

July 21 (Fri), 2023**Opening Remarks**

08:45-09:00

Main Hall

IDF-WPR 2023 Presidential lecture

09:00-09:30

Main Hall

Chair Alicia Josephine Jenkins (Australia)

PR-01 IDF-WPR 2023 Presidential Lecture
*Takashi Kadowaki (National Public Servants Mutual Aid Association, Toranomon Hospital, Japan)***IDF Presidential lecture**

09:30-10:00

Main Hall

Chair Takashi Kadowaki (Japan)

PR-03 IDF and the way forward
*Akhtar Hussain (President, International Diabetes Federation / Nord University, Norway)***Plenary lecture 1**

10:10-11:00

Main Hall

Chair Takashi Kadowaki (Japan)

PL-01 How much progress have we made in treating diabetes?
*Domenico Accili (Columbia University, USA)***Plenary lecture 2**

11:10-12:00

Main Hall

Chair Toshimasa Yamauchi (Japan)

PL-02 Statistical genetics towards personalized medicine and drug discovery of human complex diseases.
*Yukinori Okada (Department of Genome Informatics, Graduate School of Medicine, the University of Tokyo, Japan)***Symposium (Education and Care)****WPR Disaster Program**

13:40-16:10

Main Hall

Chair Alicia Josephine Jenkins (Australia), Eiichi Araki (Japan)

EC-01-1 Diabetes and Disasters - Existent Resources
Alicia Josephine Jenkins (Baker Heart and Diabetes Institute, Australia)

EC-01-2 Lessons from Kumamoto Earthquake in 2016
Eiichi Araki (Kikuchi Medical Association Hospital, Kumamoto Health Science University, Japan)

EC-01-3 Management and Preparedness for Disaster Diabetes Care
Yasushi Ishigaki (Division of Diabetes, Metabolism and Endocrinology, Department of Internal Medicine, Iwate Medical University, Japan)

EC-01-4 Preparedness and care in old people with diabetes during natural disaster and pandemics
Shih-Yi Lin (Center for Geriatrics and Gerontology, Taichung Veterans General Hospital, Taiwan)

EC-01-5 Impact on Disaster on Diabetic Patients' Care in Malaysia: are we ready for the next disaster?
Mohazmi Bin Mohamed (Department of Primary Care Medicine, University of Malaysia, Malaysia)

EC-01-6 Diabetes epidemiology in the COVID-19
Yerin Hwang (Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine, Korea)

Program

Symposium (Clinical Science)

New insight of pathogenesis and management of sarcopenia associated with diabetes

13:40-16:10		Annex Hall 1
Chair	Kyong Soo Park (Korea), Kohjiro Ueki (Japan)	
CS-01-1	Brief Overview: Clinical Research on Sarcopenia associated with Diabetes <i>Hak Chul Jang (Seoul National University Bundang Hospital, Korea)</i>	
CS-01-2	Metabolic diseases and sarcopenia: when and how to properly prevent them <i>Yoshifumi Tamura (Juntendo University, Japan)</i>	
CS-01-3	Mitochondrial Dysfunction and Sarcopenia: Focusing on the Role of Pyruvate Dehydrogenase Kinase 4 <i>In-Kyu Lee (Kyungpook National University, Korea)</i>	
CS-01-4	Why does muscle mass decrease? -from the perspectives of diabetes and immobility- <i>Wataru Ogawa (Kobe University Graduate School of Medicine, Japan)</i>	
CS-01-5	Insulin / Akt pathway in skeletal muscle plays a protective role in the development of osteosarcopenia <i>Kohjiro Ueki (National Center for Global Health and Medicine, Japan)</i>	

Symposium (Basic Science)

Imaging of pancreatic beta cells

13:40-16:10		Annex Hall 2
Chair	Hail Kim (Korea), Hideaki Kaneto (Japan)	
BS-01-1	Pancreatic α and β cells are globally phase-locked <i>Huixia Ren (Peking university, China)</i>	
BS-01-2	Deciphering β -cell genesis using a time-resolved reporter system <i>Takeshi Miyatsuka (Kitasato University School of Medicine, Japan)</i>	
BS-01-3	Pathological evaluation of beta cell mass in human subjects <i>Hiroki Mizukami (Department of Pathology and Molecular Medicine, Hirosaki University Graduate School of Medicine, Japan)</i>	
BS-01-4	Basic and clinical research on beta-cell imaging for non-invasive evaluation of beta-cell mass <i>Takaaki Murakami (Department of Diabetes, Endocrinology and Nutrition, Kyoto University Hospital, Kyoto University, Japan)</i>	

Symposium (Education and Care)

Advocacy for the stigma of diabetes

13:40-16:10		Room A
Chair	Moon-Kyu Lee (Korea), Kazuhiro Tsumura (Japan)	
EC-02-1	Advocacy efforts to end diabetes stigma in Japan <i>Nagaaki Tanaka (KKR Hirakata Kohsai Hospital / Kansai Electric Power Medical Research Institute, Japan)</i>	
EC-02-2	Approaches to overcome stigmas of diabetes in Korea <i>Moon-Kyu Lee (Division of Endocrinology & Metabolism, Department of Internal Medicine Uijeongbu Eulji Medical Center, Eulji University School of Medicine, Korea)</i>	
EC-02-3	Diabetes Stigma in a Cultural Environment <i>Anita Permata Sari (Persatuan Diabetes Indonesia / Indonesia Diabetes Association, Indonesia)</i>	
EC-02-4	Diabetes and stigma - how the community has powered the conversation <i>Renza Scibilia (JDRF International / #dedoc° / Diabetogenic, Australia)</i>	
EC-02-5	Making a platform for the people with diabetes to be heard <i>Noriko Kodani (Center Hospital of the National Center for Global Health and Medicine, Japan)</i>	

Symposium (Basic Science)

MDIA I: Polygenic Diabetes

13:40-16:10		Room B-1
Chair	Linong Ji (China), Hong Kyu Lee (Korea)	
BS-02-1	Nuclear and mitochondrial genetic architecture of diabetes in Han Chinese and related to the pathophysiology of diabetes <i>Tien-Jyun Chang (Division of Endocrinology and Metabolism, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan)</i>	
BS-02-2	Genetic research on polygenic diabetes <i>Kazuki Yasuda (Kyorin University, Japan)</i>	
BS-02-3	Environmental polluting chemicals-induced diabetes: Focused on dioxin-induced mitochondrial toxicity <i>Youngmi Kim Pak (Kyung Hee University College of Medicine, Seoul, Korea)</i>	
BS-02-4	Genomic data science to elucidate the genetic risk of type 2 diabetes <i>Ken Suzuki (Faculty of Biology, Medicine, and Health, The University of Manchester, UK (Japan))</i>	
BS-02-5	Genetics of diabetes in Asians and clinical applications <i>Ronald Ching Wan Ma (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong)</i>	

Symposium (Clinical Science)

Long-term complications in young onset diabetes

13:40-16:10		Room B-2
Chair	Andrea On Yan Luk (Hong Kong), Akihisa Imagawa (Japan)	
CS-02-1	Long-term complications in young onset diabetes <i>Guang Ning (Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China)</i>	
CS-02-2	Complications in monogenic diabetes <i>Daisuke Tanaka (Kyoto University, Japan)</i>	
CS-02-3	Increased burden of diabetic complications and mortality in young Korean adults with diabetes <i>Eun-Jung Rhee (Department of Endocrinology and Metabolism, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea)</i>	
CS-02-4	Heterogeneity of young-onset Diabetes in Asia: A perspective from Thailand <i>Yotsapon Thewjitcharoen (Diabetes and Thyroid center, Theptarin Hospital, Bangkok, Thailand)</i>	
CS-02-5	Growing old with young-onset diabetes: what are the challenges? <i>Andrea On Yan Luk (The Chinese University of Hong Kong, Hong Kong)</i>	

Travel Grant Award Session

13:40-15:20		Room F
Chair	Kyu Chang Won (Korea), Toshimasa Yamauchi (Japan)	
WOTA-01-1	Using whole-exome sequencing to identify novel pathogenic variants in a Chinese obese cohort <i>Hong Zhang (Shanghai Diabetes Institute / Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOTA-01-2	Defective branched-chain amino acids catabolism in the hypothalamus leads to adiposity <i>Xing Ming (Department of Endocrine and Metabolic Diseases, Ruijin Hospital, Shanghai Jiaotong University School of Medicine, China)</i>	
WOTA-01-3	Understanding the regulation of Mig-6 on Energy Homeostasis due to modulating thermogenesis in brown adipose tissue <i>Sorim Choung (Research Institute for Medical Sciences, College of Medicine, Chungnam National University, Daejeon 35015, Republic of Korea / Department of Internal Medicine, College of Medicine, Chungnam National University School of Medicine, Daejeon 35015, Korea)</i>	
WOTA-01-4	SCAP-Activated Astrocyte Release 27-OHC Compromises Neuroplasticity Associated with Diabetic Cognitive Impairment <i>Tong Niu (Department of Medical of Southeast University, China)</i>	
WOTA-01-5	External validation of new non-laboratory-based pre-DM/DM risk prediction models for case finding in HK primary care <i>Will Ho Gi Cheng (Department of Family Medicine and Primary Care, University of Hong Kong, Hong Kong)</i>	

Program

WOTA-01-6	Identification of Liver-derived Brown adipocyte Activating Factor <i>Shota Okagawa (Kumamoto University of Life Sciences Department of Metabolic Medicine, Japan)</i>
WOTA-01-7	Prospective clinical study of Bariatric Surgery in the Treatment of Women with Obesity and Polycystic Ovary Syndrome <i>Lili Hu (Department of Endocrinology and Metabolism Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital / Department of Endocrinology, Sichuan Academy of Medical Sciences & Sichuan Provincial People's Hospital, China)</i>
WOTA-01-8	Immunological efficacy of SHED for pancreatic islet transplantation. <i>Makoto Kato (Division of Diabetes, Department of Internal Medicine, Diabetes Center, Aichi Medical University, Japan)</i>
WOTA-01-9	The Legacy Effect of Early Intensive Glycaemic Control on Cancer Risk in People with Newly Diagnosed Type 2 Diabetes <i>Xinge Zhang (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong Special Administrative Region, People's Republic of China)</i>

Oral Presentation (Basic Science)

Islet cell biology I

13:40-14:50		Room I
Chair	Kun-Ho Yoon (Korea), Shunichiro Asahara (Japan)	
WOBS-01-1	Suppression of glucagon signaling promotes α -to- β reprogramming <i>Tomomi Taguchi (Department of Endocrinology, Diabetes and Metabolism, Kitasato University School of Medicine, Japan)</i>	
WOBS-01-2	Impact of fructose on β -cell metabolism and insulin secretion <i>Naoya Murao (Department of Endocrinology, Diabetes and Metabolism, Fujita Health University School of Medicine, Toyoake, Japan / Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Kyoto, Japan)</i>	
WOBS-01-3	Chronic exposure of imeglimin exerts pleiotropic effects on pancreatic α -cells <i>Takahiro Tsuno (Institute for Molecular and Cellular Regulation, Gunma University / Department of Endocrinology and Metabolism, Graduate School of Medicine, Yokohama-City University, Japan)</i>	
WOBS-01-4	PDPN-knockdown alleviate islet fibrosis in T2DM mice <i>Xiaohang Wang (Department of Endocrinology, Affiliated Hospital of Yangzhou University, University of Yangzhou University / Department of Endocrinology, University of Southeast University, China)</i>	
WOBS-01-5	Irisin inhibited islet stellate cells activation <i>Qianqian Wang (Department of Endocrinology, University of Southeast University, China)</i>	
WOBS-01-6	A pharmacological dose of imeglimin activates mitochondrial function and glucose-induced insulin secretion. <i>Mami Takiguchi (Department of Pediatrics, Juntendo University Faculty of Medicine, Japan)</i>	

Oral Presentation (Clinical Science)

Diabetes and atherosclerosis I

13:40-14:50		Room J
Chair	Jae Bum Kim (Korea), Yoshihiko Nishio (Japan)	
WOCS-02-1	The effect of haptoglobin genotype on the association of ADMA and <i>DDAH 1</i> polymorphism with diabetic macroangiopathy <i>Shiyun Wang (Department of Endocrinology and Metabolism, 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 Center for Diabetes, 600 Yishan Road, Shanghai 200233, People's Republic of China)</i>	
WOCS-02-2	Machine Learning-based Approach to Diagnose Type 2 Diabetes and Predict Cardiovascular Complications in 5 years <i>Tumalisi Julaiti (Shanghai Diabetes Institute, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai Clinical Centre for Diabetes, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China)</i>	
WOCS-02-3	Two-year diabetic foot ulcer incidence and risk factors: Second phase report of Ahvaz diabetic foot cohort study (ADFC) <i>Leila Yazdanpanah (Health research institute, Diabetes Research Center, Ahvaz Jundishapur University of Medical Science, Ahvaz, Iran)</i>	

WOCS-02-4	The association between blood pressure reduction by antihypertensive agents and the risk of peripheral arterial disease <i>Chu Lin (Department of Endocrinology and Metabolism, Peking University People's Hospital, China)</i>
WOCS-02-5	HUC-MSCs combined with platelet lysate treat diabetic chronic cutaneous ulcers in Bama miniature pig <i>Yunyi Gao (Innovation Center for Wound Repair, Diabetic Foot Care Center, Department of Endocrinology and Metabolism, West China Hospital, Sichuan University, Chengdu, China / Department of Medical Affairs, West China Hospital, Sichuan University, Chengdu, China)</i>
WOCS-02-6	Skin invisible damage and Wnt/ β -catenin signaling pathways changes induced by diabetes <i>Shiyi Sun (Department of Endocrinology and Metabolism, West China Hospital of Sichuan University, Chengdu, China)</i>

Oral Presentation (Clinical Science)

Therapeutics for type 2 diabetes I

13:40-14:50		Room K
Chair	Karen Siu Ling Lam (Hong Kong), Masanori Emoto (Japan)	
WOCS-03-1	The clinical characteristics of severe SARS-CoV-2 among patients with type 2 diabetes mellitus <i>Xiaomin Xie (The First People's Hospital of Yinchuan, China)</i>	
WOCS-03-2	Efficacy of imeglimin in Japanese patients with type 2 diabetes mellitus with poor glycemic control <i>Masataka Kusunoki (Research Center of Health, Physical Fitness and Sports, Nagoya University, Japan)</i>	
WOCS-03-3	Serial Cases of Hyperglycemic Crises and Other Critical Illness in Old Patients <i>Candra Christian Soekamto (Diabetes Initiative Indonesia, Indonesia)</i>	
WOCS-03-4	Enabling automatic meal bolus decision using artificial-pancreas-like closed-loop control in adults with type 2 diabetes <i>Wei Liu (Peking University People's Hospital, China)</i>	
WOCS-03-5	Efficacy and Safety of Semaglutide, Oral Glucagon-like peptide 1 (GLP-1) receptor agonist, in Japanese Type 2 Diabetes <i>Masako Murakami (Department of Diabetes & Endocrinology, Japan)</i>	
WOCS-03-6	Plantar pressure distributions of the diabetic patients in Sichuan province, southwest China <i>Li Zhenyi (Department of Endocrinology and Metabolism, Diabetic Foot Care Center, West China Hospital, Sichuan University, Sichuan, 610041, China)</i>	

Oral Presentation (Clinical Science)

Glucose-lowering agents for diabetes I

13:40-14:50		Room G
Chair	Sung Hee Choi (Korea), Keizo Kanasaki (Japan)	
WOCS-01-1	Supervised machine learning-based prediction for insulin related lipohypertrophy using electronic health records <i>Mei Jing Zhou (The First Affiliated Hospital of Nanjing Medical University, China)</i>	
WOCS-01-2	Effects of switching from insulin glargine (Gla)-100 to Gla-300 on glycemic control and treatment satisfaction <i>Haruka Kishi (Department of Endocrinology and Metabolism, Dokkyo medical university, Japan)</i>	
WOCS-01-3	Effect of Once-Weekly Insulin for Diabetes Population: A Systematic Review and Meta Analysis of Randomized Trial <i>Ivana Beatrice Paulus (Wangaya General Hospital, Indonesia)</i>	
WOCS-01-4	The mice treated with imeglimin show increased energy expenditure and are protected from weight gain. <i>Motoharu Awazawa (Department of Molecular Diabetology, Research Institute, National Center for Global Health and Medicine, Japan)</i>	
WOCS-01-5	Evaluation of efficacy and safety of glucokinase activators—a systematic review and meta-analysis <i>Wenjia Yang (Peking University People's Hospital, China)</i>	
WOCS-01-6	Efficacy of Imeglimin in The Real-world Clinical Practice for Diabetes in Japan <i>Takahiro Tosaki (TDE Healthcare Corporation TOSAKI Clinic for Diabetes and Endocrinology, Japan)</i>	

Program

Oral Presentation (Education and Care)

Community/social health care

13:40-14:50		Room H
Chair	Altaisaikhan Khasag (Mongolia), Daiji Kawanami (Japan)	
WOEC-01-1	Awareness of hyperuricemia and gout among patients with diabetes and community health workers: a community survey <i>Shiyi Sun (Department of Endocrinology and Metabolism, West China Hospital of Sichuan University, Chengdu, China)</i>	
WOEC-01-2	Development of Diabetic Ketoacidosis Extraction Algorithm for a Large-scale Clinical Database <i>Naoichi Sato (Medical Information Center, Kyushu University Hospital, Fukuoka, Japan / Department of Medicine and Bioregulatory Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)</i>	
WOEC-01-3	Medications and medical expenditures for diabetic patients with osteoporosis <i>Pan Qi (Department of Endocrinology, Beijing Hospital, National Center of Gerontology, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, Beijing, China / Chinese Academy of Medical Sciences, Graduate School of Peking Union Medical College, Beijing, China)</i>	
WOEC-01-4	Temporal cardiorenal complications and health-related quality of life in Chinese patients with type 2 diabetes <i>Juliana Nga Man Lui (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Prince of Wales Hospital / Hong Kong Institute of Diabetes and Obesity, The Chinese University of Hong Kong, Prince of Wales Hospital / Li Ka Shing Institute of Health Sciences, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong)</i>	
WOEC-01-5	Effective diabetes self-management education on the sustainability of metabolic control in persons with type 2 diabetes. <i>Ying-Chuen Lai (Department of Internal Medicine, National Taiwan University Hospital, Taiwan)</i>	
WOEC-01-6	Diabetes Complications in Primary Health Care: Determinants, Metabolic Profile, Psychocological Aspect and Family Support <i>Syahidatul Wafa (Department of Internal Medicine, University of Indonesia / Metabolic and Vascular Aging Cluster, Indonesian Medical Education and Research Institute, Faculty of Medicine, Universitas Indonesia, Indonesia)</i>	

Oral Presentation (Basic Science)

Islet cell biology II

14:50-16:10		Room I
Chair	Guang Ning (China), Yusuke Seino (Japan)	
WOBS-02-1	Functional analysis of genes expressed differentially in MIN6 sublines with high versus reduced glucose-responsiveness <i>Hisamitsu Ishihara (Division of Diabetes and Metabolic Diseases, Nihon University School of Medicine, Japan)</i>	
WOBS-02-2	Hispidulin is an insulin secretagogue targeting the AKAP9-mediated PKA signaling pathway. <i>Abdul Hameed (Laboratory of Molecular Endocrinology and Metabolism Department of Molecular Medicine Institute for Molecular and Cellular Regulation Gunma University 3-39-15, Showa-machi, Maebashi, Gunma 371-8512, Japan. / Department of Molecular Medicine, Ziauddin Medical College, Ziauddin University, Karachi, Pakistan)</i>	
WOBS-02-3	Apigenin stimulates insulin secretion through PKA-MEK kinase signaling cascade-independent of K-ATP channels <i>Abdul Hameed (Department of Molecular Medicine, Ziauddin Medical College, Ziauddin University, Karachi, Pakistan / Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi-75270, Pakistan)</i>	
WOBS-02-5	Regulation of Pancreatic Beta-Cell Function by Salt-Inducible Kinases. <i>Kim Loh (Diabetes and Metabolic Disease, St Vincent Institute of Medical Research, Australia)</i>	
WOBS-02-6	Microelectrode array (MEA) based recording of glucose responsiveness in pancreatic islets <i>Asuka Tsurumoto (Institute for Molecular and Cellular Regulation (IMCR), Gunma University, Japan)</i>	
WOBS-02-7	Regulation of SIRT1 in enteroendocrine cells <i>Masaomi Miura (Department of Diabetes and Metabolism, The University of Tokyo Hospital, Japan)</i>	

Oral Presentation (Clinical Science)

Diabetes and atherosclerosis II

14:50-16:10		Room J
Chair	Karen Siu Ling Lam (Hong Kong), Michio Shimabukuro (Japan)	
WOCS-05-1	Efficacy of antihyperglycemic therapies on cardiovascular and heart failure events: A meta-analysis and meta-regression <i>Masashi Hasebe (Department of Diabetes and Endocrinology, Medical Research Institute KITANO HOSPITAL, PIIF Tazuke-Kofukai, Japan)</i>	
WOCS-05-2	Anti-inflammatory therapies in patients with established cardiovascular disease or high cardiovascular risks <i>Chu Lin (Department of Endocrinology and Metabolism, Peking University People's Hospital, China)</i>	
WOCS-05-3	Analysis of Mean Platelet Volume and Platelet Distribution Width in AMI Patient With and Without Diabetes Mellitus <i>Astaman Astaman (Department of Internal Medicine, Division of Endocrinology, Dr. Ramelan Central Naval Hospital, 60244, Indonesia)</i>	
WOCS-05-4	Correlation Hba1c levels and Ejection Fraction in Type-2 Diabetes Mellitus patients at Central Naval Hospital Surabaya <i>Farman S (Dr. Ramelan Central Naval Hospital / Member of Diabetes Initiatif Indonesia, Indonesia)</i>	
WOCS-05-5	The atherogenic index of plasma as a predictor of arterial stiffness measured by ba-PWV in type 2 diabetic patients <i>Robert Dwitama Adiwidoto (Department of Internal Medicine, Airlangga University Faculty of Medicine, Dr. Soetomo Teaching Hospital, Surabaya, Indonesia)</i>	
WOCS-05-6	Low Cardiometabolic Indexes Associated with Diastolic Dysfunction in Type 2 Diabetes Mellitus Patient with HFpEF <i>Vina Y. Susanti (Division of Endocrinology and Metabolic Disease, Department of Internal Medicine, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada-Dr. Sardjito Hospital, Yogyakarta, Indonesia)</i>	
WOCS-05-7	Analysis of the influencing factors of stress hyperglycemia in patients after cardiac bypass transplantation <i>Zhang Sha (Beijing Tsinghua Changgung Hospital, Beijing, China)</i>	

Oral Presentation (Clinical Science)

Therapeutics for type 2 diabetes II

14:50-16:00		Room K
Chair	Juliana Chung Ngor Chan (Hong Kong), Yasumichi Mori (Japan)	
WOCS-06-1	Comparison of therapeutic efficacy and safety of adding sitagliptin, dapagliflozin or liothyronine in T2DM patients. <i>Jun Hwa Hong (Department of Internal Medicine, Daejeon Eulji Medical Center, Eulji University, Daejeon, Korea)</i>	
WOCS-06-2	The Effect of Diabetes Management Shared Care Clinic on HbA1c Compliance and Self-management Abilities in Patients <i>Yi Zhang (Department of Endocrinology, the First Affiliated Hospital of Anhui Medical University, Hefei 2322, Anhui, China)</i>	
WOCS-06-3	Effect of the increasing intensity exercise therapy in linoleic acid metabolism of type 2 diabetic patients <i>Chengming Ni (Department of endocrinology, Southeastern University / Department of endocrinology, Zhongda Hospital, Southeastern University, China)</i>	
WOCS-06-4	Comparison of the therapeutic effects of oral semaglutide and SGLT2i. <i>Yasuhiro Omori (Center for Diabetes, Endocrinology and Metabolism, Kansai Electric Power Hospital, Osaka, Japan. / Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Kyoto, Japan)</i>	
WOCS-06-5	DIABETIC KETOACIDOSIS WITH ACUTE PANCREATITIS IN PRE-ECLAMPSIA PATIENT <i>Christian Poerniawan (Department of Endocrinology Ramelan Naval Hospital Surabaya / Member of Diabetes Initiative Indonesia, Indonesia)</i>	
WOCS-06-6	Exercise-induced improvement of glycemic fluctuation and its relationship with fat and muscle distribution in T2DM <i>Dan Liu (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	

Program

Oral Presentation (Clinical Science)

Glucose monitoring (SMBG/CGM)

14:50-16:10		Room G
Chair	Jae Hyeon Kim (Korea), Akio Kuroda (Japan)	
WOCS-04-1	Use of Sensor Augmented Pump with predictive low glucose suspend system in Japanese pregnant women with type 1 diabetes <i>Noriko Kodani (National Center for Global Health and Medicine, Japan)</i>	
WOCS-04-2	Time in range as a potential marker for diabetes remission after Roux-en-Y gastric bypass surgery <i>Jingyi Lu (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOCS-04-3	Dawn Phenomenon and All-Cause Mortality Risk in Patients with Type 2 Diabetes Mellitus: A Prospective Cohort Study <i>Jinghao Cai (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai Clinical Center for Diabetes, Shanghai Diabetes Institute, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai, China)</i>	
WOCS-04-4	Application effect of remote digital platform for diabetes case management based on rtCGM <i>Li Shen (Beijing Tsinghua Changgung Hospital, China)</i>	
WOCS-04-5	Haptoglobin Genotype Modifies the Effect of Glycemic Variability on Risk of Diabetic Macroangiopathy <i>Zixuan Deng (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai Diabetes Institute, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai Clinical Center for Diabetes, 600 Yishan Road, Shanghai 200233, People's Republic of China)</i>	
WOCS-04-6	Lesson Learned from Patient Support Program for Insulin Initiation and Intensification in Type 2 Diabetes in Indonesia <i>Made Ratna Saraswati (Division of Endocrinology and Metabolism, Department of Internal Medicine, Faculty of Medicine Udayana University/Prof. IGNG Ngoerah Hospital Denpasar, Bali, Indonesia)</i>	
WOCS-04-7	Osteocalcin and its trajectories with mortality among patients with type 2 diabetes <i>Yun Shen (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	

Oral Presentation (Education and Care)

Diabetes education and care I

14:50-16:10		Room H
Chair	Altaisaikhan Khasag (Mongolia), Yuki Matsuhashi (Japan)	
WOEC-02-1	Endocrinology healthcare workers' knowledge, attitudes, and practice of screening pre-ulcerative diabetic foot lesions <i>Qihong Zhou (Xiangya Hospital of Central South University, China)</i>	
WOEC-02-2	Effectiveness of self-help interventions for psychological outcomes among people with diabetes: A meta-analysis <i>Anggi Lukman Wicaksana (School of Nursing, Taipei Medical University, Taipei City, Taiwan / Department of Medical Surgical Nursing, Universitas Gadjah Mada, Yogyakarta, Indonesia)</i>	
WOEC-02-3	Continuous subcutaneous insulin infusion versus multiple daily injection therapy in pregnant women with type 1 diabetes <i>Yixin Gong (Department of Endocrinology, Zhongda Hospital, Institute of Diabetes, School of Medicine, Southeast University, Nanjing, China)</i>	
WOEC-02-4	Community based collaboration and peer support for diabetes care in China <i>Yuxing Liu (Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOEC-02-5	Study on the effect of diabetes digital management APP for self-management in patients with type 2 diabetes <i>Zhenzhen Xiong (School of Nursing, Chengdu Medical College, China)</i>	
WOEC-02-6	Exploring an online training program on motivational interviewing and diabetes for health care providers <i>Hiroko Morikawa (Department of Human Health Sciences, Graduate School of Medicine, Kyoto University, Kyoto, Japan)</i>	
WOEC-02-7	Investigation and analysis of the status of insulin injection management in hospitals at all levels in China <i>Mingxia Zhang (Peking University People's Hospital, China)</i>	

15th AASD Presidential lecture

16:20-17:00		Main Hall
Chair	Wayne H-H Sheu (Taiwan)	
PR-02	Incretin treatment for diabetes and sarcopenia in the longevity society <i>Yutaka Seino (Kansai Electric Power Hospital, Japan)</i>	

Award Lecture

The Masato Kasuga Award Lecture

17:10-17:50		Main Hall
Chair	Masato Kasuga (Japan)	
AW-01	My Journey of the Epidemiological and Translational Researches in Diabetes and Its Complications <i>Hung-Yuan Li (Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan / Member of Executive Board, Diabetes Association of R.O.C / CEO, Formosan Diabetes care Foundation)</i>	

Poster Presentation (Basic Science)

Adiposcience I

13:40-14:10		Event Hall
Chair	Yun-Hee Lee (Korea)	
WPBS-01-1	Tetrahydrobiopterin in brown adipose tissue differentiation: its therapeutic implications for obesity and diabetes <i>Hiroto Minamino (Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Japan)</i>	
WPBS-01-2	Insulin dependent FoxK1/K2 pathway in regulation of mitochondrial metabolism in adipose tissue. <i>Yuma Okubo (Kumamoto University of Life Sciences Department of Metabolic Medicine, Japan)</i>	
WPBS-01-3	Survivin is essential for adipose tissue thermogenic program and metabolic homeostasis <i>Jingjing Sun (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, China)</i>	
WPBS-01-4	Humans with Metabolically Active Brown Fat Demonstrate Higher Capacity to Catabolize Branched Chain Amino Acids <i>Mueez U-Din (Turku PET Centre, Turku University Hospital and University of Turku, Turku, Finland)</i>	

Poster Presentation (Clinical Science)

Diabetes-related comorbidities

13:40-14:50		Event Hall
Chair	Enrico Algozo de Jesus (Philippines)	
WPCS-01-1	Relationship of PLR and NLR with mild cognitive impairment in patients with type 2 diabetes <i>Kuny Liu (Department of Endocrinology, Affiliated Zhongda Hospital of Southeast University / School of Medicine, Southeast University, Nanjing, China)</i>	
WPCS-01-3	Associations of Lower Time in Range with Cognitive Dysfunction and Hippocampal Damage in Adults with Type 2 Diabetes <i>Zhou Zhang (Department of Endocrinology, Endocrine and Metabolic Disease Medical Center, Affiliated Drum Tower Hospital, Medical School, Nanjing University / Branch of National Clinical Research Centre for Metabolic Diseases, Nanjing, China)</i>	
WPCS-01-4	Association between brain imaging biomarkers and glycemic control indices in patients with type 2 diabetes mellitus <i>Chikako Inoue (Department of Diabetes, Endocrinology and Clinical Immunology, School of Medicine, Hyogo Medical University, Nishinomiya, Hyogo, Japan)</i>	
WPCS-01-5	RAGE in circulating immune cells is essential for neuroinflammation and cognitive decline due to metabolic endotoxemia <i>Dasen Ye (Department of Diabetes, Endocrinology and Clinical Immunology, School of Medicine, Hyogo Medical University, Nishinomiya, Japan)</i>	

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WPCS-01-6	Gamma-glutamyl transferase and risk of dementia <i>Juyoung Shin (Department of Endocrinology and Metabolism, Department of Internal Medicine, College of Medicine, The Catholic University of Korea / Health Promotion Center, Seoul St. Mary's Hospital, Korea)</i>
WPCS-01-7	Association of use of anti-depressants and diabetes complications in type 2 diabetes – a territory-wide cohort study <i>Eric S. H. Lau (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong, China)</i>
WPCS-01-8	Sensorineural Hearing Loss in Type 2 Diabetes Mellitus: an Overlooked Diabetes Complication <i>Agus Santosa (Postgraduate Program, Faculty of Medicine Udayana University/Prof. IGNG Ngoerah Hospital Denpasar Bali, Indonesia)</i>
WPCS-01-9	Association between glucose tolerance and liver-related events and cardiovascular events in chronic hepatitis C <i>Teruki Miyake (Department of Gastroenterology and Metabology, Ehime University Graduate School of Medicine, Japan)</i>

Poster Presentation (Clinical Science)

Diabetes and liver disease I

13:40-14:50		Event Hall
Chair	Tianpei Hong (China)	
WPCS-02-1	Effects of pemafibrate on left ventricular diastolic function in patients with type 2 diabetes mellitus: A pilot study <i>Ryoko Hatanaka (Department of Endocrinology, Metabolism, Hematological Science and Therapeutics, Yamaguchi University Graduate School of Medicine, Ube, Yamaguchi, Japan)</i>	
WPCS-02-3	Dulaglutide prevents perilipin 2-induced myocardial steatosis and atrial fibrillation in mice <i>Satsuki Sato (Third Department of Internal Medicine, University of Fukui School of Medical Sciences, Japan)</i>	
WPCS-02-4	Insulinopenic diabetes accelerates steatohepatitis in mice: liver pathology and single-cell RNA seq signatures <i>Tuerdiguli Abuduyimiti (Department of Endocrinology and Metabolism, Kanazawa University Graduate School of Medical Sciences, Japan / Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences, Japan)</i>	
WPCS-02-5	Associations of thigh subcutaneous fat with incidence and remission of non-alcoholic fatty liver disease <i>Xuhong Hou (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-02-6	The association between thyroid hormones and non-alcoholic fatty liver disease in patients with type 2 diabetes <i>Ji Eun Jun (Kyung Hee University School of Medicine, Kyung Hee University Hospital at Gangdong, Korea)</i>	
WPCS-02-7	Greater severity of steatosis is associated with a higher risk of incident diabetes <i>Ji Cheol Bae (Department of Internal Medicine, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Korea)</i>	
WPCS-02-8	Determination of serum ferritin levels in Mongolian men and women and its relationship with serum lipids and glucose <i>Dolzodmaa Batbayar (Health preventive center, Erdenet Medical Hospital, Orkhon province, Mongolia)</i>	
WPCS-02-9	Prevalence of MAFLD and alcohol-related liver disease in young male Japanese adults <i>Satoko Tajirika (Health Administration Center, Gifu University, Gifu, Japan. / Department of Gastroenterology/Internal Medicine, Gifu University Graduate School of Medicine, Gifu, Japan)</i>	

Poster Presentation (Clinical Science)

Diabetic kidney disease

13:40-14:50		Event Hall
Chair	Luinio Salanga Tongson (Philippines)	
WPCS-03-1	Association between serum dehydroepiandrosterone sulfate levels and annual eGFR changes in people with type 2 diabetes <i>Seijiro Tsuji (Anan Medical Center, Japan)</i>	
WPCS-03-2	Singlecell transcriptomics reveals the cellular and molecular mechanisms of losartan in the treatment of in DKD mice. <i>Li Wei (Department of Endocrinology and Metabolism Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	

WPCS-03-3	2-Deoxy-D-Ribose Induces Ferroptosis Through Inhibition of Cystine Transport in Renal Tubular Epithelial Cells <i>Gwanpyo Koh (Department of Internal Medicine, Jeju National University College of Medicine / Department of Internal Medicine, Jeju National University Hospital, Korea)</i>
WPCS-03-4	A risk-prediction model for diabetic kidney disease based on machine-learning methods <i>Yi-Jing Sheen (Division of Endocrinology and Metabolism, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan / Department of Medicine, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan / Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taichung, Taiwan)</i>
WPCS-03-5	Influence of high-protein diet on diabetic nephropathy in SDT fatty rats <i>Kinuko Uno (Laboratory of Animal Physiology and Functional Anatomy, Graduate School of Agriculture, Kyoto University, Japan)</i>
WPCS-03-6	p-Cresol suppresses gluconeogenesis in cultured hepatocytes <i>Akinobu Ochi (Department of Metabolism, Endocrinology and Molecular Medicine, Osaka Metropolitan University Graduate School of Medicine, Japan)</i>
WPCS-03-7	Metabolomics signature for the prediction of diabetic nephropathy in Chinese patients with type 2 diabetes <i>Chloe YY Cheung (Department of Medicine, School of Clinical Medicine, The University of Hong Kong, Hong Kong, / State Key Laboratory of Pharmaceutical Biotechnology, The University of Hong Kong, Hong Kong)</i>
WPCS-03-8	An artificial intelligence based prediction model for diabetic kidney disease progression: DrAnswer 2.0 <i>Nan Hee Kim (Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University College of Medicine, Seoul, Korea)</i>

Poster Presentation (Clinical Science)

Medical nutrition therapy for diabetes

13:40-14:50		Event Hall
Chair	Leyden Villegas Florido (Philippines)	
WPCS-04-1	Usefulness of Dietary Support for Patients with Borderline-Diabetes Mellitus Utilizing AGEs Value (first report) <i>Chiyo Murauchi (Faculty of Nursing, Kansai Medical University, Japan)</i>	
WPCS-04-2	Eating order and blood glucose level - A case study <i>Yanjin Banzragchsuren (Department of Nutrition, Endomed diabetic hospital, Mongolia)</i>	
WPCS-04-3	Vitamin D and Type 2 diabetes mellitus <i>Unurbayar Sumya (Department of Nutrition, Endomed hospital, Ulaanbaatar, Mongolia)</i>	
WPCS-04-4	Managing risk of sarcopenia in elderly diabetic patients. <i>Masami Mizuno (Division of Diabetes and Metabolism and Division of Rheumatology, Gifu University Hospital / Center for Nutrition Support & Infection Control, Gifu University Hospital, Japan)</i>	
WPCS-04-5	Validation of improved 24-hour dietary recall using a portable camera among the Japanese population <i>Yumi Matsushita (Department of Clinical Research, National Center for Global Health and Medicine, Japan)</i>	
WPCS-04-6	Dietary FODMAP intake and metabolic parameters in Chinese individuals with impaired glucose tolerance <i>Natural Chu (Department of Medicine, The Chinese University of Hong Kong, Hong Kong)</i>	
WPCS-04-7	Emotional Eating as a Pitfall of Poor Glycemic Control in Type 1 Diabetic Adolescent: A Case Report <i>Stella Ilone (Division of Endocrine and Metabolism, Department of Internal Medicine, University of Indonesia, Indonesia)</i>	
WPCS-04-8	A Multicenter, Randomized Trial Comparing Low-carbohydrate Diet to Canagliflozin for Diabetes Treatment <i>Yunjie Gu (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, Shanghai, China)</i>	
WPCS-04-9	Does Intermittent Fasting Reverse The Clinical Progression of Type 2 Diabetes Mellitus ? : A Meta-Analysis <i>Agnes Theodora (Faculty of Medicine, Atma Jaya Catholic University of Indonesia, Jakarta, Indonesia)</i>	

Poster Presentation (Clinical Science)

Etiology and pathophysiology of Type 2 diabetes I

13:40-14:50		Event Hall
Chair	Limei Liu (China)	
WPCS-05-1	THE CORRELATION BETWEEN INSULIN RESISTANCE AND SOLUBLE THROMBOMODULIN AS A COAGULATION FACTOR IN T2DM <i>Dinda Aprilia (Endocrine metabolic and diabetes subdivision, Internal medicine department, Andalas university, Indonesia)</i>	
WPCS-05-2	Personalized Exercise Prescription in Type 2 Diabetes Patients in the Context of Integrative Medicine <i>QianWen Chen (Department of Endocrinology and Metabolism, Haikou orthopedic and diabetes hospital, Hainan, China)</i>	
WPCS-05-4	Risk factors and clinical profile of early-onset type 2 diabetes in urban Indonesians <i>Christian Tricaesario (Diabetes Connection & Care, Eka Hospital / Diabetes Initiative Indonesia, Indonesia)</i>	
WPCS-05-5	Cysteine post-translational modifications targeted by selenoprotein P-mediated reductive stress in type 2 diabetes <i>Cynthia Monserrat Galicia-Medina (Department of Endocrinology and Metabolism, Kanazawa University Graduate School of Advanced Preventive Medical Sciences, Kanazawa, Japan)</i>	
WPCS-05-6	Dietary habits among newly diagnosed patients with type 2 DM; A cross sectional study in Sabaragamuwa, Sri Lanka <i>N A Sanjeewani (Department of Pharmacy, General Sir John Kotelawala Defence University, Sri Lanka)</i>	
WPCS-05-7	Hip fracture and the risk of incident diabetes: a retrospective cohort study in the Real-world Hip Fracture Cohort. <i>Suhas Krishnamoorthy (Dept of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China)</i>	
WPCS-05-8	Comparison of beta-cell function between Chinese with young-onset and late-onset type 2 diabetes in Hong Kong <i>Yingnan Fan (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong Special Administrative Region, People's Republic of China)</i>	
WPCS-05-9	Alanine transaminase and aspartate transaminase ratio is associated with dysglycaemia <i>Miaomiao Sang (Department of Endocrinology, Zhongda Hospital, Institute of Diabetes, School of Medicine, Southeast University, Nanjing, China)</i>	

Poster Presentation (Clinical Science)

CSII/CGM

13:40-14:50		Event Hall
Chair	Ka-Yuen Athena Lock (Hong Kong)	
WPCS-06-1	The Promotion and Application of Standardized Injection of Insulin in clinical in China <i>Fang Zhao (Department of Nursing, China-Japan Friendship Hospital, Beijing, China / Chinese Nursing Association, Beijing, China)</i>	
WPCS-06-2	Usefulness of insulin injection technique using a covered needle for needle phobia <i>Yuki Yamaguchi (Department of Endocrinology and Metabolism, National Hospital Organization Shikoku Medical Center for Children and Adults, Japan)</i>	
WPCS-06-3	Comparison of laser and traditional lancing device for capillary sampling in diabetic patients with high bleeding risks <i>Min Jeong Park (Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University Medical center Guro hospital, Korea)</i>	
WPCS-06-4	Relationship between time in range and corneal nerve fiber loss in asymptomatic patients with type 2 diabetes <i>Weijing Zhao (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University Affiliated Sixth People's Hospital; Shanghai Clinical Center for Diabetes; Shanghai Key Clinical Center for Metabolic Disease; Shanghai Diabetes Institute; Shanghai Key Laboratory of Diabetes Mellitus, Shanghai 200233, China)</i>	
WPCS-06-5	A research study on the discomfort and coping methods experienced during the use of CGM in diabetic patients <i>Junghwa Lee (Kyung Hee University Hospital at Gangdong, Korea)</i>	
WPCS-06-6	Real usage of continuous glucose monitoring in pediatric patient with Type 1 and Type 2 diabetes in single center <i>lee Ho Choi (Department of pediatric, Jeonbuk national university hospital, Korea)</i>	

WPCS-06-7	Internet-based glucose monitoring system improves glycaemia in people with insulin-treated type 2 diabetes <i>Nishanth Thiagarajan (Department of Endocrinology, Singapore General Hospital, Singapore)</i>
WPCS-06-8	Blood Glucose Monitoring Device is associated with Glycemic Outcomes and Patients' Perspective in Chinese T1D Patients <i>Liuyan Dai (Department of Endocrinology, the First Affiliated Hospital with Nanjing Medical University, China)</i>
WPCS-06-9	Association of adherence to continuous glucose monitoring with glycemic control in adults with type 1 diabetes <i>Seohyun Kim (Department of Clinical Research Design and Evaluation, Samsung Advanced Institute for Health Sciences and Technology (SAHST), Sungkyunkwan University, Seoul, Korea)</i>

Poster Presentation (Clinical Science)

Diabetes and obesity I

13:40-14:50		Event Hall
Chair	Truong Tuyet Mai (Vietnam)	
WPCS-07-1	Association of Central Obesity and BMI with Cardiovascular Disease Risk Factors <i>Hyewon Mun (Department of Internal Medicine, Bucheon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)</i>	
WPCS-07-2	A matched cohort study evaluating effectiveness of pragmatic preventive program to delay long-term progression to T2DM. <i>Chaiwat Washirasaksiri (Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand)</i>	
WPCS-07-3	Low dose of diazoxide attenuates visceral fat obesity via correcting hyperinsulinemia in non-diabetic obese subjects. <i>Moritake Higa (Diabetes and Lifestyle-Related Disease Center, Tomishiro Central Hospital, Japan)</i>	
WPCS-07-4	Metabolic Rewiring in Diabetes: Reprogramming GLUT4 Expression via Amino Acid Starvation <i>Aradhana Mariam Phillips (Department of Biotechnology and Bioinformatics, School of Life Sciences, University of Hyderabad, Hyderabad, India)</i>	
WPCS-07-6	Association Between Trajectory of Metabolic Syndrome and Knee Pain Over 11 Years in Middle-Aged Adults <i>Ambriish Singh (Menzies Institute for Medical Research, University of Tasmania, Australia)</i>	
WPCS-07-7	Histological changes in adipose tissues of KHK global knockout mice with metabolic syndrome models <i>Huiwen Ren (Advanced Institute for Medical Sciences, Dalian Medical University, Dalian, Liaoning, China)</i>	
WPCS-07-8	Prediabetes Phenotype Influences the Effect of Lifestyle Interventions on Diabetes Incidence: A Meta-Analysis <i>Thirunavukkarasu Sathish (Department of Family and Preventive Medicine, School of Medicine, Emory University / Emory Global Diabetes Research Center, Woodruff Health Sciences Center, Emory University, Atlanta, GA, USA)</i>	
WPCS-07-9	BMI Category-specific Waist Circumference Thresholds for Predicting the Risk of Type 2 Diabetes <i>Jang Won Son (Division of Endocrinology and Metabolism, Department of Internal Medicine, Bucheon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Korea)</i>	

Poster Presentation (Clinical Science)

Other types of diabetes

13:40-14:50		Event Hall
Chair	Lee-Ling Lim (Malaysia)	
WPCS-08-1	Effects on blood glucose metabolism of Pasireotide-LAR treatment in patients with acromegaly <i>Huiwen Tan (Department of Endocrinology and Metabolism, West China Hospital Sichuan University / Laboratory of Endocrinology and Metabolism, West China Hospital, Sichuan University, China)</i>	
WPCS-08-2	Clinical usefulness of targeted next-generation sequencing panel testing for the diagnosis of monogenic diabetes <i>Kaoru Takase (Department of Neurology, Hematology, Metabolism, Endocrinology and Diabetology, Yamagata University Faculty of Medicine, Japan)</i>	
WPCS-08-3	A male presentation of autoimmune mediated diabetes as part of polyglandular autoimmune syndrome type 3 <i>Irma Wahyuni Anwar (Endocrinology division of Internal Medicine Departement, Cipto Mangunkusumo Hospital, Faculty of Medicine University of Indonesia, Indonesia)</i>	

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WPCS-08-4	<p>Nilotinib Induced Diabetes <i>Vania Tryanni (Department of Internal Medicine, University of Indonesia / Metabolic and Endocrine Division, Department of Internal Medicine, University of Indonesia, Indonesia)</i></p>
WPCS-08-5	<p>Functional analysis, inheritance and pathogenesis of first Glu59Gln mutation in NeuroD1 gene in a Chinese MODY family <i>Limei Liu (Shanghai Diabetes Institute, Department of Endocrinology & Metabolism, Shanghai Key Clinical Center for Metabolic Disease, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, China)</i></p>
WPCS-08-6	<p>Copy number variations in Maturity-Onset Diabetes of the Young: Copy number analysis in <i>HNF1B</i> by computational tool <i>Sandra T.F. Tsoi (Department of Medicine & Therapeutics, The Chinese University of Hong Kong, Hong Kong)</i></p>
WPCS-08-7	<p>Targeted gene panel provides advantages over whole-exome sequencing for diagnosing obesity and diabetes mellitus <i>Hai Rong Yu (Department of Endocrinology / Shanghai Sixth People's SHospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i></p>
WPCS-08-8	<p>Utility of SGLT-2 Inhibitors in a Case of Type A Insulin Resistance Syndrome with a Novel Gene Mutation <i>Daisuke Tanaka (Kyoto University, Japan)</i></p>
WPCS-08-9	<p>New Mechanism in small intestine for Oxyhyperglycemia by Excess Thyroid Hormone <i>Shunichi Matsumoto (Gunma University Graduate School of Medicine, Japan)</i></p>

Poster Presentation (Education and Care)

Diabetes education and care I

13:40-14:50		Event Hall
Chair	Yingli Lu (China)	
WPEC-01-1	<p>Development of Nursing Support Guidelines for End-of-Life Care in Diabetic Patients <i>Naoko Higo (Nursing department, Hospital Kyoto Prefectural University of Medicine, Japan)</i></p>	
WPEC-01-3	<p>The effects of ABC control of electronic medical records-linked diabetes self-management system in real clinical setting <i>So Jung Yang (Department of Medical Informatics, College of Medicine, The Catholic University of Korea, Korea)</i></p>	
WPEC-01-4	<p>Prognostic significance of glucose, lipid and insulin resistance parameters on incident CKD in Chinese patients with T2D <i>Baoqi Fan (The Chinese University of Hong Kong, Hong Kong)</i></p>	
WPEC-01-5	<p>Excessive daytime napping independently associated with decreased insulin sensitivity <i>Miki Kakutani (Department of Diabetes, Endocrinology and clinical immunology, School of Medicine, Hyogo Medical University, Japan)</i></p>	
WPEC-01-6	<p>HbA1c and Systolic Blood Pressure Variation to Predict All-cause Mortality in Patients with Type 2 Diabetes Mellitus <i>Yun-Chi Lee (Division of Endocrinology and Metabolism, Department of Medicine, China Medical University Hospital, Taichung 40447, Taiwan / Department of Medicine, China Medical University, Taichung 40402, Taiwan)</i></p>	
WPEC-01-7	<p>Diabetes fact sheet Mongolia <i>Sainbileg Sonomtseren (Mongolian Diabetes Association / Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia / Department of Endocrinology, Mongolian National University of Medical Sciences, Mongolia)</i></p>	
WPEC-01-8	<p>Evaluation of PHR app with Gamification Theory and Wearable Devices <i>Futoshi Ebara (Takada Central Hospital, Yokohama, Japan / The Jikei University School of Medicine, Tokyo, Japan. / Division of Preventive Medicine, Clinical Research Institute, National Hospital Organization Kyoto Medical Center, Kyoto, Japan)</i></p>	
WPEC-01-9	<p>Electronic consultations of a framework for improving endocrinology and metabolism medical care in Western China <i>Fan Zu Li (Division of Endocrinology and Metabolism, West China Hospital of Sichuan University, China)</i></p>	

Poster Presentation (Basic Science)

Islet cell biology I

14:50-16:00		Event Hall
Chair	Chia-Hung Lin (Taiwan)	
WPBS-02-1	Thiazolidinediones (TZDs) protect β -cell's function from glucotoxic and lipotoxic conditions through GIP receptor. <i>Sung Bin Lim (Samsung Advanced Institute for Health Sciences & Technology (SAIHST), Sungkyunkwan University, Seoul, Korea)</i>	
WPBS-02-2	Mitochondrial Involvement in β -Cell Mass Preservation by Imeglimin in Db/db Mice <i>Muhammad Fauzi (Department of Diabetes, Endocrinology, and Nutrition, Kyoto University, Japan)</i>	
WPBS-02-3	Protective effect of Recombinant Human Thrombomodulin on Streptozotocin-induced diabetes. <i>Yuko Okano (Department of Diabetes and Endocrinology, Mie University, Japan)</i>	
WPBS-02-4	Effects of combination therapy of imeglimin and metformin on pancreatic β -cells in db/db mice <i>Kuniyuki Nishiyama (Laboratory of Diabetes and Metabolic Disorders, Institute for Molecular and Cellular Regulation, Gunma University / Department of Endocrinology and Metabolism, Graduate School of Medicine, Yokohama City University / Department of Pediatrics, Graduate School of Medicine, Yokohama City University, Japan)</i>	
WPBS-02-5	Noninvasive evaluation of islet grafts BCM following intraportal transplantation using ^{111}In -exendin-4 SPECT/CT <i>Ainur Botagarova (Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Kyoto, Japan)</i>	
WPBS-02-6	Elucidation of HHEX in pancreatic endoderm differentiation using a human iPSC differentiation model <i>Ryo Ito (Center for iPS Cell Research and Application (CiRA), Kyoto University / Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Japan)</i>	
WPBS-02-7	Output clock gene DBP regulates diurnal variation in skeletal muscle insulin sensitivity <i>Yasuharu Ohta (Department of Endocrinology, Metabolism, Hematological Science and Therapeutics, Yamaguchi University Graduate School of Medicine, Japan)</i>	
WPBS-02-8	Calorie Restriction induced physiological insulin resistance to maintain the superstability of blood glucose <i>Jun Yin (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, China)</i>	
WPBS-02-9	Hepatocyte to endothelial cell crosstalk via extracellular vesicles in non-alcoholic fatty liver disease <i>Marie Rhee (Division of Endocrinology, Department of Internal Medicine, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)</i>	

Poster Presentation (Basic Science)

Islet cell biology II

14:50-16:00		Event Hall
Chair	Sharon YC Ruan (Hong Kong)	
WPBS-03-1	Glucolipototoxicity inhibits proinsulin processing by blocking V-ATPase function and inhibiting acidification. <i>Hitoshi Iida (Department of Metabolism and Endocrinology, Juntendo University Graduate School of Medicine, Japan)</i>	
WPBS-03-2	Targeting PGC-1 α by miRNA-374 simultaneously improve β -cell dysfunction and suppress hepatic glucose overproduction. <i>Younghye You (Division of Endocrinology and Metabolism, Department of Internal Medicine, College of Medicine, The Catholic University of Korea, Seoul, Korea)</i>	
WPBS-03-3	Role of Nrf2 in glucose-stimulated insulin secretion from pancreatic β -cells <i>Yuta Kato (Graduate School of Life Sciences, Ritsumeikan University, Japan)</i>	
WPBS-03-4	Histone methylase MLL attenuates insulin secretion by reducing glucose sensitivity in mouse pancreas. <i>Satoshi Yoshino (Division of Endocrinology and Diabetes Mellitus, Gunma University Graduate School of Medicine Department of Internal Medicine, Japan)</i>	
WPBS-03-5	Effect of thyroid hormone signaling on the differentiation from human iPSC cells into pancreatic β cells. <i>Azusa Maruoka (Internal Medicine II, Kansai Medical University, Japan)</i>	
WPBS-03-6	Accelerating the Differentiation of Neonatal Porcine Pancreatic Cell Clusters into β Cells in Alginate-Microcapsule <i>Heon-Seok Park (Dept. of Endocrinology, The Catholic University of Korea, Korea)</i>	

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WPBS-03-7	Exendin-based positron emission tomography for noninvasive evaluation of pancreatic β cell mass: from bench to bedside <i>Takaaki Murakami (Department of Diabetes, Endocrinology, and Nutrition, Graduate School of Medicine, Kyoto University, Japan)</i>
WPBS-03-8	Deconvolution of Sirtuin 3 deficiency islet function origin heterogeneity with single cell analysis <i>Yuan Ting Kuo (Department of Medicine and Therapeutics, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong / Li Ka Shing Institute of Health Sciences, The Chinese University of Hong Kong, Hong Kong)</i>
WPBS-03-9	The cell-cell interaction between islet endothelial cells and islet stellate cells <i>Yang Chen (Department of Endocrinology, Zhongda Hospital, Institute of Diabetes, School of Medicine, Southeast University, Nanjing, China)</i>

Poster Presentation (Clinical Science)

Diabetes and atherosclerosis I

14:50-15:40		Event Hall
Chair	Hak Chul Jang (Korea)	
WPCS-09-1	Sodium–glucose cotransporter 2 inhibitor combined with medical nutrition therapy for hyperglycemia in acute stroke <i>Takahisa Mori (Stroke Treatment, Shonan Kamakura General Hospital, Japan)</i>	
WPCS-09-2	Association of insomnia and coexisting habitual snoring with risk of cerebrovascular events in type 2 diabetes <i>Chun Kwan O (Department of Medicine and Therapeutics, Faculty of Medicine, the Chinese University of Hong Kong, Hong Kong)</i>	
WPCS-09-3	Increased fibroblast growth factor 23 levels are associated with vascular smooth muscle dysfunction in type 2 diabetes <i>Tomoaki Morioka (Department of Metabolism, Endocrinology, and Molecular Medicine, Osaka Metropolitan University Graduate School of Medicine, Japan)</i>	
WPCS-09-4	ASSESSMENT OF CARDIOVASCULAR RISK IN PATIENTS WITH DIABETES MELLITUS <i>Ariuntuya Tumurbaatar (Department of Nephrology and Endocrinology Second State Central Hospital of Mongolia, Mongolia)</i>	
WPCS-09-5	Overexpression of MnSOD suppresses progression of atherosclerosis in apolipoprotein B-deficient mice <i>Tomoaki Yoshinaga (Department of Metabolic Medicine, Faculty of Life Sciences, Kumamoto University, Kumamoto, Japan)</i>	
WPCS-09-6	DPP4 deficiency induces M2 macrophage polarization, and suppresses progression of atherosclerosis in apoE-KO mice <i>Yuqi Zhou (Department of Metabolic Medicine, Kumamoto University, Japan)</i>	
WPCS-09-7	Syndecan-1, a Marker of Endothelial Glycocalyx Degradation, is Associated with Arterial Stiffness in Type 2 Diabetes <i>Yoshinori Kakutani (Department of Metabolism, Endocrinology and Molecular Medicine, Osaka Metropolitan University Graduate School of Medicine, Japan)</i>	

Poster Presentation (Clinical Science)

Diabetes in older adults

14:50-16:00		Event Hall
Chair	Sony Wibisono Mudjanarko (Indonesia)	
WPCS-10-1	Hypoglycemia in hospitalized older patients with diabetes--An Observational study <i>Yan Yan Liu (West China Hospital of Sichuan University, China)</i>	
WPCS-10-2	Diabetes Mellitus in the Elderly Adults in Korea: the Korean National Health and Nutrition Examination Survey 2019-2020 <i>Seung-Hyun Ko (Department of Internal Medicine, The Catholic University of Korea, Korea)</i>	
WPCS-10-3	Factors Associated with Treatment Burden in Patients of Elderly Diabetes Patients with Multi-comorbidities <i>Hui-Chun Hsu (Director of Diabetes Center, Lee's Endocrinology Clinic, Taiwan)</i>	
WPCS-10-4	Risk of cause-specific mortality across glucose spectrum in elderly people: a nationwide population-based cohort study <i>Joonyub Lee (Division of Endocrinology, Department of Internal Medicine, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)</i>	

WPCS-10-5	The impact of pay-for-performance program on glycemic overtreatment in old patients with type 2 diabetes in Taiwan <i>Ching-Chu Chen (Division of Endocrinology and Metabolism, Department of Medicine, China Medical University Hospital, Taichung 40447, Taiwan / School of Chinese Medicine, China Medical University, Taichung 40402, Taiwan)</i>
WPCS-10-6	Serum Osmolality Predicts Diabetes Onset with Kidney Function Decline in Non-diabetics: A 4-Year Longitudinal Study <i>Jui-Chu Huang (Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Yunlin 638, Taiwan / Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Chiayi 613, Taiwan / Graduate Institute of Clinical Medical Sciences, College of Medicine, Chang Gung University, Chiayi 613, Taiwan)</i>
WPCS-10-7	Effect of aging on glucose metabolism in Japanese healthy subjects (The Koshi Study) <i>Kazuki Fukuda (Center for Metabolic regulation of Healthy Aging Faculty of Life Sciences, Kumamoto University / Department of Metabolic Medicine Faculty of Life Sciences, Kumamoto University, Japan)</i>
WPCS-10-8	Level of Serum Pentosidine and esRAGEs in Women with Type 2 Diabetes Mellitus as a Predictor of Bone Quality <i>Stella Ilone (Division of Endocrine and Metabolism, Department of Internal Medicine, University of Indonesia, Indonesia)</i>
WPCS-10-9	Correlation between Calcium serum with T Score Spine among Patients with Diabetes <i>Ida Bagus Aditya Nugraha (DIVISION OF ENDOCRINOLOGY AND METABOLIC, DEPARTMENT OF INTERNAL MEDICINE, UDAYANA UNIVERSITY, Indonesia)</i>

Poster Presentation (Clinical Science)

Diabetes and obesity II

14:50-16:00		Event Hall
Chair	Zhanay A. Akanov (Kazakhstan)	
WPCS-11-1	Whole-exome sequencing identifies rare mutations of <i>CALCR</i> , <i>GIPR</i> , <i>GPR151</i> and <i>GPR75</i> in individuals with severe obesity <i>Xianghui Chen (Shanghai Diabetes Institute / Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-11-2	Newly diagnosed diabetes characteristics: preliminary results from Mongolian Diabetes Registration Study (MONDIA) <i>Oyuntugs Byambasukh (Department of Endocrinology, Mongolian National University of Medical Sciences, Mongolia)</i>	
WPCS-11-3	Remote preconditioning increases glucose utilization via hepatic glucose transporter-4 and improves hepatosteatosis <i>Atsushi Kurabayashi (Department of Pathology, Kochi Medical School, Japan)</i>	
WPCS-11-4	The interaction of insulin resistance and diabetic genetic risk score on development of diabetes in Asian population <i>Chia-Lin Lee (Intelligent data mining laboratory, Department of Medical Research, Taichung Veterans General Hospital, Taichung, Taiwan / Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taichung, Taiwan / School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan / Division of Endocrinology and Metabolism, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan / Department of Public Health, College of Public Health, China Medical University, Taichung, Taiwan)</i>	
WPCS-11-5	Cumulative exposure to metabolic syndrome is associated with type 2 diabetes risk in young adults <i>Hyuk-Sang Kwon (Division of Endocrinology and Metabolism, Department of Internal Medicine, The Catholic University of Korea, Korea)</i>	
WPCS-11-6	The Characteristics of Prediabetes Patients associated with Insulin Resistance in Padang, Indonesia <i>Alexander Kam (Metabolic Endocrinology Division, Internal Medicine Department, Medical Faculty, University of Andalas, Indonesia)</i>	
WPCS-11-7	Association between triglyceride to high-density lipoprotein ratio and waist circumference in Mongolian adults <i>Narkhajid Galsanjigmed (Mongolian National University of Medical Sciences, Department of Endocrinology, Mongolia)</i>	
WPCS-11-8	Central obesity and glucose intolerance among Mongolian military personnels <i>Delgermaa Bor (Department of Endocrinology, School of Medicine, MNUMS / Central military hospital, Ministry of Defence, Mongolia)</i>	

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WPCS-11-9 Validation and reliability of the Mongolian version of the Dietary Variety Score and Cumulative Lifestyle Index
Undraa Boldkhuu (Department of Endocrinology, Mongolian National University of Medical Science, Mongolia)

Poster Presentation (Clinical Science)

Glucose-lowering agents for diabetes I

14:50-16:00		Event Hall
Chair	Takehiro Kato (Japan)	
WPCS-12-1	Effect of SGLT2 Inhibitor on Plasma Carnitine levels in patients with Type 2 Diabetes <i>Mariko Higa (Division of Diabetes and Endocrinology, Department of Internal Medicine, Saiseikai Yokohamashi Tobu Hospital, Japan)</i>	
WPCS-12-2	Renoprotective effects of SGLT2 Inhibitors in type 2 diabetes patients, in routine clinical practice <i>Tomoyuki Fujita (Department of Endocrinology and Metabolism, Aomori Prefectural Central Hospital, Aomori, Japan)</i>	
WPCS-12-3	Glucose lowering pharmacological treatment options of diabetic patients <i>Ankhmaa Bolor (Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia)</i>	
WPCS-12-4	Efficacy of SGLT2 inhibitors in elderly type 2 diabetes with and without renal dysfunction <i>Yoshihiro Takahashi (Department of Diabetes, Endocrinology and Metabolism and Department of Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine / Department of Diabetes and Endocrinology, Matsunami General Hospital, Japan)</i>	
WPCS-12-5	Benefits of SGLT2 inhibitors for hyperglycemia due to high-dose corticosteroid therapy in patients with type 2 diabetes <i>Kaori Ikeda (Department of Clinical Research Facilitation, Institute for Advancement of Clinical and Translational Science, Kyoto University Hospital / Department of Diabetes, Endocrinology and Nutrition, Kyoto University, Japan)</i>	
WPCS-12-6	Long-term risk of hyponatremia in patients with diabetes mellitus receiving SGLT2-inhibitors <i>Wu-Lung Chuang (Division of Endocrinology and Metabolism, Department of Internal Medicine, Changhua Christian Hospital, Changhua, Taiwan / Division of Endocrinology and Metabolism, Department of Internal Medicine, Lukang Christian Hospital, Changhua, Taiwan / Institute of Medicine of Chung Shan Medical University, Taichung, Taiwan)</i>	
WPCS-12-7	Effects of DPP-IV inhibitor Gemigliptin on stress induced accelerated senescence <i>Jeong Hyun Park (Department of Internal Medicine, College of Medicine, Inje University, Busan, South Korea / Paik Institute for Clinical Research, Inje University, Busan, Korea)</i>	
WPCS-12-8	Relation between prolonged utilization of Dipeptidyl peptidase-4 inhibitors and the risk of pancreatic cancer <i>Sodai Kubota (Departments of Diabetes, Endocrinology and Metabolism/Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine / Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Japan)</i>	
WPCS-12-9	The glycemic role of leptin and ghrelin after treatment of SGLT2 inhibitors in type 2 diabetes <i>Jun Hwa Hong (Department of Internal Medicine, Daejeon Eulji Medical Center, Eulji University, Daejeon, Korea)</i>	

Poster Presentation (Clinical Science)

Type 1 diabetes

14:50-16:00		Event Hall
Chair	Oyuntugs Byambasukh (Mongolia)	
WPCS-13-1	Fatty acid profile in patients with different titers of GADA in patients with latent autoimmune diabetes in adults <i>Benli Su (Department of Endocrinology and Metabolism, Second Hospital of Dalian Medical University, China)</i>	
WPCS-13-2	Clinical features of adults with type 1 diabetes mellitus <i>Ganchimeg Dashbal (Department of Endocrinology, Mongolian National University of Medical Sciences / Seoul hospital, Ulaanbaatar, Mongolia)</i>	
WPCS-13-3	Detectable proinsulin levels after the onset of fulminant type 1 diabetes: TIDE-J study <i>Ryota Nagae (Department of Internal Medicine 1, Osaka Medical and Pharmaceutical University, Japan)</i>	
WPCS-13-4	Acute hepatitis-type liver injury with iron deposition in a male with newly onset anti-GAD antibody-positive T1 diabetes <i>Shinichiro M. Koga (Section for Diabetes & Endocrinology, Department of disorders in Kidney & Endocrine Systems, Tokyo Metropolitan Police Hospital, Tokyo 1648541, JAPAN / Department of Diabetes & Endocrinology, Tokyo Hospital, Japan Organization for Occupational Health and Safety, Tokyo 1430013, JAPAN / Medicine and Pediatrics, Showa Women's University, Tokyo 1548533, Japan)</i>	

WPCS-13-5	Efficacy of immunotherapies on β -cell preservation in patients with T1D: a systematic review and meta-analysis <i>Suiyuan Hu (Department of Endocrinology and Metabolism, Peking University People's Hospital, Beijing, China)</i>
WPCS-13-6	DIABETIC KETOACIDOSIS IN LATENT AUTOIMMUNE DIABETES IN ADULTS WITH GRAVES' DISEASE: A RARE CASE <i>Muhammad Abdi Riyantono (Department of Internal Medicine, University of Andalas, Indonesia)</i>
WPCS-13-7	Thinking from a case of fulminant type 1 diabetes(FT1D) <i>Can Cui (Department of Endocrinology and Metabolism, Second Affiliated Hospital of Harbin Medical University, China)</i>
WPCS-13-8	Is TyG-index an Indicator of DKA Severity in the Patients with Ketosis-prone Diabetes <i>Sumita Cholekho (Department of Endocrinology and Metabolism, West China Hospital of Sichuan University, Chengdu, China)</i>
WPCS-13-9	Characteristics of HLA class II genes of patients with type 1 diabetes and those with autoimmune thyroid disease <i>Risa Kajita (Department of Internal Medicine, Division of Endocrinology and Metabolism, Gunma University Hospital, Japan)</i>

Poster Presentation (Clinical Science)

Type 2 diabetes I

14:50-16:00		Event Hall
Chair	Ta Van Binh (Vietnam)	
WPCS-14-1	Semaglutide for non-alcoholic fatty liver disease: a switch from other glucagon-like peptide-1 receptor agonists <i>Hiroshi Nomoto (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)</i>	
WPCS-14-2	Personalized glucose-lowering effect of Chiglitazar in Type 2 Diabetes: a post-hoc analysis of clinical trials <i>Qi Huang (Department of Endocrinology and Metabolism, Peking University Peoples' Hospital, Beijing, 100044, China)</i>	
WPCS-14-3	Clinical factors and glycemic control in Japanese patients with type 2 diabetes treated with 0.75 mg/ week Dulaglutide <i>Tomoyo Hara (Department of Hematology, Endocrinology and Metabolism, Tokushima University Graduate School of Biomedical Sciences, Tokushima, Japan)</i>	
WPCS-14-4	Exercise improves quality of life in adults with type 2 diabetes: a systematic review and meta-analysis <i>Angelo Sabag (University of Sydney, Australia)</i>	
WPCS-14-5	The impact of weight loss on metabolic control among type 2 diabetes patients: a retrospective real-world study <i>Christian Tricaesario (Diabetes Connection & Care, Eka Hospital / Diabetes Initiative Indonesia, Indonesia)</i>	
WPCS-14-6	Association of Insulin Antibody Subclasses with Glucose Control in Insulin-Treated Type 2 Diabetes Mellitus <i>Shuang Chen (Department of Endocrinology, First Affiliated Hospital of Nanjing Medical University, China)</i>	
WPCS-14-7	Elucidation of Metabolic Regulatory Mechanisms in Liver by SGLT2 Inhibitors <i>Yoshihito Fujita (Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Japan)</i>	
WPCS-14-8	Investigation of the Insulin-secretory and anti-apoptotic effect of apigenin on the function of INS-ID pancreatic β -cell <i>Stella Amarachi Ihim (Department of Pharmacology, Graduate School of Pharmaceutical Sciences, University of Shizuoka, Japan)</i>	
WPCS-14-9	Antidiabetic drugs selection and its influencing factors in patients with type 2 diabetes in the last five years <i>Benli Su (Department of Endocrinology and Metabolism, Second Hospital of Dalian Medical University, China)</i>	

Program

Poster Presentation (Education and Care)

Diabetes education and care II

14:50-16:00		Event Hall
Chair	Sith Dara Sea (Cambosia)	
WPEC-02-1	Changes of serum creatinine and adverse outcomes after post-contrast acute kidney injury <i>Jixiang Ying (Department of Endocrinology and Metabolism, Diabetic Foot Care Center, West China Hospital, Sichuan University, Chengdu, China / Department of Endocrinology and Metabolism, West China Longquan Hospital Sichuan University, Chengdu, China)</i>	
WPEC-02-2	A utility of the uptake of loss and the vitamins supplying drink of blood vitamins by the haemodialysis <i>Nakagawa Akihiko (Department of health, science nutrient subject, Hokuriku Gakuin University, Japan)</i>	
WPEC-02-3	Effect of nutrition education intervention on glycaemic control of individuals with type 2 diabetes mellitus <i>Harshi Prasadini Gunawardena (Department of Applied Nutrition, Wayamba University of Sri Lanka, Sri Lanka)</i>	
WPEC-02-4	Study on the effects of Medical Nutrition Therapy for patients with Type 2 Diabetes <i>Meera Kweon (Dept. of Nutrition, Seoul National University Hospital, Korea)</i>	
WPEC-02-5	DIABETES AND HEALTHY PLATE DIET <i>Sosorburam Chimeddamba (Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia)</i>	
WPEC-02-6	Effect of Diabetes Self-Management Education (DSME) Program in Type 2 Diabetes Mellitus: Retrospective Real-World Study <i>William Djauhari (Diabetes Connection & Care, Eka Hospital BSD / Diabetes Initiative Indonesia, Indonesia)</i>	
WPEC-02-7	Making a brochure to use for efficacious education for type 1 diabetes patients <i>Yuriko Yamazaki (Department of Nursing, Tachikawa Mirai Clinic, Japan)</i>	
WPEC-02-8	The oral hygiene educational intervention in patients with type 2 diabetes mellitus <i>Enkhjargal Yanjmaa (Department of Public Health Nursing, School of Nursing, Mongolian National University of Medical Sciences, Mongolia)</i>	
WPEC-02-9	The diabetes team is problem oriented to improve the safe insulin injection skills of non endocrine nurses <i>Zhang Dong Jing (Beijing Tsinghua Changgeng Hospital, China)</i>	
WPEC-02-10	Effects of Mobile eHealth Literacy on Self-care Behaviors in Taiwanese Patients with Type 2 Diabetes <i>Shi-Yu Chen (Research assistant of Diabetes Center, Tri-Service General Hospital, Taiwan)</i>	

Poster Presentation (Education and Care)

Obesity, exercise and more

14:50-16:00		Event Hall
Chair	Marsha Tolentino (Philippines)	
WPEC-03-1	Outcome of intensive treatment for obesity at our hospital <i>Bunzo Matsuura (Ehime University Graduate School of Medicine, Japan)</i>	
WPEC-03-2	The Role of Urokinase Plasminogen Activator on Irisin and Insulin Resistance During Exercise <i>Chai-Chun Chen (Division of Endocrinology and Metabolism, Department of Internal Medicine, Shuang Ho Hospital, Taipei Medical University, Taiwan)</i>	
WPEC-03-3	THE EFFECTIVENESS OF DIABETIC FOOT EXERCISE USING SPONGE AND PLASTIC BALL IN INCREASING FEET SENSITIVITY <i>Abd. Gani Baeda (University of Sembilanbelas November, Indonesia)</i>	
WPEC-03-4	Study on the effect of high interval exercise in pre-diabetic population <i>Qi Wang (Beijing Tsinghua Changgung Hospital, China)</i>	
WPEC-03-5	A study of obesity risk in relation to diet habits and frequency of physical activity <i>Agiimaa Byambaa (Department of Endocrinology, Mongolian National University of Medical Sciences, Mongolia)</i>	
WPEC-03-6	Impact of Metabolic-Bariatric Surgery on glycemic and metabolic outcomes in an Asian cohort: a 10-year follow-up study <i>Wei Lum Gwyneth Syn (MOH Holdings Pte Ltd, Singapore)</i>	
WPEC-03-8	What is the image of diabetes in healthcare workers in Japan? (Survey of questionnaire) <i>Yu Kouchi (Diabetes support Team "Isu I-ssu", Japan)</i>	
WPEC-03-9	Stigma and psychological burden faced by people with type 1 diabetes who don't disclose their feelings to friends <i>Hiroko Takaike (Division of Diabetology and Metabolism, Department of Internal Medicine Tokyo Women's Medical University School of Medicine, Japan)</i>	

July 22 (Sat), 2023

Oral Presentation (Education and Care)

Diabetes education and care II

8:50-10:30		Room I
Chair	Nguyen Thy Khue (Vietnam), Munehide Matsuhisa (Japan)	
WOEC-03-1	Evaluation of Nursing Educational Material on Oral Health Behavior of Persons with Diabetes: Part 3—Physicians' Survey <i>Yumi Kuwamura (Department of Nursing, Institute of Biomedical Sciences, Tokushima University Graduate School, Japan)</i>	
WOEC-03-2	Potential of role-playing in training medical staff who care for patients with diabetes <i>Miyako Kishimoto (Department of Internal Medicine, Sanno Hospital, Japan)</i>	
WOEC-03-3	The Research of Experiential Learning Family Empowerment Education in Insulin Injection Education for diabetes Patients <i>Yi Jing Lin (Tsinghua University affiliated Beijing Tsinghua Chang Gung Memorial Hospital Liver Transplantation Center, China)</i>	
WOEC-03-4	Effect of training for Diabetes Specialist Nurse teachers based on core competency framework <i>Fang Zhao (China-Japan Friendship Hospital, China)</i>	
WOEC-03-5	Molecular network regulated by dietary resistant starch <i>Rong Zeng (Shanghai Institute of Biochemistry and Cell Biology, CAS, China)</i>	
WOEC-03-6	The actual use of the online meal management application named "Oishi-Kenko" at home by people with diabetes <i>Kazuki Hamada (Oishi Kenko Incorporated, Japan)</i>	
WOEC-03-7	Physical activity is associated with increased urine glucose excretion in Chinese adults: a population-based study <i>Xiaoying Zhou (Zhongda Hospital, Southeast University, China)</i>	
WOEC-03-8	The Impacts of 90 Minutes a Week in Four Weeks of Moderate-Intensity Exercise on Leptin in Type 2 Diabetes Mellitus <i>Febri Kurniawati (Department of Internal Medicine, Airlangga University Faculty of Medicine, Dr. Soetomo Teaching Hospital Surabaya, Indonesia)</i>	
WOEC-03-9	High prescription rate of nasal glucagon for hypoglycemia by pediatricians and physicians in Japan <i>Masaaki Matsumoto (Department of Endocrinology and Metabolism, Hyogo Prefectural Kobe Children's Hospital, Japan)</i>	

Oral Presentation (Clinical Science)

Type1 diabetes

8:50-10:30		Room J
Chair	Alicia Josephine Jenkins (Australia), Daisuke Chujo (Japan)	
WOCS-07-1	Prevalence, clinical characteristics and HLA-DR genotypes of idiopathic type 1 diabetes: a cross-sectional study <i>Xia Li (Department of Metabolic Endocrinology, Second Xiangya Hospital, Central South University, China)</i>	
WOCS-07-3	Subtype identification by data-driven methods for patients with type 1 diabetes <i>Xia Li (Department of Metabolic Endocrinology, Second Xiangya Hospital, Central South University, China)</i>	
WOCS-07-4	Insulin resistance related metabolic disorders are associated with cognitive decline in type 1 diabetes <i>Xia Li (Department of Metabolic Endocrinology, Second Xiangya Hospital, Central South University, China)</i>	
WOCS-07-5	Circular RNA profile identifies circSAMD8 as a novel potential biomarker for fulminant type 1 diabetes <i>Shuoming Luo (National Clinical Research Center for 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, China)</i>	
WOCS-07-6	Insulin resistance is more frequent in type 1 diabetes patients with long diabetes duration <i>Xia Li (National Clinical Research Center for 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, Changsha 4111, Hunan, China)</i>	
WOCS-07-7	Clinical and HLA Genotype Analysis of Immune Checkpoint Inhibitor-Associated Diabetes Mellitus <i>Yi-Chen Liu (Department of Endocrinology, The Third Xiangya Hospital, Central South University, China)</i>	

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WOCS-07-8	Clinical analysis of 17 patients with adult fulminant type 1 diabetes in China <i>Hongping Gong (International Medical Center Ward, General Practice Medical Center, West China Hospital, Sichuan University / Diabetic Foot Care Center, Department of Endocrinology and Metabolism, West China Hospital, Sichuan University, China)</i>
WOCS-07-9	High incidence of end-stage renal disease in slowly progressive childhood-onset type 1 diabetes: a cohort study in Japan <i>Hiroshi Yokomichi (Department of Health Sciences, University of Yamanashi, Japan)</i>

Oral Presentation (Clinical Science)

Etiology and pathophysiology of type 2 diabetes I

8:50-10:30		Room K
Chair	Lee-Ming Chuang (Taiwan), Kazuki Yasuda (Japan)	
WOCS-08-1	Insulin, Glucagon & Incretin response to OGTT & Diet Pattern in patients with newly diagnosed T2DM & Non DM persons <i>Moh Moh Myint Aung (Diabetes and Endocrinology Department, University of Medicine 2, Yangon, Myanmar)</i>	
WOCS-08-2	Trpα deficiency impairs early events of insulin biosynthesis causing age- and diet-related impaired glucose tolerance <i>Xin Li (Tianjin Medical University General Hospital, China)</i>	
WOCS-08-3	Waist Circumference is More Strongly Associated with Diabetes than BMI in Taiwanese Adults, Especially in Women <i>Chun-Cheng Liao (Department of Family Medicine, Taichung Armed Forces General Hospital, Taichung / School of Medicine, National Defense Medical Center, Taipei, Taiwan / Department of medical education and research, Taichung Armed Forces General Hospital, Taichung, Taiwan)</i>	
WOCS-08-4	Mediating Effects of ionic elements on the association between tea drinking and dysglycaemia <i>Zilin Sun (Department of Endocrinology, Zhongda Hospital, Institute of Diabetes, School of Medicine, Southeast University, Nanjing 210009, China)</i>	
WOCS-08-5	Impact of Hypoglycemia on Heat Shock Protein Concentration in Kidney Tissue: A Study in Type-2 Diabetes Rat Models <i>Hendra Zufry (Division of Endocrinology, Metabolism and Diabetes, Department of Internal Medicine, School of Medicine. Dr. Zainoel Abidin General Teaching Hospital, Universitas Syiah Kuala, Indonesia)</i>	
WOCS-08-6	The Association of Bone Metabolism with Glycemic Traits and the Risk of Diabetes: A Mendelian Randomization Study <i>Ching-Lung Cheung (Department of Pharmacology and Pharmacy, the University of Hong Kong, Hong Kong)</i>	
WOCS-08-7	The association between exposure to famine in early life and risk of diabetic complications for type 2 diabetes in China <i>Chu Lin (Department of Endocrinology and Metabolism, Peking University People's Hospital, China)</i>	
WOCS-08-8	Association between skinfold thickness and the risk of type 2 diabetes independent of body mass index <i>Kyoko K. Sato (Department of Preventive Medicine and Environmental Health, Osaka Metropolitan University Graduate School of Medicine, Japan)</i>	
WOCS-08-9	GPSM1 impairs metabolic homeostasis by controlling a pro-inflammatory pathway in macrophages <i>Jing Yan (Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	

Symposium (Clinical Science)

Ethnic differences in the progression of diabetic nephropathy

09:30-12:00		Annex Hall 1
Chair	Ronald Ching Wan Ma (Hong Kong), Tetsuya Babazono (Japan)	
CS-03-1	Current situation of diabetic kidney disease in Japan <i>Shinji Kume (Department of Medicine, Shiga University of Medical Science, Japan)</i>	
CS-03-2	Diabetic Kidney Disease in Japan: impact of new therapies and future direction <i>Keizo Kanasaki (Shimane University, Japan)</i>	
CS-03-3	Epidemiology and management of diabetic kidney disease in Korea <i>Nan Hee Kim (Korea University Ansan Hospital, Korea)</i>	

CS-03-4	Molecular epidemiology of diabetic kidney disease in Asians <i>Ronald Ching Wan Ma (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong)</i>
CS-03-5	Recent progress in the management of DKD <i>Sydney Tang (The University of Hong Kong, Hong Kong)</i>

Symposium (Clinical Science)

Obesity in Diabetes

09:30-12:00		Annex Hall 2
Chair	Chih-Yuan Wang (Taiwan), Toshinari Takamura (Japan)	
CS-04-1	The Twin's Crosstalk between Metabolic-Associated Fatty Liver Disease and Fatty Pancreas in Type 2 Diabetes <i>Chih-Yuan Wang (Department of Internal Medicine, Division of Endocrinology and Metabolism, College of Medicine, National Taiwan University, Taiwan)</i>	
CS-04-2	In search of the optimal management for obesity-related liver diseases in type 2 diabetes <i>Karen Siu Ling Lam (Department of Medicine, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, the University of Hong Kong, Hong Kong)</i>	
CS-04-3	Effect of Weight Loss on Glucose Metabolism in Overweight Japanese People <i>Kazuyo Tsushita (Kagawa Nutrition University, Japan)</i>	
CS-04-4	Impact of Obesity on Diabetes and Cardiovascular Disease -National Hospital Organization Multicenter Obesity and Diabetes Cohort Study- <i>Noriko Satoh-Asahara (Department of Endocrinology, Metabolism and Hypertension Research, Clinical Research Institute, National Hospital Organization, Kyoto Medical Center/ Department of Metabolic Syndrome and Nutritional Science, Research Institute of Environment Medicine, Nagoya University, Japan)</i>	
CS-04-5	Impacts of genetic factors on obesity and diabetes in Māori and Pacific populations in New Zealand <i>Peter R Shepherd (University of Auckland, New Zealand)</i>	

Symposium (Clinical Science)

Clinical practice guideline for anti-diabetes medication in Asia

09:30-12:00		Room A
Chair	Young Min Cho (Korea), Daisuke Yabe (Japan)	
CS-08-1	Introduction / GLP-1RAs and GIP/GLP-1RA <i>Daisuke Yabe (Gifu University Graduate School of Medicine, Japan)</i>	
CS-08-2	Use of basal insulin in the management of adults with type 2 diabetes: An Asia-Pacific evidence-based clinical practice guideline <i>Linong Ji (Peking University People's Hospital, China)</i>	
CS-08-3	Sulphonylurea/glinide <i>Kathryn C. B. Tan (University of Hong Kong, Hong Kong)</i>	
CS-08-4	AGI use in Asia <i>Wayne H-H Sheu (Institute of Molecular and Genomic Medicine, National Health Research Institute, Taiwan)</i>	
CS-08-5	Current positioning of TZD (thiazolidinedione) <i>Iseki Takamoto (Department of Metabolism and Endocrinology, Tokyo Medical University Ibaraki Medical Center, Japan)</i>	
CS-08-6	SGLT2I <i>Dae Jung Kim (Ajou University School of Medicine, Korea)</i>	
CS-08-7	Imeglimin <i>Kohjiro Ueki (National Center for Global Health and Medicine, Japan)</i>	
CS-08-8	Clinical practice guideline for anti-diabetes medication in Asia: Insulin <i>Jae Hyeon Kim (Division of Endocrinology and Metabolism, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)</i>	
CS-08-9	Summary and DPP-4i <i>Young Min Cho (Seoul National University College of Medicine, Korea)</i>	

Program

Symposium (Basic Science)

AIBIS I: Islet and Incretin Biology

Eli Lilly Japan / Mitsubishi Tanabe Pharma Corporation

09:30-12:00		Room B-1
Chair		
Jyuhn-Huarng Juang (Taiwan), Nobuya Inagaki (Japan)		
BS-03-1	Type 2 diabetes mellitus in Asia : Journey with beta-cell <i>Kunho Yoon (Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul St. Mary's Hospital / College of Medicine, The Catholic University of Korea, Korea)</i>	
BS-03-2	New islet research pioneered through PP cells <i>Yoshio Fujitani (Institute for Molecular and Cellular Regulation (IMCR), Gunma University, Japan)</i>	
BS-03-3	Secretory autophagy promotes RAB37-mediated insulin secretion in pancreatic beta cell <i>Sheng-Hui Lan (Department of Life Sciences and Institute of Genome Sciences, National Yang Ming Chiao Tung University, Taiwan)</i>	
BS-03-4	The role of acinar cells in GLP-1R-mediated beta cell proliferation <i>Jun Shirakawa (Institute for Molecular and Cellular Regulation (IMCR), Gunma University, Japan)</i>	
BS-03-5	Identification of functional expression of glucose transporters in primary cilia of pancreatic β cells <i>Eun Young Lee (The Catholic University of Korea, Korea)</i>	

Symposium (Clinical Science)

Dietary factors in the management of diabetes

09:30-12:00		Room B-2
Chair		
Leyden Villeges Florido (Philippines), Naoto Kubota (Japan)		
CS-05-1	Dietary factors in diabetic managements <i>Leyden Villegas Florido (Diabetes Philippines, Philippines)</i>	
CS-05-2	Nutritional solutions for people with diabetes in Vietnam <i>Truong Tuyet Mai (National Institute of Nutrition, Ministry of Health, School of Medicine Hai Phong, School of Medicine Hanoi, Vietnam)</i>	
CS-05-3	Exploring the Influence of Meal Sequence for Postprandial glycemia <i>Yuji Yamazaki (Center for Diabetes, Endocrinology and Metabolism, Kansai Electric Power Hospital, Japan, Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Japan)</i>	
CS-05-4	Dietary Factors in Diabetic Management -an Indian Perspective. <i>Jagmeet Madan (Sir Vithaldas Thackersey College of Home Science (Autonomous), SNDT Women's University, Mumbai, India)</i>	
CS-05-5	Singapore Story: A multipronged approach to managing diabetes <i>Kalpana Bhaskaran (Singapore)</i>	
CS-05-6	Dietary factors in diabetic management <i>Viliame Raqele Qio (Diabetes Fiji Inc, Fiji)</i>	

Oral Presentation (Basic Science)

Adiposcience

10:30-12:10		Room I
Chair		
Min-Seon Kim (Korea), Yasuharu Ohta (Japan)		
WOBS-03-1	Betaine-homocysteine methyltransferase promotes adipocyte commitment and insulin resistance via p38 MAPK/Smad signaling <i>Suzhen Chen (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOBS-03-2	Molecular signature of insulin resistance in visceral adipose tissue in obesity <i>Dipayan Roy (Department of Biochemistry, All India Institute of Medical Sciences (AIIMS) Patna, India)</i>	
WOBS-03-3	Eepd1 promotes PKA-mediated adipose tissue lipolysis and ameliorates obesity <i>Suzhen Chen (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOBS-03-4	Phosphorylation-dependent adipose circadian reprogramming induces a window for enhanced fat burning <i>Rong Zeng (Shanghai Institute of Biochemistry and Cell Biology, CAS / ShanghaiTech University, China)</i>	

WOBS-03-6	Dysfunction in pacemaker activity of sinoatrial nodal cells in a mouse model of myocardial steatosis <i>Yukari Takeda (Department of Integrative and Systems Physiology, Faculty of Medical Sciences, University of Fukui / Life Science Innovation Center, University of Fukui, Japan)</i>
WOBS-03-7	Neuregulin4 Acts on Hypothalamic ErBb4 to Excite Oxytocin Neurons and Preserve Metabolic Homeostasis <i>Yi Zhang (Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>
WOBS-03-8	Calcitonin Acts on Hypothalamic CALCR to Preserve Metabolic Homeostasis <i>Yeping Huang (Shanghai Diabetes Institute, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, China)</i>
WOBS-03-9	Follistatin-like 3 is a biomarker and mediator of human adipose tissue inflammation <i>Xiaoya Li (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital / Shanghai Clinical Center for Diabetes, Shanghai 200233, China)</i>

Oral Presentation (Clinical Science)

Diabetes complications

10:30-12:10		Room J
Chair	Zhangrong Xu (China), Hirohito Sone (Japan)	
WOCS-09-1	Relationship between thyroid stimulating hormone, time in range and diabetic retinopathy in euthyroid type 2 diabetes <i>Yaxin Wang (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOCS-09-2	Independent risk factors of rapid renal function decline in patients with type 2 diabetes with preserved kidney function <i>Hiroyuki Unoki-Kubota (Department of Diabetic Complications, Diabetes Research Center, Research Institute, National Center for Global Health and Medicine, Japan)</i>	
WOCS-09-3	Determinants of Hand Function in Patients with Type-2 Diabetes Mellitus (T2DM) <i>Ahmad Zamir Che Daud (Centre of Occupational Therapy Studies, Faculty of Health Sciences, Universiti Teknologi MARA, Malaysia)</i>	
WOCS-09-4	Metformin reverses high fructose-induced renal tubular injury by targeting ChREBP- β /TXNIP <i>Li Ming Chen (Department of CHM, University of TJM, China)</i>	
WOCS-09-5	Mediating effects of metabolism profile on the relationship 25(OH)D with cognitive function in diabetic patients <i>Wen Wen Zhu (Department of Endocrinology, Affiliated Zhongda Hospital of Southeast University / School of Medicine, Southeast University, China)</i>	
WOCS-09-6	Application of antibiotic bone cement in the treatment of moderate and severe diabetic foot infection <i>Huifeng Zhang (Department of Endocrinology, Zhengzhou University People's Hospital, Henan Provincial People's Hospital, Zhengzhou, China)</i>	
WOCS-09-7	Etiological characteristics of diabetes foot with different degrees of renal damage <i>Huifeng Zhang (Department of Henan Provincial People's Hospital, University of Zhengzhou, China)</i>	
WOCS-09-8	Clinical characteristics and risk factors of lower extremity amputation in the diabetic inpatients with foot ulcers <i>Hongping Gong (International Medical Center Ward, General Practice Medical Center, West China Hospital, Sichuan University / Diabetic Foot Care Center, Department of Endocrinology and Metabolism, West China Hospital, Sichuan University, China)</i>	
WOCS-09-9	Clinical characteristics and risk factors for mortality in patients with diabetic foot ulcers <i>Hongping Gong (International Medical Center Ward, General Practice Medical Center, West China Hospital, Sichuan University / Diabetic Foot Care Center, Department of Endocrinology and Metabolism, West China Hospital, Sichuan University, China)</i>	

Oral Presentation (Clinical Science)

Etiology and pathophysiology of type 2 diabetes II

10:30-12:00		Room K
Chair	Hong Kyu Lee (Korea), Ryotaro Bouchi (Japan)	
WOCS-10-1	Decreased Abundance of <i>Akkermansia muciniphila</i> leads to the Impairment of Insulin Secretion in Type 2 Diabetes <i>Huating Li (Department of Endocrinology and Metabolism, Shanghai Sixth People Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	

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WOCS-10-2	Clinical characteristics of DKA in Chengdu over the past 20 years <i>Na Zhang (The Department of Endocrinology and Metabolism West China Hospital, China)</i>
WOCS-10-3	Risk Factor Exploration of Pre-Diabetes/T2DM Under 40 Years : Multivariate Cross-Sectional Retrospective Study <i>Burhan Gunawan (Diabetes and Endocrine Centre, Sumber Waras Hospital / Diabetes Initiative Indonesia, Indonesia)</i>
WOCS-10-4	Decipher the role of B-cell-activating factor (BAFF) in metabolism <i>Ka Ying Chan (Department of Health Technology and Informatics, The Hong Kong Polytechnic University, Hong Kong)</i>
WOCS-10-5	Maximum weight loss shows better predictivity in reporting weight regain after bariatric surgery <i>Yiming Si (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, Shanghai Clinical Center of Diabetes, Shanghai 200233, China)</i>
WOCS-10-6	Population attributable fractions of modifiable risk factors for microvascular complications of type 2 diabetes in China <i>Chu Lin (Department of Endocrinology and Metabolism, Peking University People's Hospital, China)</i>
WOCS-10-7	Effect of Bashan tea drink on function of beta cells in type 2 diabetic patients <i>Chengming Ni (Department of endocrinology, Southeastern University / Department of endocrinology, Zhongda Hospital, Southeastern University, China)</i>
WOCS-10-8	Efficacy of Probiotics on the Modulation of Gut Microbiota in the treatment of Type-2 Diabetes Mellitus: A Meta-analysis <i>Ismail M. Fareez (School of Biology, Faculty of Applied Sciences, Universiti Teknologi MARA, 40450, Shah Alam, Selangor Darul Ehsan, Malaysia / Collaborative Drug Discovery Research (CDDR) Group, Faculty of Pharmacy, Universiti Teknologi MARA (UiTM), Selangor Darul Ehsan, Cawangan Selangor, Kampus Puncak Alam, 42300, Bandar Puncak Alam, Selangor Darul Ehsan, Malaysia)</i>
WOCS-10-9	Obesity impairs pancreatic β -cell integrity through targeted degradation of CtBP2 <i>Motohiro Sekiya (University of Tsukuba, Department of Endocrinology and Metabolism, Japan)</i>

AASD Award Ceremony

13:30-13:50	Room A
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Award Lecture

The Yutaka Seino Award Lecture

13:50-14:30	Room A
Chair	Yutaka Seino (Japan)
AW-02	Toward a new approach to treat Type 1 diabetes <i>Domenico Accili (Columbia University, USA)</i>

Symposium (Clinical Science)

Current situation of SGLT2 inhibitor use in Asia

14:40-17:10	Annex Hall 1
Chair	Sung Hee Choi (Korea), Masaomi Nangaku (Japan)
CS-06-1	Multifaceted Effects and Mechanisms of Action of SGLT2 Inhibitors <i>Yoshikatsu Kanai (Department of Bio-system Pharmacology, Osaka University Graduate School of Medicine, Japan)</i>
CS-06-2	Current situation of SGLT2 inhibitor use in Asia <i>Bien Jebunan Matawaran (University of Santo Tomas / Philippine College of Endocrinology, Diabetes, and Metabolism, Philippines)</i>
CS-06-3	Considerations in SGLT2 inhibitor use for Asians with type2 diabetes <i>Daisuke Yabe (Departments of Diabetes, Endocrinology and Metabolism / Department of Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine, and Center for One Medicine Innovative Translational Research, Gifu University, Japan)</i>
CS-06-4	SGLT2, inhibitors for heart failure: where are we now? <i>Jong-Chan Youn (Division of Cardiology, Seoul St. Mary's Hospital, The Catholic University of Korea, Korea)</i>
CS-06-5	SGLT2 inhibitor as a drug to protect the kidney <i>Masaomi Nangaku (The University of Tokyo Graduate School of Medicine, Japan)</i>

Symposium (Clinical Science)

Management in diabetes in the aging society

14:40-17:10		Annex Hall 2
Chair	Dalong Zhu (China), Yuichiro Yamada (Japan)	
CS-09-1	Management of Sarcopenia in Older Adults with Diabetes <i>Hak Chul Jang (Seoul National University Bundang Hospital, Korea)</i>	
CS-09-2	A practical Nutritional Approach to Better Management of Diabetes and Comorbidities in Older Adults <i>Shota Moyama (Japan)</i>	
CS-09-3	The investigation of the relation between incretin and sarcopenia <i>Yuya Takahashi (Department of Diabetes and Endocrinology, Akita University Hospital, Japan)</i>	
CS-09-4	Single hospital-based surveillance of walking capabilities and cognitive functions on elderly people with type2 diabetes in Japan. (Toranomom Walk-Training Trial, part1) <i>Yasumichi Mori (Department of metabolic diseases and diabetes, Toranomom Hospital, Japan)</i>	
CS-09-5	What we can do to avoid clinical inertia in older persons with diabetes <i>Yasuo Terauchi (Yokohama City University, Japan)</i>	

Symposium (Education and Care)

Round table discussion on the status and problems of diabetes care

14:40-17:10		Room A
Chair	Yingli Lu (China), Nigishi Hotta (Japan)	
EC-05-1	Diabetes Care: The Philippine Perspective <i>Marsha Tolentino (Diabetes Philippines, Inc., Philippines)</i>	
EC-05-2	Current status and challenges of diabetes care in Cambodia <i>Sith Dara Sea (Cambodia-China Friendship Preah Kossamak Hospital, Cambodia)</i>	
EC-05-3	Diabetes Care in Mongolia: Achievements and Challenges <i>Altai Saikhan Khasag (Mongolian National University of Medical Sciences, Mongolia)</i>	
EC-05-4	Diabetes in Central Asia and Kazakhstan <i>Zhanay A. Akanov (Kazakh Society for Study of Diabetes, Kazakhstan)</i>	
EC-05-5	Current status and challenges of diabetes care in WPR <i>Liming Chen (Chu-Hsien-I Memorial Hospital & Tianjin Institute of Endocrinology, Tianjin Medical University, China)</i>	
EC-05-6	The Challenges and Strategies for Diabetes Care Management in Taiwan <i>Chien-Ning Huang (Institute of Medicine, Chung Shan Medical University, Taiwan)</i>	
EC-05-7	Challenges of Diabetes Care in Vietnam <i>Khue Nguyen (Ho Chi Minh City Medical Association, Ho Chi Minh City Association of Diabetes and Endocrinology, Vietnam)</i>	

Symposium (Basic Science)

MDIA II: Monogenic Diabetes

14:40-17:10		Room B-1
Chair	Lee-Ming Chuang (Taiwan), Kishio Nanjo (Japan)	
BS-04-1	Role of rare variants in monogenic diabetes and youth onset type 2 diabetes <i>Soo Heon Kwak (Department of Internal Medicine, Seoul National University Hospital, Korea)</i>	
BS-04-2	Current issues in the management of monogenic diabetes in our institution <i>Naoko Iwasaki (Division of Diabetes, Endocrinology and Metabolism, Yachiyo Medical Center, Institute for Comprehensive Medical Sciences, and Institute of Medical Genetics, Tokyo Women's Medical University, Japan)</i>	
BS-04-3	Pathogenesis of MODY2, identification and management of MODY2 complicating pregnancy in Chinese <i>Limei Liu (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
BS-04-4	Genetic Dissection of Early-Onset Non-Type 1 Diabetes <i>Kazuyoshi Hosomichi (Laboratory of Computational Genomics, School of Life Science, Tokyo University of Pharmacy and Life Sciences, Japan)</i>	

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BS-04-5	Monogenic diabetes - clinical lessons <i>Su Chi Lim (Khoo Teck Puat Hospital, National Health Group; Saw Swee Hock School of Public Health, National University of Singapore; Lee Kong Chian School of Medicine, Nanyang Technological Institute, Singapore)</i>
BS-04-6	Diabetes in Wolfram Syndrome: Mechanism of beta-cell failure <i>Yukio Tanizawa (Department of Endocrinology, Metabolism, Hematological Science and Therapeutics, Yamaguchi University Graduate School of Medicine, Japan)</i>

Symposium (Education and Care)

Round table discussion on IDF-WPR/AASD Foot Care

14:40-17:10		Room B-2
Chair	Zhangrong Xu (China), Shigeo Kono (Japan)	
EC-06-1	Current status of diabetic foot care and future tasks in WPR <i>Shigeo Kono (Kono Clinic (Diabetology & Endocrinology) / WHOCC for Diabetes, Kyoto Medical Center, Japan)</i>	
EC-06-2	Progress and prospect of clinical treatment of diabetic foot in China <i>Zhangrong Xu (Diabetes Center, Department of Endocrinology, PLA Strategic Support Force Characteristic Medical, China)</i>	
EC-06-3	Rt Common Iliac Artery Thrombus of type 1 Diabetes Patient <i>Momtaz Ahmed (Principal Medical Officer & Head of Diabetes Centre, Suva, Fiji (Under Ministry of Health and Medical Services, Fiji))</i>	
EC-06-4	Implementation Science to Improve Diabetes Care: A Case Study of an Integrated Diabetic Foot Service <i>Lee-Ling Lim (Department of Medicine, Faculty of Medicine, University of Malaya, Malaysia)</i>	
EC-06-5	Current status of diabetic foot care and future tasks in Mongolia <i>Sainbileg Sonomtseren (Consultant Endocrinologist of ENDOMED clinic, Ulaanbaatar, Mongolia.)</i>	
EC-06-6	Diabetic Foot Management in the Philippines <i>Enrico Algozo de Jesus (Philippine Orthopedic Association, Philippine Medical Association, Philippine Wound Care Society, Philippines)</i>	
EC-06-7	Diabetic foot management during the covid 19 in the Philippines <i>Luinio Salanga Tongson (Institute for Studies on Diabetes Foundation Inc, Philippines)</i>	
EC-06-8	Recent advances in diabetic foot care in Taiwan base on data from nationwide and a major foot care center <i>Yu-Yao Huang (Endocrinology and Metabolism Chang Gung Memorial Hospital and University Taiwan, Taiwan)</i>	
EC-06-9	Offloading footwear for healing DFU <i>Gulapar Srisawasdi (Sirindhorn School of Prosthetics and Orthotics, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand)</i>	
EC-06-10	Managing Diabetic Foot Complications: Challenges with Coexisting Ulcers, Diabetes Complications, and Comorbidities <i>Binh Van Ta (Vietnam Diabetes Educators Association, Vietnam)</i>	

Oral Presentation (Clinical Science)

Prediabetes I

14:40-15:50		Room I
Chair	Dae Jung Kim (Korea), Kotaro Soeda (Japan)	
WOCS-11-1	National screening of non-communicable disease in Mongolia <i>Altaiasikhan Khasag (Mongolian National University of Medical Sciences Department of Endocrinology, Mongolia)</i>	
WOCS-11-2	Detecting the tipping points of type 2 diabetes by dynamic network biomarkers <i>Luonan Chen (Shanghai Institute of Biochemistry and Cell Biology, Center for Excellence in Molecular Cell Science, Chinese Academy of Sciences, China)</i>	
WOCS-11-3	Preoperative NAFLD status could be a predictor of improvement in beta-cell function in bariatric and metabolic surgery <i>Yuki Oe (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo, Hokkaido, Japan)</i>	
WOCS-11-4	Bariatric Surgery as Management for Young Obese Patient with Pre-T2DM : Prospective Observational Study in Sumber Waras <i>Burhan Gunawan (Diabetes and Endocrine Centre, Sumber Waras Hospital / Diabetes Initiative Indonesia, Indonesia)</i>	

WOCS-11-5	Can postprandial glucose and triglyceride excursions be normalized in morbidly obese patients after metabolic surgery? <i>Yukako Yamamoto (Department of Diabetes and Endocrinology, Japan)</i>
WOCS-11-6	D-Allulose directly activates satiety neurons and inhibits appetite neurons in the arcuate nucleus and inhibits feeding <i>Yermek Rakhat (Center for Integrative Physiology Division of Integrative Physiology, Kansai Electric Power Medical Research Institute, Kyoto / Department of Diabetes, Endocrinology and Metabolism/Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine, Gifu, Japan)</i>

Oral Presentation (Clinical Science)

COVID-19 and Diabetes

14:40-15:50		Room J
Chair	Andrea On Yan Luk (Hong Kong), Nagaoki Toyoda (Japan)	
WOCS-12-1	Importance of early stage of immune response in COVID 19 vaccination in diabetes with renal complication (KDDS11) <i>Gendai Lee (Diabetes and artificial Kidney, Medical Corporation Gendai Clinic, Kitakyushu, Japan)</i>	
WOCS-12-2	Diabetes Care during the Covid-19 Pandemic in China <i>Chi Zhang (Department of Endocrinology, Hunan Provincial People's Hospital, First Affiliated Hospital of Hunan Normal University, Changsha, Hunan, China)</i>	
WOCS-12-3	RELATIONSHIP OF NUTRITIONAL STATUS AND VITAMIN D LEVELS WITH ANTI-SARS-COV-2 ANTIBODIES IN HEALTH CARE WORKERS <i>I Made Siswadi Semadi (Endocrinology and Metabolism Division, Internal Medicine Department, Faculty of Medicine Udayana University/Prof. I G.N.G. Ngoerah Denpasar, Bali, Indonesia)</i>	
WOCS-12-4	Clinical characteristics of the hospitalized patients with diabetic foot ulcers during COVID-19 pandemic <i>Yan Ren (Department of Endocrinology and Metabolism, Diabetic Foot Care Center, West China Hospital, Sichuan University, Sichuan, 610041, China)</i>	
WOCS-12-5	Issues with sick day guidance and self-care that have become apparent during the COVID-19 pandemic <i>Shizuka Kageyama (Meinan Hospital, Medical Corporation Meinankai, Japan)</i>	
WOCS-12-6	Incidence of diabetes following COVID-19 vaccination and SARS-CoV-2 infection: a population-based cohort study <i>David Lui (Department of Medicine, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong)</i>	

Oral Presentation (Clinical Science)

Diabetes in older adults

14:40-15:50		Room K
Chair	Chin-Hsiao Tseng (Taiwan), Atsushi Araki (Japan)	
WOCS-13-1	eGFR and CKD progression in late-stage elderly people with type 2 diabetes and normoalbuminuria <i>Kaya Ishizawa (Division of Diabetology and Metabolism, Department of Internal Medicine, Tokyo Women's Medical University School of Medicine, Japan)</i>	
WOCS-13-2	Efficacy and safety of empagliflozin administration for 52 weeks in Japanese elderly with T2D: The EMPA-ELDERLY trial <i>Daisuke Yabe (Department of Diabetes, Endocrinology and Metabolism and Department of Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine / Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Kyoto, Japan / Center for One Medicine Innovative Translational Research, Tokai National Higher Education and Research System, Nagoya, Japan / Center for Healthcare Information Technology, Tokai National Higher Education and Research System, Nagoya, Japan)</i>	
WOCS-13-3	The correlation between health risk factors and diabetes and lipid profile indicators: the role mediator of TSH <i>Tian Jiang (Department of Endocrinology, the First Affiliated Hospital of Anhui Medical University, China)</i>	
WOCS-13-4	Association between high muscle mass and carotid atherosclerosis in a community-based population cohort <i>Yiting Xu (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOCS-13-5	Elderly women with type 2 diabetes are at high-risk for bone complications <i>Yutaro Yamamoto (Department of Metabolism and Endocrinology, St. Marianna University Yokohama Seibu Hospital, Japan)</i>	

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WOCS-13-6	Clinical Profile and Identification of Osteoporosis Risk Factors in Patients with Diabetes Mellitus <i>Heri-Nugroho Hario Seno (Division of Diabetes, Endocrine, and Metabolism, Department of Internal Medicine, Faculty of Medicine, Diponegoro University / Dr. Kariadi Hospital, Semarang, Indonesia)</i>
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Oral Presentation (Clinical Science)

Prediabetes II

15:50-17:10		Room I
Chair	Leyden Villegas Florido (Philippines), Kazuyuki Tobe (Japan)	
WOCS-14-1	Identification of pathogenic mutations for a Wolfram syndrome pedigree by whole exome sequencing <i>Fan Yang (Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOCS-14-2	Sensitivity to thyroid hormone and risk of components of metabolic syndrome in a Chinese euthyroid population <i>Fang Lv (Department of Endocrine and Metabolism, Peking University People's Hospital, China)</i>	
WOCS-14-3	Deficiency of FAM172A in Oxytocin neurons confers no influence on dietary dysglycolipid metabolism <i>Zhuo Chen (Department of Shanghai Key Laboratory of Diabetes Mellitus, Shanghai sixth people's hospital affiliated to Shanghai jiao tong university school of medicine, China)</i>	
WOCS-14-5	ASSESSING FINNISH DIABETES RISK SCORE (FINDRISC) AMONG MEDICAL STUDENTS IN BALI, INDONESIA, 2023 <i>Made Ratih Santi Devinta (Faculty of Medicine, Udayana University, Indonesia)</i>	
WOCS-14-6	Association between early weaning-inducible fatty liver and phosphatidylcholine molecule decreases in mouse liver <i>Haruka Adachi (Department of Integrated Applied Life Science, Integrated Graduate School of Medicine, Engineering, and Agricultural Sciences, University of Yamanashi, Japan)</i>	
WOCS-14-7	Age-adjusted diabetes prevalence –an investigation from IDF Diabetes Atlas 2021– <i>Soichi Takeishi (Department of Diabetes, Inuyama Chuo General Hospital, Japan)</i>	

Oral Presentation (Clinical Science)

Diabetes and metabolic disorders

15:50-17:10		Room J
Chair	Peter R Shepherd (New Zealand), Yuji Yamazaki (Japan)	
WOCS-15-1	Prevalence and associated factors of hyperuricemia among patients with diabetes: a cross-sectional study <i>Shiyi Sun (Department of Endocrinology and Metabolism, West China Hospital of Sichuan University, Chengdu, China)</i>	
WOCS-15-2	Associations of serum uric acid to HDL-cholesterol ratio with trunk fat mass and visceral fat accumulation <i>Yansu Wang (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WOCS-15-3	Higher body mass index and waist to hip ratio are associated with fatty liver regardless of skeletal muscle index status <i>Yoko Ueba (Department of Diabetes, Endocrinology and Nutrition, Kyoto University, Japan)</i>	
WOCS-15-4	Risk assessment with gut microbiome and metabolite markers in NAFLD development <i>Xiaoxue Long (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai Diabetes Institute, Shanghai Clinical Center for Diabetes, Shanghai Key Laboratory of Diabetes Mellitus, 200233 Shanghai, China)</i>	
WOCS-15-5	Impact of fat accumulation and serum triglyceride levels on MAFLD and NAFLD in Japanese non-obese male young adults <i>Takao Miwa (Health Administration Center, Gifu University / Department of Gastroenterology/Internal Medicine, Gifu University Graduate School of Medicine, Japan)</i>	
WOCS-15-6	Sodium-glucose cotransporter-2 inhibitors reduce liver fibrosis in people with type 2 diabetes: An interim analysis <i>Jamie Cheung (Division of Endocrinology and Diabetes, Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong, China)</i>	
WOCS-15-7	Pemafibrate improves liver complications in patients with AGHD and hypertriglyceridemia <i>Hiroshi Iesaka (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)</i>	

Oral Presentation (Clinical Science)

Glucose-lowering agents for diabetes II

15:50-17:00		Room K
Chair	Moon-Kyu Lee (Korea), Masakatsu Sone (Japan)	
WOCS-16-1	DPP-4 Inhibitors and the risk of infection: A Meta analysis and trial sequential analysis of CVOTs <i>Na Yang (Department of Endocrinology, Key Laboratory of Endocrinology of National Health Commission, Peking Union Medical College Hospital, China)</i>	
WOCS-16-2	Effect of tryptophan-selective lipidated GLP-1 peptide on GLP-1 receptor in vitro and in vivo <i>Xuejing Lu (Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Kyoto, Japan)</i>	
WOCS-16-3	Comparison of the oral and injectable semaglutide use in patients with type 2 diabetes: a survey from medical records <i>Ayaka Ikebuchi (Kanazawa Medical University, Japan)</i>	
WOCS-16-4	Effects of combination therapy with GLP-1RA and SGLT2i on hepatic steatosis and atherosclerosis in diabetic mice. <i>Masahiro Takubo (Division of diabetes and metabolic diseases, Nihon university school of medicine, Japan)</i>	
WOCS-16-5	The association between the use of GLP-1 RAs and the incidence of asthma in patients with T2DM and/or obesity <i>Chu Lin (Department of Endocrinology and Metabolism, Peking University People's Hospital, China)</i>	
WOCS-16-6	Evaluation of physical activity level, calorie intake, quality of life and cognitive function in EMPA-ELDERLY trial <i>Daisuke Yabe (Department of Diabetes, Endocrinology and Metabolism and Department of Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine / Yutaka Seino Distinguished Center for Diabetes Research, Kansai Electric Power Medical Research Institute, Kyoto, Japan / Center for One Medicine Innovative Translational Research, Tokai National Higher Education and Research System, Nagoya, Japan / Center for Healthcare Information Technology, Tokai National Higher Education and Research System, Nagoya, Japan)</i>	

Award Lecture

The Xiaoren Pan Award Lecture

17:20-18:00		Room A
Chair	Juliana Chung Ngor Chan (Hong Kong)	
AW-03	Diabetes after Gestational Diabetes: Risk Factors and Prevention <i>Hak Chul Jang (Department of Internal Medicine, Seoul National University Bundang Hospital / Seoul National University College, Korea)</i>	

Poster Presentation (Basic Science)

Adiposcience II

14:40-15:30		Event Hall
Chair	Aurora G. Macaballug (Philippines)	
WPBS-04-1	The effects of exercise and detraining on each white adipose tissue in young OLETF rats <i>Kanta Sakakura (Graduate School of Biomedical and Health Sciences, Hiroshima university, Japan)</i>	
WPBS-04-2	Imeglimin affects mitochondrial function and DNA content in 3T3-L1 adipocytes <i>Nobuhiko Takahashi (Division of Internal Medicine, Department of Human Biology and Pathophysiology, School of Dentistry, Health Sciences University of Hokkaido, Ishikari-Tobetsu, Japan)</i>	
WPBS-04-4	CLSTN3 gene variant and CLSTN3B associates with obesity risk and contributes to dysfunction in white adipose tissue <i>Xuhong Lu (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, China)</i>	
WPBS-04-6	The protective effect of stevioside on TNF- α -induced insulin resistance in 3T3-L1 adipocytes: a metabolomics approach <i>Norhisham Haron (Faculty of Health Sciences, Universiti Teknologi MARA, Malaysia)</i>	

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Poster Presentation (Clinical Science)

Diabetes and cancer

14:40-15:30		Event Hall
Chair	Weiping Han (Singapore)	
WPCS-15-1	Coexisting diabetes at cancer diagnosis is associated with type of cancer treatment <i>Yoshihiro Kuwabara (Cancer Control Center, Osaka International Cancer Institute, Japan)</i>	
WPCS-15-2	Glycemic Excursion, Side Effects and Self-Management in Diabetes Patients Undergoing Chemotherapy: A Literature Review <i>Naoko Terao (Department of Nursing, St. Catherine University, Japan)</i>	
WPCS-15-3	Association of comorbid type 2 diabetes and cancer with risk of depression <i>Kyungdo Han (Department of Statistics and Actuarial Science, Soongsil University, Seoul, Korea)</i>	
WPCS-15-4	Association of insulin resistance and Physical Activity With Survival Among Cancer Survivors <i>Wei-Ju Liu (Intelligent Data Mining Laboratory, Department of Medical Research, Taichung Veterans General Hospital, Taichung 407219, Taiwan)</i>	
WPCS-15-5	The Development of Fulminant Type 1 Diabetes during Non-immune-checkpoint-inhibitor Chemotherapy for Breast Cancer <i>Cheol Son (Department of Diabetes and Endocrinology, Kobe City Nishi-Kobe Medical Center, Japan)</i>	

Poster Presentation (Clinical Science)

COVID-19 and Diabetes

14:40-15:50		Event Hall
Chair	Mitsuru Osugi (Japan)	
WPCS-16-1	Diabetes mellitus and Methicillin-resistant staphylococcus aureus (MRSA) infection <i>Sanchir Batbayar (Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia)</i>	
WPCS-16-2	Antibiotics use of hospitalized diabetic patients <i>Otgontsetseg Purevsed (Diabetes center of Endomed Hospital, Mongolia)</i>	
WPCS-16-3	Serum chemokine CC-motif ligand 17 is a predictive marker of severe COVID-19 in patients with diabetes. <i>Naoya Otsubo (Department of Endocrinology and Metabolism, Tokyo Metropolitan Okubo Hospital, Tokyo, Japan)</i>	
WPCS-16-4	THYROID HORMONE CHANGES DURING AND AFTER COVID-19 INFECTION <i>Dariimaa Dorj (First Central Hospital of Mongolia, Mongolia)</i>	
WPCS-16-5	Association of serum glycemic variability and severity of COVID-19 in Patients type 2 diabetes in Korea <i>Jiyeon Ahn (Division of Endocrinology and Metabolism, Department of Internal Medicine, Myongji Hospital, Hanyang University Medical Center, Korea)</i>	
WPCS-16-6	Ischemic stroke in patients with diabetes during COVID-19 pandemic in South Korea <i>Min Jeong Park (Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University college of medicine / Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University Medical center Guro hospital, Korea)</i>	
WPCS-16-7	Is there anything changed about diabetic ketoacidosis cases over the past 3 years? <i>Fan Zu Li (Division of Endocrinology and Metabolism, West China Hospital of Sichuan University, China)</i>	
WPCS-16-8	A prospective one-year follow-up of glycaemic status of COVID-19 survivors with dysglycaemia in acute COVID-19 <i>David Lui (Department of Medicine, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong)</i>	
WPCS-16-9	Association of HOMA-IR (HI) with severity and worsening of confirmed COVID-19 patients <i>Briliana Puspa Sabirin (Endocrinology, Metabolic and Diabetes Division, Internal Medicine Department, University of Indonesia, Indonesia)</i>	

Poster Presentation (Clinical Science)

Diabetes and atherosclerosis II

14:40-15:50		Event Hall
Chair	Hung-Yuan Li (Taiwan)	
WPCS-17-1	Nocturnal hypertension and left ventricular diastolic dysfunction in diabetic patients with pre-heart failure phase <i>Yonekazu Kidawara (Department of Diabetes, Endocrinology and Clinical Immunology, Hyogo Medical University, Japan)</i>	
WPCS-17-2	NT-proBNP as an Early Cardiovascular Risk Biomarker in Chinese Patients with Type 2 Diabetes: A Cross-sectional Study <i>Lorena Tsui Fun Cheung (Hong Kong Diabetes Specialist Centre, Hong Kong)</i>	
WPCS-17-3	The Relationship between Body Shape and Cardiovascular Disease in People with Metabolically Healthy Obesity <i>Jung Hwn Park (Department of Internal Medicine, University of Hanyang College of Medicine, Korea)</i>	
WPCS-17-4	Correlation between Insulin Resistance with Severity of Coronary Artery Stenosis in non-Diabetes Subject <i>Herni Basir (Endocrine and Metabolic Disease Division, Department of Internal Medicine, Faculty of Medicine, Hasanuddin University, Makassar, Indonesia)</i>	
WPCS-17-5	The association and joint effect of A-FABP and obesity phenotype with cardiovascular events <i>Tingting Hu (Department of Endocrinology and Metabolism / Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine / Shanghai Clinical Center for Diabetes / Shanghai 2233 / China)</i>	
WPCS-17-6	Neck circumference predicts the occurrence of future cardiovascular events in a 7.6-year prospective cohort <i>Yuqian Bao (Department of Endocrinology and Metabolism / Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital / Shanghai Clinical Center for Diabetes / Shanghai 2233 / China)</i>	
WPCS-17-7	Visceral Fat is a Significant Determinant of Diastolic Dysfunction Parameters in Type 2 Diabetes Mellitus Patients <i>Yogi Umbarawan (Department of Internal Medicine, University of Indonesia/Cipto Mangunkusumo National General Hospital, Indonesia)</i>	
WPCS-17-8	CO-OCCURRING DIABETES AND HYPERTENSION MORE THAN A YEAR INCREASING THE RISK OF HEART FAILURE: BOGOR DIABETES STUDY <i>Widya Gultom (Bogor Senior Hospital, West Java, Indonesia)</i>	
WPCS-17-9	The Difference of Echocardiography Findings of Type 2 Diabetes Mellitus with Hypertension Patients in Bogor, Indonesia <i>Nur Rusyda Kuddah (department of internal medicine, PMI Bogor hospital, Bogor, Indonesia)</i>	
WPCS-17-10	Age-Related Diabetes Impact on All-Cause Mortality after Acute Myocardial Infarction <i>Pil-Sang Song (Division of Cardiology, Department of Internal Medicine, Chungnam National University Hospital, Korea)</i>	

Poster Presentation (Clinical Science)

Diabetes and kidney disease

14:40-15:50		Event Hall
Chair	Fatna I. Tiu (Philippines)	
WPCS-18-1	Association between continuous glucose monitoring-derived metrics and albuminuria in type 2 diabetes <i>Wen Li (Department of Endocrinology and Metabolism, Haikou Orthopedic and Diabetes Hospital of Shanghai Sixth Peoples Hospital / Department of Endocrinology and Metabolism, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, China)</i>	
WPCS-18-2	Urinary post-translation modified Fetuin-A: an early marker for progressive eGFR decline in subjects of Type 2 Diabetes <i>Lee-Ming Chuang (Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan)</i>	
WPCS-18-3	Urinary cholesteryl as a predictor for the progression of renal dysfunction in early stage of diabetic kidney disease <i>Yasunori Takata (Department of Diabetes and Molecular Genetics, Ehime University Graduate School of Medicine, Japan)</i>	
WPCS-18-4	<i>Abelmoschus manihot</i> compared with losatan for the treatment of stage 3 diabetic nephropathy: a non-inferior trial <i>Jun Yin (Department of Endocrinology and Metabolism, Shanghai Jiao Tong University School of Medicine Affiliated Sixth People's Hospital, China)</i>	

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WPCS-18-5	Finerenone Renal Efficacy and Safety in Diabetic Kidney Disease, a Meta Analysis, and Meta-regression <i>Marshell Tendean (Division of Endocrine and Metabolism, Department of Internal Medicine, Faculty of Medicine, Universitas Padjadjaran, Hasan Sadikin Hospital, Bandung, 40161, Indonesia / Department of Internal Medicine, Faculty of Medicine, UKRIDA, Jakarta, 14470, Indonesia)</i>
WPCS-18-6	Anthropometry measurements in hemodialysis patients: dialysis vintage stratified comparison <i>Munkh-Od Battsoqt (First Central Hospital of Mongolia, Mongolia)</i>
WPCS-18-7	Blood pressure and end-stage renal disease in older diabetes patients: a nationwide population-based study <i>Sung Hoon Yu (Department of Endocrinology and Metabolism, Hanyang University College of Medicine, Korea)</i>
WPCS-18-8	Transcriptome meta-analysis of diabetic kidney disease and hub genes discovery <i>Chuiguo Huang (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong SAR, China)</i>
WPCS-18-9	Effect of sacubitril/valsartan on both glycemic control and microalbuminuria in diabetic patients with hypertension <i>Sumie Fujii (Department of Diabetes and Endocrinology, Ishikawa Prefectural Central Hospital, Japan)</i>
WPCS-18-10	Switching to pemafibrate improves renal function in diabetic kidney disease: a sub-analysis of the PARM-T2D study <i>Rimi Izumihara (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan)</i>

Poster Presentation (Clinical Science)

Diabetes and liver disease II

14:40-15:50		Event Hall
Chair	Yoshihito Fujita (Japan)	
WPCS-19-1	Association between serum Tsukushi and liver fibrosis in type 2 diabetes <i>Sum Lam (Department of Medicine, School of Clinical Medicine, University of Hong Kong, Hong Kong)</i>	
WPCS-19-2	Improvement of insulin sensitivity and inhibition of hepatic gluconeogenesis by components in bitter melon fruits <i>Futoshi Furuya (Department of Biomedical Science, University of Ritsumeikan, Japan)</i>	
WPCS-19-3	Endothelial cell-specific CNP overexpression does not improve insulin resistance in HFFCD-induced NASH model mice <i>Takuya Ensho (Department of Pharmacotherapeutics, School of Pharmaceutical Science, Wakayama Medical University, Wakayama, Japan)</i>	
WPCS-19-4	Lobeglitazone inhibits LPS-induced NLRP3 inflammasome and inflammation in the liver <i>Hye Young Seo (Department of Internal Medicine, Keimyung University School of Medicine / Institute for medical Science, Keimyung University School of Medicine, Korea)</i>	
WPCS-19-5	Insulin sensitivity affects hepatic ChREBP activity. <i>Chihiro Ushiroda (Department of Clinical Nutrition, Fujita Health University, Japan)</i>	
WPCS-19-6	Amphiregulin promotes iNOS and COX-2 expression in hepatic inflammation via NF- κ B and MAPK signaling pathways <i>Hae Jin Kim (Department of Endocrinology and Metabolism, Ajou University School of Medicine, Suwon, Republic of Korea)</i>	
WPCS-19-7	Increased O-GlcNAcylation in hepatocytes via sodium-glucose cotransporter 2 drives non-alcoholic steatohepatitis <i>Yong-Ho Lee (Department of Internal Medicine, Yonsei University College of Medicine, Korea)</i>	
WPCS-19-8	The prevalence and the predictive factors of NAFLD diagnosed by Transient Elastography in Thai people with prediabetes. <i>Weerachai Srivanichakorn (Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand / Siriraj Diabetes Center of Excellence, Faculty of Medicine Siriraj Hospital Mahidol University, Bangkok, Thailand)</i>	
WPCS-19-9	Inhibition of GPR120 signaling in intestine ameliorates insulin resistance and fatty liver under high-fat diet feeding. <i>Takuma Yasuda (Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine, Kyoto University, Japan)</i>	

Poster Presentation (Clinical Science)

Etiology and pathophysiology of Type 2 diabetes II

14:40-15:50		Event Hall
Chair	Youngmi Kim Pak (Korea)	
WPCS-20-1	Diabetes Incidence and Risk Factors in a Japanese Cohort <i>Yoshimi Tatsukawa (Department of Clinical Studies, Radiation Effects Research Foundation, Japan)</i>	
WPCS-20-2	Association between proinsulin level and hepatic steatosis in individuals with type 2 diabetes <i>Akinobu Nakamura (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo, Japan)</i>	
WPCS-20-3	Diabetes under peritoneal dialysis improved less in mortality age than those without diabetes on peritoneal dialysis. <i>Sun Ok Song (National Health Insurance Service Ilsan Hospital, Korea)</i>	
WPCS-20-4	Serum Glucagon-like peptide 1 effected to the pathophysiological role of type 2 diabetic patients <i>Enkhchimeg Tserendorj (Department of Outpatient, Darkhan General hospital, Mongolia)</i>	
WPCS-20-5	Association of bone mineral density with the risk of incident type 2 diabetes in Hong Kong: A prospective cohort study <i>Philip Chun-Ming Au (Department of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong, China)</i>	
WPCS-20-6	Epidemiology, clinical features, diagnosis, treatment, and prognosis of calciphylaxis: A review from 1519 patients <i>Fangping Dang (Innovation Center for Wound Repair, Diabetic foot care center, Department of Endocrinology and Metabolism, / West China School of Nursing, Sichuan University, China)</i>	
WPCS-20-7	The Impact of Parity on the Risk of Type 2 Diabetes: A prospective cohort study of UK Biobank Participants <i>Jae-Seung Yun (Division of Endocrinology and Metabolism, Department of Internal Medicine, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)</i>	
WPCS-20-8	Postprandial CPR index is valuable in assessing beta-cell function in Japanese patients with type 2 diabetes <i>Takahiro Abe (Department of Endocrinology and Metabolism, Hirosaki University Graduate School of Medicine, Japan)</i>	
WPCS-20-9	Risk of diabetes complication among different type 2 diabetes subtypes in Korean - A cluster analysis <i>You-Cheol Hwang (Kyung Hee University School of Medicine, Korea)</i>	

Poster Presentation (Clinical Science)

Etiology and pathophysiology of Type 2 diabetes III

14:40-15:50		Event Hall
Chair	Sheng-Hui Lan (Taiwan)	
WPCS-21-1	SCREENING TEST FOR T2DM: OGTT OR HYPERINSULINEMIA <i>Bolor Byambatsooj (Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia / Department of Endocrinology, Mongolian National University of Medical Sciences, Mongolia)</i>	
WPCS-21-2	Serum Soluble CD81 in subjects with type 2 diabetes mellitus <i>Seon Mee Kang (Department of Internal Medicine, Kangwon National University, School of Medicine, Korea)</i>	
WPCS-21-3	MATSUDA AND ORAL DISPOSITION INDICES FOR TYPE 2 DIABETES MELLITUS <i>Bilegjargal Battulga (Mongolian National University of Medical Science, Mongolia)</i>	
WPCS-21-4	Approach to Diagnosis and Management Latent Autoimmune Diabetes in Adults : A Case Report <i>Andi Alfian (Department of Internal Medicine, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo National General Hospital, Indonesia)</i>	
WPCS-21-5	35 YEAR OLD WOMANWITH INSULINOMA, HASHIMOTO THYROIDITIS, AND UTERINE MYOMA <i>Tania Tedjo Minuljo (Dr. Kariadi Hospital, Indonesia)</i>	
WPCS-21-6	Monogenic diabetes caused by KCNJ11 gene abnormality without abnormal glucose metabolism in the neonatal period. <i>Junichi Suzuki (Department of Pediatrics and Child Health, Nihon University School of Medicine, Japan)</i>	
WPCS-21-7	Clinic characteristics and heterogeneity in children and adolescents with ketosis-prone diabetes mellitus <i>Huiwen Tan (Department of Endocrinology and Metabolism, West China Hospital Sichuan University, China)</i>	
WPCS-21-8	Changes of incretin effects and glucagon levels in different type of hyperglycemia <i>Jingyi Ma (Department of Endocrinology and Metabolism, Second Affiliated Hospital of Harbin Medical University, China)</i>	

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WPCS-21-9	Monocyte CD300e expression analysis in Patients with Type 1 Diabetes and control subjects <i>Takako Morimoto (Department of Internal Medicine I, Faculty of Medicine, Osaka Medical and Pharmaceutical University, Takatsuki, Japan)</i>
WPCS-21-10	Tramadol Induced Hypoglycemia in Type-2 Diabetes Mellitus Patient: A Case Report <i>Adeputri Tanesha Idhayu (Division of Endocrinology and Metabolism, Department of Internal Medicine, Faculty of Medicine University of Indonesia-dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia / Department of Internal Medicine, Faculty of Medicine University of Indonesia-Persahabatan Hospital, Jakarta, Indonesia)</i>

Poster Presentation (Clinical Science)

Gestational diabetes

14:40-15:50		Event Hall
Chair	Mohazmi bin Mohamed (Malaysia)	
WPCS-22-1	Risk of developing type 2 diabetes, hypertension and dyslipidemia in women with GDM: a nationwide cohort study in Taiwan <i>Shih-Ting Tseng (Division of Endocrinology and Metabolism, Department of Internal Medicine, Kuang Tien General Hospital, Taichung, Taiwan / Jenteh Junior College of Medicine, Nursing and Management, Miaoli County, Taiwan)</i>	
WPCS-22-2	Air pollution exposure and risk of gestational diabetes mellitus in Taiwan, 2006-2016: a nationwide cohort study <i>Shih-Ting Tseng (Division of Endocrinology and Metabolism, Department of Internal Medicine, Kuang Tien General Hospital, Taichung, Taiwan / Jenteh Junior College of Medicine, Nursing and Management, Miaoli County, Taiwan)</i>	
WPCS-22-3	Fetal Abdominal Obesity and Adverse Perinatal Outcomes in Older and Obese Pregnant Women with Normal Glucose Tolerance <i>Wonjin Kim (Department of Internal Medicine, CHA Gangnam Medical Center, CHA University School of Medicine, Korea)</i>	
WPCS-22-4	Relationship between pre-pregnancy body mass index and gestational diabetes mellitus in Mongolian women <i>Nomin-Erdene Minjuurdorj (Department of Endocrinology, School of Medicine, MNUMS / Third State Central Hospital, Mongolia)</i>	
WPCS-22-5	Genome-wide association studies for gestational diabetes and glycaemic traits in pregnancy among East Asian women <i>Claudia Ha-Ting Tam (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong)</i>	
WPCS-22-6	Low creatinine levels in early pregnancy are linked to an increased risk of postpartum hyperglycemia in women with GDM <i>Nan Chen (Department of Endocrinology, The First Affiliated Hospital, Sun Yat-sen University, China)</i>	
WPCS-22-7	Assessment of insulin requirements and relevant factors to determine perinatal outcomes in pregnant women with diabetes. <i>Mai Sue (Department of Internal Medicine, Division of Endocrinology and Metabolism, Gunma University Hospital, Japan)</i>	
WPCS-22-8	Accuracy of Fructosamine for Screening of GDM and Monitoring of Pregnancy outcomes: A Prospective Longitudinal Study <i>Marie Susawas (Department of Clinical Pathology, Chulalongkorn University, Thailand)</i>	
WPCS-22-9	Association of Adiponectin rs266729 Gene Polymorphism with Gestational Diabetes Mellitus Risk: an Updated Meta-Analysis <i>William Djauhari (Diabetes Connection & Care, Eka Hospital BSD / Diabetes Initiative Indonesia, Indonesia)</i>	
WPCS-22-10	Linkage of lipocalin-2 with cerebral inflammation in offspring from mother with diabetes. <i>Guojiao Li (Department of Diabetes, Endocrinology and Metabolism, Tokyo Medical University, Japan)</i>	

Poster Presentation (Clinical Science)

Glucose monitoring (SMBG/CGM)

14:40-15:50		Event Hall
Chair	Takayasu Uchida (Japan)	
WPCS-23-1	Endogenous Secretory RAGE is Correlated with Dysregulation of Vascular Calcification In Type 2 Diabetes Patients <i>Dwi Yuniati Daulay (Indonesian Society for the Study of Obesity, Indonesia)</i>	
WPCS-23-2	Time in range in relation to lower extremity atherosclerotic disease in type 2 diabetes: A cohort study <i>Jian Zhou (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-23-3	A Retrospective Study of Glycemic Profiles in Elderly People with Type 2 Diabetes on Hemodialysis <i>Akinori Hayashi (Department of Endocrinology, Diabetes and Metabolism, Kitasato University School of Medicine, Japan)</i>	
WPCS-23-4	Association Between Continuous Glucose Monitoring–Derived Glycemia Risk Index and Albuminuria in Type 2 Diabetes <i>Jee Hee Yoo (Division of endocrinology and metabolism, Department of internal medicine, Yonsei University Wonju College of Medicine / Division of Endocrinology and Metabolism, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)</i>	
WPCS-23-5	Assessment of factors associated with improved glycemic control after isCGM to rtCGM in patients with type 1 diabetes. <i>Eijiro Yamada (Department of Internal Medicine, Division of Endocrinology and Metabolism, Gunma University Hospital, Japan)</i>	
WPCS-23-6	Use of Hybrid Closed Loop in Patients with Type 1 Diabetes Mellitus Short-term changes in glycemic control <i>Shota Mochizuki (Division of Diabetology and Metabolism, Department of Internal Medicine Tokyo Women's Medical University, Japan)</i>	
WPCS-23-7	Impact of glycemic variability on all-cause mortality risk in type 2 diabetes patients by continuous glucose monitoring <i>Yifei Mo (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-23-8	Relationship Between Time in Range and Dusk Phenomenon in Outpatients with Type 2 Diabetes Mellitus <i>Jun Song (Department of Endocrinology / East Hospital, Tongji University School of Medicine / 15 Jimo Road / Shanghai / China)</i>	
WPCS-23-9	Assessing Glycemic Quality with Glycemic Risk Index (GRI): Could be Better than Time in Range as a Single Metric <i>Ji Yoon Kim (Division of Endocrinology and Metabolism, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)</i>	

Poster Presentation (Basic Science)

Diabetes and related metabolic disorders

15:50-16:50		Event Hall
Chair	Hornng Yih Ou (Taiwan)	
WPBS-05-1	Revisit Sialic Acid and Diabetes Mellitus: A Computational Study <i>Der Jiun Ooi (Department of Oral Biology and Biomedical Sciences, Faculty of Dentistry, MAHSA University, Selangor, Malaysia)</i>	
WPBS-05-2	Sleep recovery following sleep fragmentation induces glycometabolism, gut microbiome and adipose transcriptome changes <i>Shan Gao (Department of Endocrinology, Xuanwu Hospital, Capital Medical University, Beijing, China)</i>	
WPBS-05-3	Morphological analysis and drug effects on retina in salt-loaded type 2 diabetes model mice <i>Tatsuya Maekawa (Department of Nutritional Science and Food Safety, Faculty of Applied Biosciences, Tokyo University of Agriculture, 1-1-1 Sakura-ga-Oka, Setagaya, Tokyo, Japan)</i>	
WPBS-05-4	Components in coffee improve glucose metabolism by upregulating PGC-1 α and FNDC5 in muscle <i>Jia-Pei Wu (Division of Endocrinology and Metabolism, Department of Internal Medicine, Shuang Ho Hospital, Taipei Medical University, New Taipei City, Taiwan)</i>	
WPBS-05-5	Impacts of Glucose-Dependent Insulinotropic Polypeptide on Bone Remodeling <i>Taisuke Yamauchi (Department of Orthodontics, School of Dentistry, Aichi Gakuin University, Nagoya, Japan)</i>	

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WPBS-05-6	Lysine-specific demethylase LSD1 acts as an 'epigenetic barrier' against environmental stresses in skeletal muscle <i>Hiroataka Araki (Department of Metabolic Medicine, Faculty of Life Sciences, Kumamoto University / Department of Medical Cell Biology, Institute of Molecular Embryology and Genetics, Kumamoto University, Kumamoto, Japan)</i>
WPBS-05-7	Role of brain selenoprotein P in mental disorders associated with type 2 diabetes <i>Guzel Gafiyatullina (Department of Endocrinology and Metabolism, Kanazawa University Graduate School of Advanced Preventive Medical Sciences, Ishikawa, Japan)</i>
WPBS-05-8	Effects of electrical microstimulation of peripheral sympathetic nerve on blood glucose control in rats <i>Daisuke Sato (Department of Biochemical Engineering, Yamagata University, Yonezawa, Japan)</i>

Poster Presentation (Clinical Science)

Diabetic retinopathy and neuropathy

15:50-17:00		Event Hall
Chair	Shin Tsunekawa (Japan)	
WPCS-24-1	Aryl hydrocarbon receptor deficiency augments dysregulated microangiogenesis and diabetic retinopathy <i>Meei-Ling Sheu (Institute of Biomedical Sciences, National Chung Hsing University, Taichung, Taiwan)</i>	
WPCS-24-2	A Clinical-Genetic Risk Score for Predicting Proliferative Diabetic Retinopathy in Patients with type 2 diabetes <i>Wayne Hue-Herng Sheu (Institute of Molecular and Genomic Medicine, National Health Research Institute / Division of Endocrinology and Metabolism, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan / Division of Endocrinology and Metabolism, Department of Internal Medicine, Taipei Veterans General Hospital, Taiwan / Department of Medicine, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan)</i>	
WPCS-24-3	Fenofibrate for diabetic retinopathy <i>Sachiko Yamamoto Kataokaa (Department Health informatics Kyoto University School of Public Health, Japan)</i>	
WPCS-24-4	The usefulness of the point-of-care nerve conduction device in estimating the severity of diabetic retinopathy. <i>Mayu Sakai (Department of Diabetes, Endocrinology and Metabolism and Department of Rheumatology and Clinical Immunology, Gifu University Graduates School of Medicine / Clinical Lecturer Division of Diabetes and Metabolism and Division of Rheumatology and Endocrinology, Gifu University Hospital, Japan)</i>	
WPCS-24-5	Screening of Cardiac autonomic neuropathy in diabetics <i>Saran Tserensodnom (Intermed Hospital, Ulaanbaatar, Mongolia)</i>	
WPCS-24-6	Proportion of Distal Symmetric Polyneuropathy and Association on Quality of Life of Diabetics at Jakarta Health Center <i>Rangga Novandra (Department of Internal Medicine, Faculty of Medicine University of Indonesia, Ciptomangunkusumo Hospital, Indonesia)</i>	
WPCS-24-7	Exploring the Use of the Norfolk QOL-DN Questionnaire for Diagnosing Diabetic Neuropathy in Taiwanese Diabetes Patients <i>Tien-Jyun Chang (Division of Endocrinology and Metabolism, Department of Internal Medicine, National Taiwan University Hospital, Taiwan)</i>	
WPCS-24-8	How does DPN impact patients' burden of illness and the economy? A retrospective study in Beijing, China <i>Pan Qi (Department of Endocrinology, Beijing Hospital, National Center of Gerontology, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, Beijing, China)</i>	
WPCS-24-9	Thermal Gradient Ring Reveals Thermosensory Changes in Diabetic Peripheral Neuropathy in Mice <i>Sachiko Sasajima (Department of Internal Medicine, School of Dentistry, Aichi Gakuin University, Nagoya, Japan / Division of Diabetes, Department of Internal Medicine, Aichi Medical University School of Medicine, Nagakute, Japan / Division of Cell Signaling, National Institute for Physiological Sciences NIPS, Okazaki, Japan)</i>	

Poster Presentation (Clinical Science)

Diabetic foot

15:50-16:50		Event Hall
Chair	Yotsapon Thewjitcharoen (Thailand)	
WPCS-25-1	Study on the quo of nurses' knowledge, attitude and practice of diabetes foot in Beijing <i>Yangxi Li (Endocrine Department, China-Japan Friendship Hospital, Beijing, China)</i>	

WPCS-25-2	Timolol promotes wound healing and repair in Bama minipigs with diabetic chronic cutaneous ulcers <i>Yan Li (Department of Endocrinology and Metabolism, Innovation Center for Wound Repair, Diabetic Foot Care Center, West China Hospital, Sichuan University, Chengdu, Sichuan, China)</i>
WPCS-25-3	Timolol for diabetic foot ulcers: A randomized controlled pilot study <i>Yan Li (Department of Endocrinology and Metabolism, Innovation Center for Wound Repair, Diabetic Foot Care Center, West China Hospital, Sichuan University, Chengdu, Sichuan, China)</i>
WPCS-25-4	High Incidence of Amputation of Diabetic Foot Ulcer in Indonesia' National Referral Hospital: A Clinical Audit <i>Ardy Wildan Tamim (Endocrine, Metabolism, and Diabetes Division, Department of Internal Medicine, Faculty of Medicine Universitas Indonesia - Cipto Mangunkusumo General Hospital, Indonesia)</i>
WPCS-25-5	Increased expression of miR-222-3p in peripheral blood and wound margin tissue of type 2 diabetes foot ulcer patients <i>Mingwei Chen (Department of Endocrinology, the First Affiliated Hospital of Anhui Medical University, Hefei, Anhui, China)</i>
WPCS-25-6	6 years follow-up study of diabetic foot ulcer at the diabetic foot clinic <i>Telmen Boldbaatar (Diabetic foot clinic of Endomed hospital, Ulaanbaatar, Mongolia)</i>
WPCS-25-7	Report of 12 months diabetes foot ulcer in 2020 in Cambodia-Korea Diabetes Center <i>Videm Chea (Cambodia-korea diabetes center, Cambodia-China friendship preahkossamak hospital, Cambodia)</i>
WPCS-25-8	Collaborative Approach in Managing Diabetes: a Case of Acute Coronary Syndrome in a Diabetic Patient with Foot Ulcer <i>Ira Laurentika (Division of Endocrinology, Metabolism, and Diabetes, Departement of Internal Medicine, Faculty of Medicine Universitas Indonesia - Cipto Mangunkusumo Hospital, Jakarta, Indonesia)</i>

Poster Presentation (Clinical Science)

Clinical trials and cohort studies

15:50-17:00		Event Hall
Chair	Bien Jebunan Matawaran (Philippines)	
WPCS-26-1	Differences in microvascular complications of diabetes among women and men in China: a cross-sectional study <i>Chun Cai (National office for primary diabetes care, Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-26-2	Association between the FIB-4 index and the risk of progression of diabetic retinopathy and nephropathy <i>Ryo Kubota (Division of Diabetology and Metabolism, Department of Internal Medicine, Tokyo Women's Medical University School of Medicine, Japan)</i>	
WPCS-26-3	Effects of switching from a DPP-4 inhibitor to oral semaglutide on glucose metabolism in subjects with type 2 diabetes <i>Sho Furusawa (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo, Japan)</i>	
WPCS-26-4	5 years diabetes complication and mortality study <i>Yanjmaa Sankhuu (First State Hospital Mongolia / Department of Endocrinology, Mongolian National University of Medical Sciences, Mongolia)</i>	
WPCS-26-5	The effectiveness of the advanced system system for optimal care of chronic diseases in primary clinics in Korea <i>Jin-Hee Lee (Catholic institute of smart healthcare center, The Catholic University of Korea, Korea)</i>	
WPCS-26-6	Heated tobacco product use and risk of developing diabetes: a cohort study <i>Huan Hu (Research Center for Prevention from Radiation Hazards of Workers, National Institute of Occupational Safety and Health, Japan)</i>	
WPCS-26-7	Association between primary hyperparathyroidism and incident diabetes <i>Yingchai Zhang (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, HKSAR, P. R. China, Hong Kong)</i>	
WPCS-26-8	Impact of Liraglutide 3.0 mg on Body Composition of Korean People with Obesity: a Retrospective Observational Study <i>Jae Min Lee (Daejeon Endo Internal Medicine clinic, Korea)</i>	
WPCS-26-9	Glucose metabolic disorder in acromegaly patients: a retrospective analysis in West China Hospital <i>Caixia Pei (Division of Endocrinology and Metabolism, West China Hospital of Sichuan University, China)</i>	

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WPCS-26-10 Association between weight change at one year after diabetes diagnosis and incident diabetes remission: a cohort study
Hongjiang Wu (Department of Medicine & Therapeutics, The Chinese University of Hong Kong, Hong Kong)

Poster Presentation (Clinical Science)

Diabetes and obesity III

15:50-17:00		Event Hall
Chair	Doo-man Kim (Korea)	
WPCS-27-1	Differential gene expression of a visceral and subcutaneous adipose depot in patients with morbid obesity <i>Mi Kyung Kim (Department of Internal Medicine, Keimyung University School of Medicine / Institute for medical Science, Keimyung University School of Medicine, Korea)</i>	
WPCS-27-2	Lifestyle behaviors and risk of prediabetes and obesity in middle-aged Japanese <i>Yuichiro Otsuka (Division of Public Health, Department of Social Medicine, Nihon University School of Medicine, Japan)</i>	
WPCS-27-3	The fluctuation of post-Breakfast blood glucose is associated with metabolic syndrome in type 2 diabetic patients <i>Lei Zhang (Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital, Shanghai, China)</i>	
WPCS-27-4	Inducible loss of p53 in skeletal muscle ameliorates insulin resistance in high-fat diet-induced obese mice <i>Jin Ki Jung (Senotherapy-based Metabolic Disease Control Research Center, College of Medicine, Yeungnam University, Daegu, Korea. / Department of Physiology, College of Medicine, Yeungnam University, Daegu, Korea)</i>	
WPCS-27-5	Skeletal muscle-specific DKK3 overexpression exacerbates insulin resistance in obese mice. <i>Su Yeon Jeong (Department of Physiology, College of Medicine, Yeungnam University, Daegu, Korea)</i>	
WPCS-27-6	Lifestyle factors and BMI change during campus life in Japanese university students with obesity -retrospective study- <i>Satoko Komori (Department of Diabetes and Metabolism/Internal Medicine, Gifu University Graduate School of Medicine, Gifu, Japan)</i>	
WPCS-27-7	Association between Zinc-Related Genetic Variants and Risks of Diabetes and Other Metabolic Outcomes in Filipino Adults <i>Vanessa Joy Timoteo (Institute of Biomedical Sciences, Academia Sinica, Taiwan)</i>	
WPCS-27-8	Relationship between serum cholinesterase and components of metabolic syndrome in patients with type 2 diabetes <i>Jemma Z (Department of Endocrinology and Metabolism, Haikou orthopedic and diabetes hospital, Hainan, China)</i>	
WPCS-27-9	The change in the distribution of adiponectin isoforms in abdominal obesity is associated with insulin resistance. <i>Minoru Iwata (Health Administration Center, Muroran Institute of Technology / First Department of Internal Medicine, Faculty of Medicine, University of Toyama, Japan)</i>	

Poster Presentation (Clinical Science)

Glucose-lowering agents for diabetes II

15:50-17:00		Event Hall
Chair	Norio Harada (Japan)	
WPCS-28-1	The Efficacy of Switching from Basal Bolus Insulin Therapy to Oral Semaglutide plus Basal Insulin Therapy. <i>Keiko Tomiyama (Department of Endocrinology, Metabolism and Nephrology, Graduate School of Medicine, Nippon Medical School / Department of Diabetes, Endocrinology and Metabolism, Nippon Medical School, Chiba Hokusoh Hospital, Japan)</i>	
WPCS-28-2	GLP-1RAg related improvements in bronchial asthma and sleep apnea syndrome people <i>Yuji Sogawa (Department of Diabetes/Endocrinology/Metabolism, Takatsuki Red Cross Hospital, Japan)</i>	
WPCS-28-3	Influence of eating behavior on HbA1c-lowering effects of GLP-1 receptor agonists <i>Yuya Koide (Department of Diabetes, Endocrinology and Metabolism, Gifu University Graduate School of Medicine / Matsunami General Hospital, Japan)</i>	
WPCS-28-4	Practice patterns and outcomes following once weekly semaglutide shortage in Thailand: Theptarin Hospital's experience <i>Yotsapon Thewjitcharoen (Diabetes and Thyroid center, Theptarin Hospital, Thailand)</i>	

WPCS-28-5	Dulaglutide suppresses atherosclerotic lesion formation via inactivation of vascular endothelial cells <i>Yoshitaka Yagi (Department of Metabolic Medicine, Faculty of Life Sciences, Kumamoto University, Japan)</i>
WPCS-28-6	Divergence of treatment response with imeglimin: a cluster analysis of randomized, double-blind, controlled trial <i>Katsuhiko Hagi (Medical Affairs, Sumitomo Pharma Co., Ltd., Japan)</i>
WPCS-28-7	The effect of imeglimin on glycemic management in Japanese patients with type 2 diabetes <i>Yuki Matsuhashi (Department of Endocrinology and Metabolism, Hirosaki University Graduate School of Medicine, Japan)</i>
WPCS-28-8	Good timing of insulin intervention to the positive Glutamic acid decarboxylase antibody(GADA) of diabetics? <i>Hirokazu Ohfusa (Department of Diabetes Center, Maruko Central Hospital, Japan)</i>
WPCS-28-9	Analysis of skin accumulation of AGEs-associated clinical factors in people with type 2 diabetes <i>Hiroki Yamagami (Department of Hematology, Endocrinology and Metabolism, Tokushima University Graduate School of Biomedical Sciences, Japan)</i>

Poster Presentation (Clinical Science)

Diabetes and sarcopenia

15:50-17:00		Event Hall
Chair	Akinobu Nakamura (Japan)	
WPCS-29-1	Proteasome dysfunction protects mice from immobilization-induced muscle atrophy by suppressing the FoxO1-atroгене axis <i>Qifang Li (Department of Endocrinology and Metabolism, Kanazawa University, Japan)</i>	
WPCS-29-2	Variations of Metabolic Risk Factors are Associated with Intrinsic Capacity in Aged Patients with Type 2 DM <i>Yau-Jiunn Lee (Department of Internal Medicine, Lee's Endocrinology Clinic, Taiwan)</i>	
WPCS-29-3	Effects of Dietary Patterns on Body Composition and Skeletal Muscle Health in Animal Model of Sarcopenic Obesity <i>Chia-Luen Huang (Division of Endocrinology and Metabolism, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan / Division of Endocrinology and Metabolism, Department of Internal Medicine, Branch of PengHu, Tri-Service General Hospital, National Defense Medical Center, Taiwan / Graduate Institute of Medical Sciences, National Defense Medical Center, Taipei, Taiwan, Taiwan)</i>	
WPCS-29-4	Dehydroepiandrosterone sulfate and skeletal muscle disorders in patients with type 2 diabetes <i>Yousuke Kaneko (Department of Internal Medicine, Anan Medical Center, Japan)</i>	
WPCS-29-5	Factors associated with frailty in hospitalized elderly patients with type 2 diabetes mellitus <i>Hui-Chun Hsu (President of Lee's Endocrinology Clinic, Taiwan)</i>	
WPCS-29-6	Handgrip strength and noncommunicable disease risk among Mongolian adults <i>Indra Altankhuyag (Mongolian national university of medical sciences, Mongolia)</i>	
WPCS-29-7	Relationship between handgrip strength and triglyceride glucose index in Korean adults based on the KNHANES Survey <i>Sang Bae Lee (Department of Internal Medicine, Hallym University College of Medicine, Korea)</i>	
WPCS-29-8	Handgrip strength and muscle mass in relation to cardiac autonomic neuropathy in patients with type 2 diabetes <i>Chanhee Jung (Department of Internal Medicine, Soonchunhyang University College of Medicine, Bucheon hospital, Korea)</i>	
WPCS-29-9	A Simple Formula for Evaluating the Appendicular Skeletal Muscle Mass in patient with Diabetes <i>Shota Moyama (Kansai Electric Power Hospital - Center for Metabolism and Clinical Nutrition, Osaka, Japan, / Kansai Electric Power Medical Research Institute - Center for Diabetes Research, Japan)</i>	
WPCS-29-10	Effect of cadmium exposure on the risk of sarcopenic obesity: A propensity score-matched cohort study <i>Il Rae Park (Division of Endocrinology and Metabolism, Department of Internal Medicine, Yeungnam University College of Medicine, Daegu, Korea)</i>	

Program

Poster Presentation (Clinical Science)

Type 2 diabetes II

15:50-17:00		Event Hall
Chair	Nobuhiro Shojima (Japan)	
WPCS-30-1	Beneficial effects of Fruit intake in Korean Patients with Diabetes Mellitus <i>Sunghwan Suh (Department of Internal Medicine, Samsung Changwon Hospital, Korea)</i>	
WPCS-30-2	Association between antidiabetic drugs and the incidence of atrial fibrillation in patients with type 2 diabetes <i>Joo Young Kim (Division of Endocrinology and Metabolism, Department of Internal Medicine, Hanil General Hospital, Korea)</i>	
WPCS-30-3	Ten-year cost-effectiveness of Risk Assessment and Management Programme – Diabetes Mellitus in Hong Kong primary care <i>Ho Man Tang (Department of Family Medicine and Primary Care, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong)</i>	
WPCS-30-4	Nomogram for Predicting 5-year Diabetes Remission after Roux-en-Y Gastric Bypass Surgery in Obese Chinese Patients <i>Yunhui Pan (Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-30-5	The glucose lowering drugs and glycemic control in inpatients with Diabetes Mellitus in Central Hospital of MNUMS <i>Bilguun Erdenechuluun (Central Hospital of Mongolian National University of Medical Science / Department of Endocrinology, School of Medicine, Mongolian National University of Medical Science, Mongolia)</i>	
WPCS-30-6	Age-dependant and sex-specific differences in cardiovascular diseases risks among adults with diabetes in China <i>Weiping Jia (Shanghai Diabetes Institute, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, China)</i>	
WPCS-30-7	Effect of DPP-4 Inhibitors on severity of atherothrombotic stroke in older patients with type2 diabetes <i>Takeshi Horii (Department of Pharmaceutical Science, Faculty of Pharmacy, Musashino University, Japan)</i>	
WPCS-30-8	THE EFFECT OF IMPLEMENTING HEALTH PROTOCOLS DURING THE COVID-19 PANDEMIC ON GLYCEMIC CONTROL IN T2DM <i>Dinda Aprilia (Endocrine metabolic and diabetes subdivision, Internal medicine department, Andalas university, Indonesia)</i>	
WPCS-30-9	Relationship between blood glucose by CGM and HbA1c and antidiabetic drugs in patients with type 2 diabetes <i>Rika Suda (Division of Diabetology and Metabolism, Department of Internal Medicine, Tokyo Women's Medical University School of Medicine, Japan)</i>	

Poster Presentation (Education and Care)

Diabetes education and care III

15:50-17:00		Event Hall
Chair	Shih-Yi Lin (Taiwan)	
WPEC-04-1	Relationships between Autonomous Motivation for Diet and Quality of Life in People with Type 2 Diabetes <i>Kanako Morinishi (Department of Human Health Sciences, Graduate School of Medicine, Kyoto University, Japan)</i>	
WPEC-04-2	Effectiveness of Combination Use of a Lifestyle Improvement Support App and a Wearable Device in People with T2DM <i>Makoto Kunisaki (Kunisaki Makoto Clinic, Japan)</i>	
WPEC-04-3	Association between self-care and depression in pediatric patients with type 1 diabetes during the COVID-19 pandemic. <i>Yuko Yakushijin (Ehime University Graduate School of Medicine, Faculty of Nursing, Japan)</i>	
WPEC-04-4	An observational study on diabetes distress among adults living with diabetes mellitus in Japan <i>Mikayo Ando (Faculty of Humanities and Social Sciences, Okayama University, Japan)</i>	
WPEC-04-5	COMPARISON OF CHRONOLOGICAL AND BIOLOGICAL AGE OF TYPE 2 DIABETIC PATIENTS <i>Gerelmaa Khureldee (Diabetes center of Endomed Hospital, Mongolia)</i>	
WPEC-04-6	Association of psychosocial characteristics on quality of life in patients newly diagnosed with type 2 diabetes <i>Ruey-Hsia Wang (College of Nursing, Kaohsiung Medical University, Taiwan)</i>	

WPEC-04-7	CENTRAL OBESITY IN TYPE 2 DIABETIC PATIENTS <i>Nansaldorj Erdenebileg (Diabetes center of Endomed Hospital, Mongolia)</i>
WPEC-04-8	Pathways of Character strengths, diabetes distress, self-management behaviors to quality of life in patients with T2DM <i>Wan-Yi Chen (College of Nursing, Kaohsiung Medical University, Taiwan)</i>
WPEC-04-9	Development and validation of the Chinese Brief Version of Spiritual Need Scale for Patients with Chronic Diseases <i>Hui-Chun Hsu (president of Lee's Endocrinology Clinic, Taiwan)</i>
WPEC-04-10	Establishment of the risk prediction model of hypoglycemia fear in patients with type 2 diabetes mellitus <i>Peixian Xu (Department of Endocrinology and Metabolism, Haikou orthopedic and diabetes hospital, Hainan, China)</i>

Poster Presentation (Education and Care)

Diabetes education and care IV

15:50-17:00		Event Hall
Chair	Nagaaki Tanaka (Japan)	
WPEC-05-1	Telephone encouraging in-person consultations at medical institutions in the Prevention program for diabetic nephropathy <i>Takehiro Kato (Departments of Diabetes, Endocrinology and Metabolism/Rheumatology and Clinical Immunology, Gifu University Graduate School of Medicine, Gifu, Japan / Divisions of Diabetes, Endocrinology and Metabolism/Rheumatology and Clinical Immunology, Gifu University Hospital, Gifu, Japan)</i>	
WPEC-05-2	Self-care Nonadherence among Diabetes Patients in Home Health Care Settings <i>Susumu Kimura (Kimuranaika Clinic, Japan)</i>	
WPEC-05-3	DIABETES VISITS IN ENDOCRINE CLINIC <i>Munkhtsetseg Gombosuren (Diabetes center of Endomed hospital, Ulaanbaatar, Mongolia)</i>	
WPEC-05-4	A qualitative study on the roles and challenges for the prevention of diabetes in the Filipino community health workers <i>Yuko Yamaguchi (Department of Nursing, Graduate School of Health Sciences, Kobe University, Japan)</i>	
WPEC-05-5	Oral Health Knowledge and Habits among adults with Type 2 Diabetes <i>Bulgan Munkhtur (School of Medicine, MNUMS, Mongolia)</i>	
WPEC-05-6	Adherence to recommended self-care behaviors and its related factors among Taiwanese patients with type 2 diabetes <i>Tsung-Jung Lien (Dept. of Dietetics, National Taiwan University Hospital Hsin Chu Branch, Hsinchu City, Taiwan)</i>	
WPEC-05-7	Introducing AI-assisted diagnosis of diabetic retinopathy to improve the quality and efficiency of care for diabetic <i>Ching Su (Taipei Municipal Gan-Dau Hospital / -Metabolism, Taiwan)</i>	
WPEC-05-8	Making a new style of peer education by online-meeting for type 1 diabetes patients <i>Yoko Hamatani (Department of Nursing, Tama-center Mirai Clinic, Japan)</i>	
WPEC-05-9	Psychometrics Properties of the Indonesian Version of the Audit of Diabetes-Dependent Quality of Life (ADDQoL-19) <i>Putri Amelia Rooswita (Department of Pharmacy, Institut Teknologi Sumatera, Indonesia)</i>	
WPEC-05-10	Estimated cost of CGMS for T1DM patients in Mongolia <i>Enkhjin Boldbaatar (Endomed hospital, Mongolia)</i>	

July 23 (Sun), 2023

Symposium (Basic Science)

Adiposcience

09:30-12:00		Annex Hall 1
Chair	Jae Bum Kim (Korea), Iichiro Shimomura (Japan)	
BS-05-1	Significance of Adipose tissue in the pathophysiology <i>Iichiro Shimomura (Department of Metabolic Medicine, Graduate School of Medicine, Osaka University, Japan)</i>	
BS-05-2	Regulation of adipocyte metabolism by hypothalamic immune cells <i>Min-Seon Kim (University of Ulsan College of Medicine, Asan Medical Center, Korea)</i>	
BS-05-3	Epigenetic Regulation of Brown-Fat-Specific Genes by Nuclear Factor I-A and Its Role in Energy Homeostasis <i>Hironori Waki (Akita University Graduate School of Medicine, Japan)</i>	
BS-05-4	Lipid-mediated regulation of adipocyte metabolism <i>Yun-Hee Lee (Seoul National University, Korea)</i>	
BS-05-5	SF1-expressing neurons of the ventromedial hypothalamus inhibits high-fat diet-induced inflammatory responses in subcutaneous adipose tissue <i>Yasuhiko Minokoshi (Division of Endocrinology and Metabolism, National Institute for Physiological Sciences, Japan)</i>	
BS-05-6	Dynamic Remodeling of Adipose Tissue and Its Regulation <i>Jae Bum Kim (Seoul National University, Korea)</i>	

Symposium (Clinical Science)

Diabetes and Cancer

09:30-12:00		Annex Hall 2
Chair	Chin-Hsiao Tseng (Taiwan), Hiroataka Watada (Japan)	
CS-07-1	Metabolic targets in liver cancer <i>Weiping Han (Institute of Molecular and Cell Biology, A*STAR, Singapore)</i>	
CS-07-2	Protective role of gut insulin action in the development of NASH and HCC associated with diabetes in mice <i>Kotaro Soeda (National Center for Global Health and Medicine, Japan)</i>	
CS-07-3	Diabetes, NAFLD, and Hepatocellular Carcinoma <i>Dae Ho Lee (Gachon University College of Medicine & Medical Center, Korea)</i>	
CS-07-4	The epidemiological link between diabetes and cancer: what we have learnt from big data in Taiwan <i>Chin-Hsiao Tseng (National Taiwan University College of Medicine; National Taiwan University Hospital, Taiwan)</i>	
CS-07-5	Diabetes and Cancer risk: Epidemiological aspect <i>Manami Inoue (National Cancer Center Institute for Cancer Control, Japan)</i>	

Symposium (Education and Care)

Guidelines for diabetes care of member societies

09:30-12:00		Room A
Chair	Linong Ji (China), Kohjiro Ueki (Japan)	
EC-07-1	CDS guideline for type 2 diabetes <i>Linong Ji (Peking University People's Hospital, China)</i>	
EC-07-2	Diabetes care in Korea: present and future <i>Joon-Yub Lee (Division of Endocrinology & Metabolism, Department of Internal Medicine, Seoul St. Mary's Hospital, The Catholic University of Korea, Korea)</i>	
EC-07-3	Using data and logistics to prevent and personalize diabetes care <i>Juliana Chung Ngor Chan (Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong)</i>	
EC-07-4	Revisiting Diabetes Care <i>Tommy Ty Willing (Diabetes Philippines / Philippine Center for Diabetes Education Foundation / Alliance of Clinical Endocrinologist, Philippines)</i>	
EC-07-5	Guideline for Diabetes Care of The Diabetes Association of R.O.C. (Taiwan) <i>Chih-Yuan Wang (Department of Internal Medicine, Division of Endocrinology and Metabolism, Department of Internal Medicine College of Medicine, National Taiwan University, Taiwan)</i>	

EC-07-6	A consensus statement from the Japan Diabetes Society (JDS): a proposed algorithm for pharmacotherapy in people with type 2 diabetes <i>Toshimasa Yamauchi (Department of Diabetes and Metabolic Diseases, Graduate School of Medicine, The University of Tokyo, Japan)</i>
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Symposium (Basic Science)

AIBIS II: Islet and Incretin Biology

Eli Lilly Japan / Mitsubishi Tanabe Pharma Corporation

09:30-12:00		Room B-1
Chair	Guang Ning (China), Kyu Chang Won (Korea)	
BS-06-1	Advancements in Incretin Research: From Basic Science to Clinical Applications and Beyond <i>Nobuya Inagaki (Medical Research Institute KITANO HOSPITAL, PIIF Tazuke-kofukai, Japan)</i>	
BS-06-2	Epithelial Cl- and Na+ channels in regulation of insulin secretion in islet beta cells <i>Sharon YC Ruan (The Hong Kong Polytechnic University, Hong Kong)</i>	
BS-06-3	Impact of fructose on β -cell function <i>Naoya Muraio (Department of Endocrinology, Diabetes and Metabolism, Fujita Health University, Japan)</i>	
BS-06-4	Inter-organ (inter-cell) crosstalk contributes to pancreatic beta-cell regeneration induced by glucagon receptor antagonism <i>Tianpei Hong (Peking University Third Hospital, China)</i>	
BS-06-5	GLP-1 receptor agonists regulates glycemia, feeding and body weight <i>Toshihiko Yada (Kansai Electric Power Medical Research Institute, Gifu University Graduate School of Medicine, Department of Diabetes, Endocrinology and Metabolism, Japan)</i>	
BS-06-6	Differentially methylated regions (DMRs) regulate incretin response <i>Chia-Hung Lin (Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Linkou, Taiwan)</i>	

Symposium (Education and Care)

Challenges of Type 1 Diabetes Treatment and Insulin Supply in WPR

09:30-12:00		Room B-2
Chair	Weiping Jia (China), Yasuko Uchigata (Japan)	
EC-08-1	Current Status and Issues of Type 1 Diabetes Treatment in Japan <i>Junnosuke Miura (Division of Diabetology and Metabolism, Department of Internal Medicine Tokyo Women's Medical University School of Medicine, Japan)</i>	
EC-08-2	Type 1 diabetes in Mongolia: current status and issues <i>Oyuntugs Byambasukh (Mongolian National University of Medical Sciences, Mongolia)</i>	
EC-08-3	Advances in type 1 diabetes management in low-middle income country: the inequity of care <i>Frida Soesanti (Endocrinology Division, Department of Child Health Faculty of Medicine Universitas Indonesia - Cipto Mangunkusumo General Hospital, Jakarta, Indonesia)</i>	
EC-08-4	Type 1 diabetes care - gains and challenges <i>Alicia Josephine Jenkins (Baker Heart and Diabetes Institute, Australia)</i>	
EC-08-5	Insulin treatment in Japan - from history to future prospects - <i>Akira Shimada (Saitama Medical University, Japan)</i>	

Closing Remarks

12:00-12:20	Annex Hall 1
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