental stressors, food access and metabolic profiles  
Health and Learning Department, Binneka Growth Generation Institute **Fala Abdillah**
- A – SO23 – 6 Income and risk of type 2 diabetes incidence varied associations according to obesity status: a nationwide study  
Chung-Ang University College of Medicine **Jee Hee Yoo, et al.**
- A – SO23 – 7 AI-Based Multi-Country Clinical-Economic Model Predicting Financial Toxicity in Older Adults With Diabetes  
International University Semen Indonesia **Sahnaz Vivinda Putri, et al.**

### Short Oral 24

#### Diabetes in elderly 2 9 : 30~10 : 15

Chair University of Tsukuba **Motohiro Sekiya**

- A – SO24 – 1 A Case of Improved Physical Function After Semaglutide in Type 2 Diabetes With Sarcopenic Obesity  
Ise Red Cross Hospital **kentaro azuma, et al.**

- A – SO24 – 2 Predictors of Osteoporosis-Level Femoral Neck T-scores in Hospitalized Patients With Diabetes: A Multivariable Analysis  
Gunma University Graduate School of Medicine **SHUNICHI MATSUMOTO, et al.**
- A – SO24 – 3 Clinical Characteristics of Femoral Neck Osteoporosis in Hospitalized Patients With Diabetes: A Cross-Sectional Analysis  
Gunma University Hospital **Risa Kajita, et al.**
- A – SO24 – 4 Prevalence of Sarcopenia and Frailty among Older Adults With and Without Type 2 Diabetes Mellitus  
Chung Shan Medical University Hospital **Yueh-Chu Wu, et al.**
- A – SO24 – 5 Prospective Longitudinal study on the brain structural changes in type 2 diabetes: BHQ-T2DM study protocol  
Department of Diabetes, Endocrinology and Nutrition, Kyoto University Hospital **Toshinori Imaizumi, et al.**
- A – SO24 – 6 Exosomal miR-223-3p is a potential biomarker for mild cognitive impairment for patients with type 2 diabetes mellitus  
Department of Endocrinology and Metabolism, The First Affiliated Hospital of USTC, University of Science and Technology of China **Haoqiang Zhang**

## Short Oral 25

### Cardiovascular-Kidney-Metabolic 3 10 : 25~11 : 10

Chair The University of Osaka Graduate School of Medicine **Mitsuyoshi Takahara**

- A – SO25 – 1 TyG Index, TyG-WHR, and TyG-ABSI and CVD risk among people with normal glucose tolerance  
National Cerebral and Cardiovascular Center **Paramita Khairan, et al.**
- A – SO25 – 2 The cardiovascular risk assessment among patients with type 2 diabetes in the central hospital MNUMS Mongolia  
Mongolian National University of Medical Sciences **Delgermaa Erdenebat, et al.**
- A – SO25 – 3 Diabetes control and complications from a hospital based registry established in Central Hospital of MNUMS  
Mongolian National University of Medical Sciences **Bilguudei Boldsaikhan, et al.**
- A – SO25 – 4 All -case post-marketing surveillance (PMS) of metreleptin in Japan from 2013 to 2022  
Division of Endocrinology and Metabolism, Department of Internal Medicine, Jichi Medical University **Ken Ebihara, et al.**
- A – SO25 – 5 Gut microbiome therapies reviewed for cardiometabolic disease on probiotics, prebiotics and fecal transplantation trials  
Faculty of Medicine, Hasanuddin University **Lutfiah Lutfiah**
- A – SO25 – 6 Early GLP-1 RA-SGLT2i Combination and Mortality and Cardiorenal Outcomes in Cardiovascular-Kidney-Metabolic Stages 2-3  
Division of Genetics and Endocrinology, Department of Pediatrics, Chung Shan Medical University Hospital **Pin-Hung Li, et al.**

Friday, May 22 Digital Poster Room 3 3F Event Hall

## Short Oral 26

Diabetes and eye health 8 : 40~9 : 20

Chair Yonsei University College of Medicine Bong-Soo Cha

- A – SO26 – 1 Environmental Stressors and Retinal Aging Trajectories: Genotype-Climate Interactions in Diabetes-Associated Retinopathy  
Health and Learning Department, Bhinneka Growth Generation Institute **Fala Abdillah**
- A – SO26 – 2 Machine Learning-Driven Ocular Multi-Omics Score for Mechanistic Subtyping of Early Diabetic Retinopathy  
International University Semen Indonesia **Sahnaz Vivinda Putri, et al.**
- A – SO26 – 3 Evaluating the Accuracy and Practical Constraints of Machine Learning Systems for Diabetic Retinopathy Screening  
HMFA-MIET **Manvendra Singh**
- A – SO26 – 4 Association between Elevated Intraocular Pressure and Risk of Type 2 Diabetes Incidence in Japanese  
Osaka Metropolitan University Graduate School of Medicine **Haruka Yasuba, et al.**
- A – SO26 – 5 SGLT2 Inhibition Delays Diabetic Cataract by Modulating the AGE-RAGE-IGFBP2-FBN1 Axis and Reducing Crystallin Disruption  
Department of Medical Education and Research, Kaohsiung Veterans General Hospital **peiwen cheng, et al.**

## Short Oral 27

Socioeconomical burden and diabetes 3 9 : 20~10 : 10

Chair Kyushu University Toshiaki Ohkuma

- A – SO27 – 1 Associations between medical health resources and diabetes standardized incidence ratios: an ecological study in Japan  
Tohto University **Shota Ogawa, et al.**
- A – SO27 – 2 The role of cultural and belief systems in social support and self-management for diabetes in sub-Saharan Africa.  
The Centre for Quality and Patient Safety, School of Nursing and Midwifery, Faculty of Health, Deakin University, Melbourne / Jimma University, Institute of Health, School of Nursing, Jimma **Israel Bekele Molla, et al.**
- A – SO27 – 3 Gendered Care Burden, Household Decision-Making, and Diabetes Care Cascades in Indonesia: A Multilevel IFLS Analysis  
Telkom University **Aminatus Saadah**
- A – SO27 – 4 Withdrawn
- A – SO27 – 5 Withdrawn
- A – SO27 – 6 OSA Risk and Type 2 Diabetes Using Cost-Efficient Diagnostic Tools in Siloam Karawaci Outpatients  
Pelita Harapan University, School of Medicine **Abimanyu Sakh, et al.**
- A – SO27 – 7 Withdrawn

## Short Oral 28

## Obesity and Liver Disease in Diabetes 10 : 20~11 : 05

Chair Toranomon Hospital, Tokyo Takayasu Uchida

- A – SO28 – 1 Adjunctive Pharmacotherapy for Bariatric Surgery: A Network Meta-Analysis of RCTs  
Republic of Indonesia Defense University **Arohid Allatib**
- A – SO28 – 2 Prognostic Value of CT-assessed Skeletal Muscle Quality for Metabolic Recovery in Severe Obesity  
Point Hospital **EUNSUN OH, et al.**
- A – SO28 – 3 Ultrasound-Defined Hepatic Steatosis Severity and Its Associations with Lipid Profiles and FIB-4 in Mongolian Adults  
MDA Diabetes Clinic, Ulaanbaatar **Oyumaa Davaasuren, et al.**
- A – SO28 – 4 Effectiveness and Safety of Saroglitazar in Indian Metabolic Disease Patients and its effect on the FIB-4 Index  
Magna Centres for Obesity, Diabetes and Endocrinology **Ramakrishnan Santosh**
- A – SO28 – 5 Visceral Fat, Metabolic Risk Clustering, and MASLD Prevalence among Mongolian Mine Workers  
MDA Diabetic Clinic **Oyumaa Davaasuren, et al.**
- A – SO28 – 6 Discontinuation and Non-publication of Liver transplantation Clinical Studies: A Cross-Sectional Analysis  
Faculty of Medicine, Benha University **Yousef Radwan Alnomani, et al.**

Friday, May 22 Digital Poster Room 4 3F Event Hall

## Short Oral 29

## Molecular dissection of diabetes and metabolic diseases 2 8 : 40~9 : 25

Chair Kansai Electric Power Medical Research Institute, Osaka Yuji Yamazaki

- A – SO29 – 1 GPSM1 Promotes Obesity and Diabetes by Regulating AgRP Neurons via Fatty Acid Oxidation  
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine /  
Shanghai Diabetes Institute / Shanghai Key Laboratory of Diabetes Mellitus /  
Shanghai Clinical Centre for Diabetes **Liwei Chen, et al.**
- A – SO29 – 2 Metabolic responses to microstimulation of peripheral sympathetic nerve differ in standard chow- and high-fat-fed rats  
Department of Biochemical Engineering, Graduate School of Science and Engineering,  
Yamagata University **Daisuke Sato, et al.**
- A – SO29 – 3 Glucagon receptor blockade protects spermatogenesis by enhancing lactate production in Sertoli cells  
Department of Endocrinology and Metabolism, State Key Laboratory of Female Fertility Promotion,  
Peking University Third Hospital **Li Xia, et al.**
- A – SO29 – 4 Dual SGLT2 and Alpha-Glucosidase Inhibition Improves Beta-Cell Function and Attenuates Senescence in db/db Mice  
Department of Internal Medicine, Seoul National University College of Medicine /  
Department of Internal Medicine, Seoul National University Hospital **Serin Hong, et al.**
- A – SO29 – 5 Electronic device alleviates high-glucose-induced oxidative stress and mitochondrial dysfunction in RAW264.7 macrophages  
Taiwan Resonant Waves Research corp. **Chi-Kai Yang, et al.**
- A – SO29 – 6 Fucoidan treatment improves diabetic hyperglycemia and dyslipidemia in diabetic rodent models: Meta-analysis  
Sagami Women's University **Masako Shimada, et al.**

## Short Oral 30

## Type 1 diabetes

9 : 25~10 : 05

Chair Tokushima University, Naniwa Hospital Munehide Matsuhisa

- A – SO30 – 1 Prevalence and Clinical Characteristics of Autoimmune Thyroid Disease in Patients With Type 1 Diabetes  
National Kohnodai Medical Center, Japan Institute for Health Security,  
Department of Diabetes, Endocrinology and Metabolism **Mariko Hakoshima, et al.**
- A – SO30 – 2 Baseline demographic and clinical characteristics of children with type 1 diabetes in Mongolia  
Endomed clinic / Mongolian National University of Medical Sciences **Ariunchanar Altansukh, et al.**
- A – SO30 – 3 Bioinformatics Maps a Pancreas-Lymph Node Multi-Omic Connectome for Early Progression Prediction in Type 1 Diabetes  
Temanggung Public Health Center **Riana Dwi Kurniawati**
- A – SO30 – 4 A pediatric patient of type 1B diabetes with disease-susceptible HLA haplotype  
Department of Pediatrics, Shiga University of Medical Science **Shizuyo Nagai, et al.**
- A – SO30 – 5 Immune Checkpoint Inhibitor-Induced Fulminant T1 Diabetes with Diabetic Ketoacidosis: Impact on Primary Cancer Prognosis  
A126 Section for T1D, Department of Endocrinology & Metabolism,  
Tokyo Metropolitan Center for Cancer & Infectious Diseases **Shinichiro M. Koga**

## Short Oral 31

## Technology in diabetes

10 : 15~11 : 00

Chair Diacare-Diabetes Care and Hormone Clinic Banshi Saboo

- A – SO31 – 1 Investigating the Interplay of Glucose and Ketone during Controlled Insulin Deficiency via Continuous Monitoring  
Department of Endocrinology, First Affiliated Hospital and Clinical Medicine College,  
Henan University of Science and Technology **Peng Liu, et al.**
- A – SO31 – 2 Differential Effects of Insulin Degludec and Glargine U300 on Multidimensional CGM-Derived Glucose Dynamics in T1DM  
Division of Diabetes and Endocrinology, Department of Internal Medicine,  
Kobe University Graduate School of Medicine **Hayato Fukumitsu, et al.**
- A – SO31 – 3 Technology-Assisted Diabetes Care: Management of Hypoglycemia in a Case of Type 1 Diabetes  
Tungs' Taichung MetroHarbor Hospital **XIAO-YIN HUANG, et al.**
- A – SO31 – 4 Long-term effects of CSII in adults with T2DM patients: A 6-year follow-up retrospective analysis  
Konkuk University Medical School **Soo-Bong Choi**
- A – SO31 – 5 Continuous Glucose Monitoring Improves HbA1c and LDL-C in Prediabetes: A 6-Month Prospective Taiwanese Cohort Study  
Kaohsiung Medical University Chung-Ho Memorial Hospital **Hsin-Yu Chao, et al.**
- A – SO31 – 6 Association between OGTT 1-h plasma glucose-defined dysglycemia and CGM metrics  
Division of Diabetes and Endocrinology, Department of Internal Medicine,  
Kobe University Graduate School of Medicine **Seiji Nishikage, et al.**

Friday, May 22 Digital Poster Room 5 3F Event Hall

## Short Oral 32

Diabetes kidney disease 2 8 : 40~9 : 20

Chair Shiga University of Medical Science Shinji Kume

- A-SO32-1 Withdrawn
- A-SO32-2 Metabolomic profiling for the prediction of diabetic kidney disease in Chinese patients with type 2 diabetes  
Department of Medicine, School of Clinical Medicine, University of Hong Kong /  
State Key Laboratory of Pharmaceutical Biotechnology, University of Hong Kong /  
Guangdong-Hong Kong Joint Institute for Metabolic Medicine, University of Hong Kong **Chloe YY Cheung, et al.**
- A-SO32-3 Circulating protein signatures linked to PD-L1<sup>+</sup> immature neutrophils and T cell activation predict high-risk DKD.  
Chungnam National University / Research Center for Endocrine and Metabolic Diseases,  
Integrated Disease Research Institute / Department of Internal Medicine,  
Chungnam National University Hospital & College of Medicine **Junseo Kim, et al.**
- A-SO32-4 Remote ischemic preconditioning protects podocyte function and suppresses the progression of diabetic nephropathy  
Department of Pathology, Kochi Medical School **Waka Iwashita, et al.**
- A-SO32-5 Urinary Exosomal miRNA Profiling in Diabetic Kidney Disease  
Department of Medicine, Kasturba medical College, manipal,  
Manipal Academy of higher education **Cynthia Amrutha Sukumar, et al.**

## Short Oral 33

Medical Nutrition Therapy for Diabetes 9 : 20~10 : 00

Chair Department of Clinical Nutrition, Faculty of Medicine, Fujita Health University Katsumi Iizuka

- A-SO33-1 Exploratory study of calf circumference and BMI in GLIM criteria-defined undernutrition among people with diabetes  
Center for Metabolism and Clinical Nutrition, Kansai Electric Power Hospital /  
Kansai Electric Power Medical Research Institute **Shota Moyama, et al.**
- A-SO33-2 Longitudinal Impact of Eating Behavior on Glycemia, MASLD and DKD in Type 2 Diabetes  
National Kohnodai Hospital Medical Center / National Center for Global Health and Medicine **Yuki Abe, et al.**
- A-SO33-3 Withdrawn
- A-SO33-4 Impact of a Simplified Meal Sequence Rule on Postprandial Glycemia in Type 2 Diabetes  
Yutaka Seino Distinguished Center for Diabetes Research,  
Kansai Electric Power Medical Research Institute / Center for Diabetes,  
Endocrinology and Metabolism, Kansai Electric Power Hospital **Sai Nishioka, et al.**
- A-SO33-5 Insulin and Phosphate-Guided Caloric Adjustment Model in Interprofessional Practice for Critically Ill Diabetic Patients  
Tungs' Taichung MetroHarbor Hospital **Pei-Rong Li, et al.**

## Short Oral 34

## Diabetes therapy: GLP-1 receptor agonists 10 : 10~11 : 00

Chair Showa Medical University School of Medicine Yusaku Mori

- A – SO34 – 1 Is the Glucagon-like peptide-1 receptor really the weight-loss choice for non-diabetics  
Chi Mei Medical Center **Min-Chia Yen, et al.**
- A – SO34 – 2 Dulaglutide for Metabolic Syndrome (Nondiabetic) with Non-Alcoholic Steatohepatitis: A Serial Case Report  
Internal medicine department of Bunda Hospital **Eduward Jansen Thendiono**
- A – SO34 – 3 Impact of semaglutide on metabolic parameters in Japanese patients after sleeve gastrectomy  
Division of Diabetes and Endocrinology, Kansai Medical University **Tomoe Ueki, et al.**
- A – SO34 – 4 Effects of oral and injectable semaglutide on diabetes-related quality of life in obese patients with type 2 diabetes  
Kanazawa Medical University **Yasutaka Takeda, et al.**
- A – SO34 – 5 Bridging Innovation and Access: Randomized Open-Label Bioequivalence Study of Semaglutide Injection in India  
Medical Affairs, Alkem Laboratories **Nitin Kapure, et al.**
- A – SO34 – 6 Association of GLP-1 Receptor Agonists with Mortality and Sepsis in People Living with HIV: A Target-Trial Emulation  
Division of Genetics and Endocrinology, Department of Pediatrics,  
Chung Shan Medical University Hospital / School of Medicine, Chung Shan Medical University **Pei-Yun Li, et al.**
- A – SO34 – 7 Mechanistic Dissection of Tirzepatide Signaling in Human EndoC-BH5 Cells: Is it truly a biased dual agonist?  
Human Cell Design **Hamza Olleik, et al.**

Friday, May 22 Digital Poster Room 6 3F Event Hall

## Short Oral 35

## Diabetes education 1 8 : 40~9 : 25

Chair Department of Endocrinology, Diabetes and Metabolism,  
Fujita Health University School of Medicine, Toyoake Takuya Haraguchi

- A – SO35 – 1 Current Status and Challenges of Diabetes Management in Home Healthcare and Nursing Settings in Japan  
Kansai Electric Power Hospital **Yoshiyuki Hamamoto, et al.**
- A – SO35 – 2 Diagnostic accuracy and inter-rater reliability of a simplified diabetes foot screening tool for use by laypersons  
National University of Singapore **Kavita Venkataraman, et al.**
- A – SO35 – 3 Preliminary Evaluation of an Educational Program for Footcare Nurses: Tinea Assessment Skills using Direct Microscopy  
Department of Health Sciences, Graduate School of Health Sciences, Fujita Health University **Chihiro Naito, et al.**
- A – SO35 – 4 Promoting ACP Among Diabetes Care Professionals Using the Moshi-Bana Game: An Interdisciplinary Seminar Study  
Oita University Nursing School of Medicine **Sachiko Waki, et al.**
- A – SO35 – 5 Effects of Integrated Diabetes Care In Patients With Type 2 Diabetes And Overweight Or Obesity  
Peking University Third Hospital **Wenhui Zhang, et al.**

A – SO35 – 6 THE IMPACT OF HEALTHY LIFESTYLE AND EATING BEHAVIORS ON STRESS REDUCTION

Intermed Hospital **Bilguun Erdenechuluun, et al.**

### Short Oral 36

#### Molecular dissection of diabetes and metabolic diseases 3 9 : 25~10 : 15

Chair The University of Hong Kong **Ruby L.C. Hoo**

A – SO36 – 1 Peripheral FGF1 reduces food intake and delays gastric emptying to improve metabolic homeostasis in obese mice

Department of Internal Medicine, Korea University College of Medicine /  
Department of Pharmacology, Korea University College of Medicine, Seoul **Ah Hyeon Lee, et al.**

A – SO36 – 2 Endothelial RAGE mediates cognitive impairment induced by latent inflammation.

Department of Diabetes, Endocrinology and Clinical Immunology, School of Medicine,  
Hyogo Medical University **Akio Miyoshi, et al.**

A – SO36 – 3 GSK-3beta Inhibition Mitigates Angiotensin II-Induced Neuroinflammation and Tauopathy in an Early Alzheimer's Rat Model

Kaohsiung Veterans General Hospital **Pei-Wen Cheng, et al.**

A – SO36 – 4 Design, Synthesis, and in silico studies of Pyrazole linked Thiazolidinedione Derivatives as Anticancer Agents

School of Pharmaceutical Education and Research, Jamia Hamdard **ANAM ILYAS, et al.**

A – SO36 – 5 Design, Synthesis, and Biological Evaluation of Novel Benzothiazole Scaffold as Antidiabetic Agents via GLP 1 Regulation

Jamia Hamdard **Vishal Mathur, et al.**

A – SO36 – 6 Dapagliflozin attenuate the transcriptional activation of CXCL1 via inhibiting H3K9 histone lactylation modification

The Second Hospital of Tianjin Medical University **Peizhang Li, et al.**

A – SO36 – 7 Design, Synthesis, and Biological Assessment of New Pyridine-Derived Thiazolidines as Dual Antidiabetic Agents

Jamia Hamdard **Vishal Mathur, et al.**