

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 Hung-Yuan Li	
A-SO1-1	DYRK1B controls hepatic glucose production via priming phosphorylation of GCN5 and PGC-1 α 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)	Masaru Mitsushima, et al.
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	Takao Naganuma, et al.
A-SO1-3	Withdrawn	
A-SO1-4	A novel GLP-1/GDF15 dual-agonist reduces hepatic inflammation and fibrosis in murine models Peking University People's Hospital	Yuanping Shi, et al.
A-SO1-5	HELZ2 negatively regulates transcription of mouse leptin receptor gene in hepatocytes Gunma University Graduate School of Medicine, Faculty of Medicine	Satoshi Yoshino, et al.

Short Oral 2

Socioeconomical burden and diabetes 1		9 : 10~9 : 55
Chair	Mongolian National University of Medical Sciences Altaisaikhan Khasag	
A-SO2-1	Withdrawn	
A-SO2-2	Withdrawn	
A-SO2-3	Withdrawn	
A-SO2-4	Withdrawn	
A-SO2-5	Withdrawn	

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A-SO3-1 Withdrawn

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A-SO3-3 Withdrawn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A-SO3-5 Withdrawn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 β -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 Nomiya**

- 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 – SO6 – 4 Waist circumference and risk of diabetic peripheral neuropathy: a meta-analysis
Tianjin University **Mengqing Zhang**
- A – SO6 – 5 Withdrawn

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 Withdrawn
- 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 Withdrawn

Short Oral 8

Diabetes and Distress 2 17 : 35~18 : 05

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

- 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 Withdrawn
- A-S08-3 Withdrawn
- A-S08-4 T2DM in Midlife: A Silent Threat to the Mind
Department of Psychology, Chung Shan Medical University Li-Hsin Peng, et al.

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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-S09-2 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-S09-3 Rescuing β -Cells from Ferroptosis: The Protective Role of Thiazolidinediones
Jeju National University College of Medicine Gwanpyo Koh, et al.
- A-S09-4 Withdrawn
- A-S09-5 Withdrawn

- A-SO9-6 Intrapaneatic 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 Withdrawn
- A-SO10-3 Withdrawn
- 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 Withdrawn
- 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 Withdrawn
- A-SO11-5 Withdrawn
- 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 Withdrawn
- A – SO12 – 5 Withdrawn

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 Withdrawn
- 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 Withdrawn

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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 Withdrawn
- A – SO15 – 2 Withdrawn
- 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 Withdrawn

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 Withdrawn
- 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 Withdrawn
- 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 Withdrawn

Short Oral 17

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

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

- A – SO17 – 1 Withdrawn
- A – SO17 – 2 Withdrawn
- A – SO17 – 3 Withdrawn
- A – SO17 – 4 Withdrawn
- A – SO17 – 5 Withdrawn

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 Withdrawn
- 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 Withdrawn
- 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 Withdrawn
- A – SO20 – 4 Withdrawn

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 Withdrawn
- 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 Withdrawn
- 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 Withdrawn
- A – SO22 – 2 Withdrawn
- A – SO22 – 3 Withdrawn

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 Withdrawn

A – SO23 – 2 Withdrawn

A – SO23 – 3 Withdrawn

A – SO23 – 4 Withdrawn

A – SO23 – 5 Withdrawn

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 Withdrawn

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 Withdrawn

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 Withdrawn

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 Withdrawn
- 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 Withdrawn

A-SO26-2 Withdrawn

A-SO26-3 Withdrawn

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 Withdrawn

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 Withdrawn

A-SO27-4 Withdrawn

A-SO27-5 Withdrawn

A-SO27-6 Withdrawn

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 Withdrawn

- 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 Withdrawn
- A – SO28 – 6 Withdrawn

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 Withdrawn
- 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 Withdrawn

Short Oral 31

Technology in diabetes 10 : 15~11 : 00

Chair Kansai Electric Power Medical Research Institute Sodai Kubota

- 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⁺ 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 Withdrawn

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 Withdrawn
- 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 Withdrawn

A – SO36 – 4 Withdrawn

A – SO36 – 5 Withdrawn

A – SO36 – 6 Withdrawn

A – SO36 – 7 Withdrawn