

Category of Abstract	Abstract Number	Abstract Title	Presenting Name	Presenting Institution	Presenting Country	Corresponding Name
Post doctoral session 1	PD1-1	Pharmacological intervention to prevent progressive dysfunction of pancreatic beta cell	Kyun Hoo KIM	¹ Korea Advanced Institute Of Science And Technology, ² Korea Advanced Institute Of Science And Technology	Republic of Korea	Hail KIM
	PD1-2	Effect of Time restricted feeding (TRF) on Cyp11a1 protein expression in ileum (intestinal) Epithelium cells and on rhythmic abundance of Gut microbiota in prediabetic mice model	B ANJUM	¹ King George's Medical University, ² sgpgims	India	B ANJUM
	PD1-3	PTPN2 regulates mitochondrial function in the context of type 1 diabetes-like stress conditions	YongKyung KIM	¹ University Of Colorado Anschutz Medical Campus	United States	Lori SUSSEL
	PD1-4	Night Owls are "Canaries in Coal Mine for Metabolic Predisposition to T2DM, Obesity and Cardio-Metabolic Disorders	Qulsoom NAZ	¹ King George's Medical University	India	Kauser USMAN
	PD2-1	Healthy Lifestyle, Access to Primary Health Care, and Regular T2DM Screening in Java, Indonesia: A District-Level Analysis for Type 2 Diabetes Prevention	Bagas Suryo BINTORO	¹ Department Of Health Behavior, Environment, And Social Medicine, ² Center Of Health Behavior And Promotion	Indonesia	Bagas Suryo BINTORO
	PD2-2	Underlying Mechanism of G protein-coupled receptor 40 (GPR40) as a Novel Target to Control Muscle Atrophy Caused by Obesity and Aging	JOO WON KIM	¹ Biomedical Sciences	Republic of Korea	HYE JIN YOO
	PD2-3	Amelioration by Citral of diabetes and High Fat Diet induced Nonalcoholic Steatohepatitis (NASH) By Modulating NLRP3 Inflammasome Mediated Mitophagy Pathway	Chetna MISHRA	¹ King George's Medical University	India	Chetna MISHRA
	PD2-4	Differences in Metabolic Syndrome-Related Risk Factors and Productivity Loss between School Teachers Living in Urban and Rural Area of Karawang, Indonesia	AL MUKHLAS FIKRI	¹ University Of Singaperbangsa Karawang	Indonesia	AL MUKHLAS FIKRI
Basic & translational diabetes research	OP1-1	Sodium glucose cotransporter 2 inhibitor ameliorate thiazolidinedione-induced adipose tissue fluid overload via the regulation of vascular endothelial growth factor-VE cadherin axis	Ji Yoon KIM	¹ Samsung Medical Center, ² Korea University College Of Medicine	Republic of Korea	Nam Hoon KIM
	OP1-2	A molecular link between diabetes and breast cancer: Anti-cancer effects of incretin based antidiabetic therapies on triple-negative breast cancer cells via mitochondrial modulation	Hamendra Singh PARMAR	¹ Devi Ahilya University	India	Hamendra Singh PARMAR
	OP1-3	Inhibition of pyruvate dehydrogenase kinase 4 induces mitochondrial activation and immune cell shifts in diabetic kidney disease	Min-Ji KIM	¹ Kyungpook National University Hospital	Republic of Korea	In-Kyu LEE
	OP1-4	Molecular mechanism of diurnal alterations of hepatic glycogen structure in mice with time-restricted feeding	Liang WANG	⁶ Guangdong Provincial Peoples Hospital, ⁷ University Of Queensland	China	Liang WANG
	OP1-5	Single-cell transcriptomic and somatic mutational profiling in a non-alcoholic fatty liver disease mouse model to reveal hepatocellular carcinogenesis	Won Hee LEE	¹ Korea Advanced Institute Of Science And Technology, ² Korea Advanced Institute Of Science And Technology	Republic of Korea	Hail KIM
	OP1-6	Investigating the Pyruvate dehydrogenase kinase 3 inhibitory potential and binding mechanism of thymoquinone: towards therapeutic management of diabetes and inflammatory diseases	Mohammad HASSAN	¹ Jamia Millia Islamia	India	Mohammad HASSAN
Clinical diabetes and therapeutics	OP2-1	Changes in gut microbiome after metformin use in Korean patients with type 2 diabetes	Eugene HAN	¹ Keimyung University School Of Medicine	Republic of Korea	Yong-ho LEE
	OP2-2	Predictors of glucagon-like peptide 1 receptor agonist (GLP1-RA) treatment discontinuation among patients with type 2 diabetes in Hong Kong: real-world evidence from a prospective cohort	Pui yin AU-YEUNG	¹ The Chinese University Of Hong Kong	Hong Kong	Aimin YANG
	OP2-3	Risk of thyroid cancer associated with incretin-based drugs among patients with type 2 diabetes: a Population-Based Cohort Study	HeeJun SON	¹ Seoul National University Hospital	Republic of Korea	Young Min CHO
	OP2-4	Effects of Predictive-Low-Glucose-Suspension (PLGS) Insulin Pump with Structured Algorithm for Preoperative Glycemic Control: A Propensity Score Matching Study	Sun Joon MOON	¹ Kangbuk Samsung Hospital, Sungkyunkwan University School Of Medicine	Republic of Korea	Cheol Young PARK
	OP2-5	Benefits of Advanced Hybrid Closed Loop System (MiniMedTM 780G) in Meal Management: Patients who transition from MiniMedTM 670G/770G System in Australia	John SHIN	¹ Medtronic	United States	John SHIN
	OP2-6	Monogenic Diabetes: A One-Year Experience at a Specialized Clinical Genomics Clinic	Hye Won YANG	¹ Seoul National University Hospital, ² Seoul National University College Of Medicine	Republic of Korea	Soo Heon KWAK
Diabetes care & education	OP3-1	Novel Clustering of Dietary Pattern for Predicting Incident Diabetes	Soree YANG	¹ Pusan National University Hospital, ² Pusan National University Hospital	Republic of Korea	Sang Soo KIM
	OP3-2	Web based diabetes registration in Mongolia	Sainbileg SONOMTSEREN	¹ Endomed Hospital, ² Mongolian National University Of Medical Sciences, ³ Mongolian Diabetes Association	Mongolia	Sainbileg SONOMTSEREN
	OP3-3	Is the school neighborhood food environment influence the dietary behaviour of students who are in low-income community in Sri Lanka : A cross-sectional study	Chamil SENEVIRATHNE	¹ Faculty Of Applied Sciences, Rajarata University Of Sri Lanka	Sri Lanka	Chamil SENEVIRATHNE
	OP3-4	Glycemic Parameters of Primigravid Women with Gestational Diabetes Mellitus	Farhanah SHUHAIMI	¹ Universiti Teknologi Mara	Malaysia	Farhanah SHUHAIMI
	OP3-5	Role of Integrated Personalized Diabetes Management Program for Diabetes Mellitus Type 2 (T2DM) Control in Limited Resources Facility: Randomized Controlled Trial	Burhan GUNAWAN	¹ Sumber Waras Hospital, West Jakarta, Indonesia	Indonesia	Burhan GUNAWAN
	OP3-6	Empowering rural community to identify and decide measures on risk factors of type-2-Diabetes-mellitus; Experience from Sri Lankan Health Promotion Study	Anuradha AIRAWANSHA	¹ Rajarata University Of Sri Lanka	Sri Lanka	Anuradha AIRAWANSHA
Diabetes complications -basic & translational	OP4-1	Causal Association of Type 2 Diabetes and Pulmonary Tuberculosis: A Mendelian Randomization Study	Hyunsuk LEE	¹ Seoul National University	Republic of Korea	Soo-Heon KWAK
	OP4-2	Inhibition of Neuronal Autophagy Contributes To Reduced Brain Damage In Hyperglycaemic Rats	Dinesh TRIPATHI	¹ King George's Medical University	India	Dinesh TRIPATHI
	OP4-3	Clinical Meaning of Urinary Glycated Albumin in Patients with Diabetes: A Prospective Cohort Study of Residual Urine Samples	Minyoung LEE	¹ Yonsei University College Of Medicine	Republic of Korea	Byung-Wan LEE
	OP4-4	Combinatorial Effects of Tetrahydrocurcumin (THU) and Transforming Growth Factor-beta Receptor I Inhibitor on Nonalcoholic Steatohepatitis	Kampeebhorn BOONLOH	¹ Yonsei University Wonju College Of Medicine, ² Faculty Of Medicine, Khon Kaen University, ³ Yonsei University Wonju College Of Medicine	Thailand	Choon Hee CHUNG
	OP4-5	A Mouse Model for Metabolic Stress-induced Nonalcoholic Fatty Liver Disease and Subsequent Hepatocellular Carcinoma	Byung-Kwan JEONG	¹ Korea Advanced Institute Of Science And Technology, ² Korea Advanced Institute Of Science And Technology, ³ Asan Medical Center, University Of Ulsan College Of Medicine	Republic of Korea	Hail KIM

	OP4-6	Biological Importance Of Anthocyanin In Cardiovascular Disease (CVD): Therapeutic Role In Diabetic Cardiomyopathy With Their Molecular Mechanism	Dinesh Kumar PATEL	¹ Faculty Of Health Science, Shuats, India	India	Dinesh Kumar PATEL
Clinical diabetes and therapeutics	OP5-1	Real-World Evidence of Hybrid Closed-Loop System (MiniMed 770G) Switching from Predictive-Low-Glucose-Suspension Insulin Pump (MiniMed 640G) in Korea: A Nationwide Retrospective Study	SUN JOON MOON	¹ Kangbuk Samsung Hospital, Sungkyunkwan University School Of Medicine	Republic of Korea	YOUNG MIN CHO
	OP5-2	Real-World Continuous Glucose Monitoring Data from a Population with Type 1 Diabetes in South Korea: Single-System Analysis	Ji Yoon KIM	¹ Samsung Medical Center, Sungkyunkwan University School Of Medicine	Republic of Korea	Jae Hyeon KIM
	OP5-3	Solid lipid nano-particles of quercetin to abrogate renal dysfunction in experimentally induced type II diabetic rats: An Anti-inflammatory therapy	Richa SACHAN	¹ Sam Higginbottom University Of Agriculture, Technology & Sciences, Faculty Of Health Sciences	India	Richa SACHAN
	OP5-4	Effectiveness of A Protocol Based Automatic Mobile Message Providing System on Glycemic Control in Patients With Type 2 Diabetes: A 12-Week, Randomized, Open-Label, Controlled, Parallel-Group Trial	KYUHO KIM	¹ The Catholic University Of Korea, St. Vincent's Hospital	Republic of Korea	SEUNG-HYUN KO
	OP5-5	Efficacy and safety in tirzepatide-treated Korean adults with type 2 diabetes: a post hoc analysis of SURPASS AP-Combo and SURPASS-3	Byung Wan LEE	¹ Yonsei University College Of Medicine	Republic of Korea	Byung Wan LEE
	OP5-6	Deep Residual Convolutional Neural Network for Automated Classification of Diabetic Retinopathy Severity Levels: A Promising Approach for Early Detection and Diagnosis	Rifaldy FAJAR	¹ Karlstad University	Sweden	Rifaldy FAJAR
	OP5-7	The Association Between Life Style Changes and Remission in New-onset Type 2 Diabetes: A Nationwide-cohort Study	Jinyoung KIM	¹ Yeouido St.mary's Hospital	Republic of Korea	Hyuk-Sang KWON
	OP5-8	New Users of Sodium-Glucose Cotransporter 2 Inhibitors Are at Low Risk of Incident Pancreatic Cancer: A Nationwide Propensity ScoreMatched Cohort Study	Yun Kyung CHO	¹ Asan Medical Center, University Of Ulsan College Of Medicine, ² Asan Medical Center	Republic of Korea	Chang Hee JUNG
Diabetes complications -clinical & epidemiology	OP6-1	Comparative effectiveness of new antidiabetic medications on major adverse cardiovascular events in people with type 2 diabetes and a prior stroke	Jae Hyun BAE	¹ Korea University Anam Hospital	Republic of Korea	Sin Gon KIM
	OP6-2	Impact of Increased Interleukin-5 on Information Processing Function and its Association with Mild Cognitive Impairment in Type 2 Diabetes Mellitus Patients: A Cross-Sectional Study	Haoqiang ZHANG	¹ The First Affiliated Hospital Of Ustc, Division Of Life Sciences And Medicine, University Of Science And Technology Of China	China	Haoqiang ZHANG
	OP6-3	Comparison of body composition indices that best predict new onset T2DM in Korean; based on nationwide cohort with 10-year follow up data	Min Jeong PARK	¹ Korea University Guro Hospital	Republic of Korea	Hye Jin YOO
	OP6-4	High Remnant Cholesterol Increases the Risk of Dementia in Patients with Type 2 Diabetes: Data From the National Health Insurance Service Health Screenings	Han Na JUNG	¹ Hallym University Sacred Heart Hospital	Republic of Korea	Jun Goo KANG
	OP6-5	To Study The Role of Artificial Intelligence in Early Prediction of Acute Kidney Injury in Pediatric Patients: Systematic review	Dr Nilesh CHAVDA	¹ Gmers Medical College Valsad	India	Dr Nilesh CHAVDA
	OP6-6	Trajectory of Lung Function in Diabetic Adults: A 16-year Follow-up Study of Community-based Prospective Cohorts	Wonsuk CHOI	¹ Chonnam National University Medical School	Republic of Korea	Nam H. CHO
	OP6-7	Machine learning-based prediction model for cardiovascular disease in patients with diabetes: Derivation and validation in two independent Korean cohorts	Hyunji SANG	¹ Kyung Hee University Medical Center, ² Medical Science Research Institute, Kyung Hee University Medical Center, Kyung Hee University College Of Medicine	Republic of Korea	Sang Youl RHEE
Others (basic & translational/clinical)	OP7-1	Cell-specific effect of PGAM5 knockdown on insulin resistance	Xiantong ZOU	¹ Peking University People's Hospital	China	Xiantong ZOU
	OP7-2	Inhibition of de novo ceramide synthesis prevents diet-induced obesity and whitening of brown adipose tissue by activating AMPK	Sang-hyeok GO	¹ Asan Medical Center, University Of Ulsan College Of Medicine	Republic of Korea	Eun Hee KOH
	OP7-3	Irisin attenuates HSCs activation and liver fibrosis in Bile Duct Ligation mice model via improving Mitochondrial Dysfunction	Linh LAI	¹ Kangwon National University	Vietnam	Eun-Hee CHO
	OP7-4	Maternal Outcomes and Fasting Blood Glucose of Undernourished Mother Rats in Response to Balinese Cow Bone Marrow Microcapsules	Umi ROKHMAH	¹ Jenderal Soedirman University, ² ipb University	Indonesia	Ahmad SULAEMAN
	OP7-5	Associations of sleep duration and quality with blood glucose control in type 2 diabetes mellitus: a CGM-based analysis	Sang-Hyeon JU	¹ Chungnam National University Hospital	Republic of Korea	Hyun Jin KIM
	OP7-6	Association of maternal body fat percentage and the risk of gestational diabetes mellitus	Dittakarn BORIBOONHIRUNSARN	¹ Faculty Of Medicine Siriraj Hospital	Thailand	Dittakarn BORIBOONHIRUNSARN
	OP7-7	Exploration of the quiescent state and stem cell-like characteristics of pancreatic stellate cells	Chengming NI	¹ Southeast University	China	Zilin SUN
	OP7-8	Muscle Quantity and Quality in Adults with Metabolic Dysfunction-Associated Fatty Liver Disease	Myung Jin KIM	¹ Asan Medical Center, University Of Ulsan College Of Medicine	Republic of Korea	Chang Hee JUNG
Korean medical students & medical trainees session	OP8-1	Quality of Life and Patient Satisfaction to Treatment with Continuous Glucose Monitoring in Women with Gestational Diabetes Mellitus	Sookyung WON	¹ Seoul National University Bundang Hospital	Republic of Korea	Joon Ho MOON
	OP8-2	alpha-tubulin deacetylation impairs angiogenesis and induces endothelial-to-mesenchymal transition	Seonbu YANG	¹ Endocrinology And Metabolism	Republic of Korea	Jae taek KIM
	OP8-3	Higher Plasma HDL Cholesterol Levels are Associated with a Reduced Risk of Cardiovascular Disease: A 16-year Follow-up Community-based Cohort Study	Seung Eun YOO	¹ Seoul National University Bundang Hospital	Republic of Korea	Joon Ho MOON
	OP8-4	The Role of Insulin Receptor in Cardiac Conduction System	Luong van thi Trang	¹ Endocrinology And Metabolism	Republic of Korea	Jaetaek KIM
	OP8-5	Cases of Maturity onset diabetes of the young (MODY)	Sejun JEON	¹ Seoul National University Bundang Hospital	Republic of Korea	Ioonho MOON