

Category of Abstract	Abstract Number	Abstract Title	Presenting Name	Presenting Institution	Presenting Country	Corresponding Name
Basic & translational diabetes research	PE001	Correlative study of the association between metabolic syndrome and subclinical hypothyroidism patients attending Chitwan Medical College.	Dr. Deepak Kafle KAFLE	<sup>1</sup> Chitwan Medical College, Nepal	Nepal	Dr. Deepak Kafle KAFLE
Basic & translational diabetes research	PE002	Exploring molecular pathway involved in microglial activation in diabetic rats to improve cognition.	Dharmendra Kumar KHATRI	<sup>1</sup> Niper Hyderabad	India	Dharmendra Kumar KHATRI
Basic & translational diabetes research	PE003	Nephroprotective effect of Thaliporphine against Streptozotocin induced diabetes mellitus via Alteration of gut microbiota	D CHAUHAN	<sup>1</sup> Rajkamal Science Management College	India	D CHAUHAN
Basic & translational diabetes research	PE004	Nephroprotective potential of Gallic acid metformin against Streptozotocin induced diabetic nephropathy in Wistar rats via inhibition of DPP-4 and TGF-beta	Vikas KUMAR	<sup>1</sup> Sam Higginbottom University Of Agriculture, Technology & Sciences	India	Vikas KUMAR
Basic & translational diabetes research	PE005	A meta-analysis on the association between the mnSOD Val16Ala polymorphism and the development of diabetic nephropathy	Ivy CAYABYAB	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Basic & translational diabetes research	PE006	Serum ferritin as a potential complementary marker to fasting blood glucose in diagnosing type 2 diabetes mellitus: a pilot study among Kapampangans	Raphael Enrique TIONGCO	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Basic & translational diabetes research	PE007	Gene Polymorphisms of Superoxide Dismutase (SOD) 1 and Type 2 Diabetes Mellitus Risk Factor : Meta-Analysis	Bastomy REZKITA	<sup>1</sup> Universitas Sebelas Maret	Indonesia	Bastomy REZKITA
Basic & translational diabetes research	PE008	Association of selected climatological variables with the incidence of new-onset hypertension and type 2 diabetes in Central Luzon, Philippines	Annalyn NAVARRO	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Basic & translational diabetes research	PE009	Endoc-BH5, Primary-like Human Beta Cell Model: Finally!! a Robust and Reliable Cell Line for T1D and T2D Disease Modeling	Hamza OLLEIK	<sup>1</sup> Human Cell Design	France	Hamza OLLEIK
Basic & translational diabetes research	PE010	Phenolic acids in the management of diabetes and its associated complications	Md. Shahidul ISLAM	<sup>1</sup> University Of Kwazulu-Natal	South Africa	Md. Shahidul ISLAM
Basic & translational diabetes research	PE011	Swietenia macrophylla King Extract Extenuate Streptozotocin-induced Diabetic Infertility in Male Sprague Dawley Rats	Muhammad Fattah FAZEL	<sup>1</sup> Universiti Kuala Lumpur, <sup>2</sup> Mahsa University, <sup>3</sup> Universiti Kuala Lumpur	Malaysia	Hanan Kumar GOPALAN
Basic & translational diabetes research	PE012	THE EFFECT OF HIGH-FAT AND SOFT DRINK DIET AS AN INDICATOR OF DIABETES PROGRESSIVITY ON WISTAR RATS PANCREAS	Muhammad Rafi FALAH	<sup>1</sup> University Of Islam Indonesia	Indonesia	Muhammad Rafi FALAH
Basic & translational diabetes research	PE013	Dynamical Modeling of Chronic Inflammation-Induced Insulin Resistance: Insights into Molecular Pathways and Therapeutic Targets	Prihantini PRIHANTINI	<sup>1</sup> Yogyakarta State University	Indonesia	Prihantini PRIHANTINI
Basic & translational diabetes research	PE014	microRNA: An Early Prognostic and Diagnostic Biomarker for Diabetes	Nidhi PURANIK	<sup>1</sup> Yeungnam University	Republic of Korea	Nidhi PURANIK
Basic & translational diabetes research	PE015	Protective effects of ellagic acid and its fabricated solid lipid nanoparticles on diabetic nephropathy induced by streptozotocin-nicotinamide in mice via alteration of oxidative stress and apoptosis	Deepika SINGH	<sup>1</sup> Shuats	India	Deepika SINGH
Basic & translational diabetes research	PE016	Type II diabetes mellitus patients from the North Indian population and OCT-1 gene polymorphism.	HINA PARVEEN	<sup>1</sup> King George's Medical University	India	Dilutpal SHARMA
Basic & translational diabetes research	PE017	Oestrogen Receptor in Insulin Resistance and Type 2 Diabetes Mellitus: From Molecular Mechanism to Clinical Evidence	Muhammad Zulfiqah SADIKAN	<sup>1</sup> Faculty Of Medicine, Manipal University College Malaysia, Jalan Batu Hampar, Bukit Baru, 75150 Melaka	Malaysia	Ahmad Nazrun SHUID

Basic & translational diabetes research	PE018	2-Deoxy-D-ribose induces ferroptosis in renal tubular epithelial cells via ubiquitin-proteasome system-mediated xCT protein degradation	Gwanpyo KOH	<sup>1</sup> Jeju National University College Of Medicine, <sup>2</sup> Jeju National University Hospital	Republic of Korea	Gwanpyo KOH
Basic & translational diabetes research	PE019	The Impact of Obesity & Modern Lifestyle on Stress, Anxiety and Depression in North Indian Adult Population	Diksha DEVI	<sup>1</sup> Phd Scholar	India	Sandeep BHATTACHARYA
Basic & translational diabetes research	PE020	Biological Effect Of Plantamajoside In Sepsis-Regulated Organ Dysfunction, Chronic Heart Failure (CHF) And Hypoxia-Reoxygenation (H/R) Injury With Their Molecular Mechanism	Dinesh Kumar PATEL	<sup>1</sup> Faculty Of Health Science, Shuats, India	India	Dinesh Kumar PATEL
Basic & translational diabetes research	PE021	Antidiabetic role of vanadate nanoparticles on oxidative stress and metabolic function in fat-fed and streptozotocin-treated rats	Pardeep KUMAR	<sup>1</sup> F H Medical College & Hospital	India	Pardeep KUMAR
Basic & translational diabetes research	PE022	Therapeutic Potential Of Kakkalide In The Medicine For The Treatment Of Diabetes And Related Secondary Complications Through Their Effectiveness On Insulin Resistance, Insulin-Resistant Endothelial Dysfunction And Aldose Reductase Enzyme	DINESH KUMAR PATEL	<sup>1</sup> Sam Higginbottom University Of Agriculture, Technology And Sciences	India	DINESH KUMAR PATEL
Basic & translational diabetes research	PE023	Biological Potential Of Cirsimaritin For The Treatment Of Diabetes And Associated Secondary Complications Through Its Therapeutic Effectiveness On Cell Viability And Protection Of INS-1 Cells	DINESH KUMAR PATEL	<sup>1</sup> Sam Higginbottom University Of Agriculture, Technology And Sciences	India	DINESH KUMAR PATEL
Basic & translational diabetes research	PE024	Comparison of Redox imbalance, Lipid Panel, Glycemic State and Hepatic Enzymes Activity between Nepalese Obese & Non-obese Adults	Bijay SUBEDI	<sup>1</sup> School Of Health & Allied Sciences, Pokhara University	Nepal	Bijay SUBEDI
Basic & translational diabetes research	PE025	Impact of type 2 diabetes-associated PAX4 variant on pancreatic beta cell function	Jungsun PARK	<sup>1</sup> Korea Advanced Institute Of Science And Technology, <sup>2</sup> Korea Advanced Institute Of Science And Technology	Republic of Korea	Hail KIM
Basic & translational diabetes research	PE026	The association of miR-302 expression levels and non-alcoholic fatty pancreas disease	Chih-Li LIN	<sup>1</sup> Chung Shan Medical University	Taiwan	Chien-Ning HUANG
Basic & translational diabetes research	PE027	Genistein synergically increases the protection of liraglutide against beta cell apoptosis induced by glucolipototoxicity	Sing-Hua TSOU	<sup>1</sup> Chung Shan Medical University Hospital	Taiwan	Sing-Hua TSOU
Basic & translational diabetes research	PE028	An ethno-medicinal study of medicinal plants used for the treatment of diabetes and related complications in Dhaka City, Bangladesh	AHM Mahmudur RAHMAN	<sup>1</sup> Universiti Teknologi Mara, Puncak Alam Campus	Malaysia	Farrah Shafeera IBRAHIM
Basic & translational diabetes research	PE029	Biological Effectiveness Of Gossypin Against Diabetes And Associated Secondary Complication Through Their Effectiveness On Hba1c Levels And Plasma Insulin Level	Dinesh Kumar PATEL	<sup>1</sup> Sam Higginbottom University Of Agriculture, Technology And Sciences	India	Dinesh Kumar PATEL
Basic & translational diabetes research	PE030	Profiling of changes in gene expression associated with epigenetic changes in peripheral blood cells under hyperinsulinemic euglycemic clamp condition	Dae Ho LEE	<sup>3</sup> Gachon University Gil Medical Center	Republic of Korea	Dae Ho LEE
Basic & translational diabetes research	PE031	PANCREATIC BETA CELL DYSFUNCTION IN CLINICAL STAGES OF T2DM	Bolor BYAMBATSOOJ	<sup>1</sup> Mongolian National University Of Medical Science, <sup>2</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Basic & translational diabetes research	PE032	AN ATTEMPT TO INVESTIGATE ANTIMONY MEDIATED THERAPY FOR AN OPTIMAL INSULIN SECRETION DURING VISCERAL LEISHMANIASIS INFECTION	Sukrat SINHA	<sup>1</sup> Nehru Gram Bharati	India	Sukrat SINHA
Basic & translational diabetes research	PE033	PESTICIDES AND THE NUTRITIONAL STATUS OF RICE FOR PEOPLE WITH DIABETES	Nisrin ABD KADIR	<sup>1</sup> Universiti Malaysia Terengganu	Malaysia	Nisrin ABD KADIR

Basic & translational diabetes research	PE034	The Association of Angiotensin Converting Enzyme Insertion/Deletion Gene Polymorphism with Diabetes and Diabetic Nephropathy patients in North Indian Population	Mohammad Kaleem AHMAD	<sup>1</sup> King George's Medical University	India	Mohammad Kaleem AHMAD
Basic & translational diabetes research	PE035	Effect of Gymnemagenin on GLUT 4 translocation	Senthil Kumar SUBRAMANI	<sup>1</sup> Tropilite	India	Senthil Kumar SUBRAMANI
Basic & translational diabetes research	PE036	Effect of Sodium Glucose Cotransporter-2 inhibitor on hepatic glucose metabolism and Hepatic Autophagy	Siwoon LEE	<sup>1</sup> Graduated Of School Of Medicine, Yonsei University	Republic of Korea	Eun Seok KANG
Basic & translational diabetes research	PE037	Dysregulation of MGP/BMP4 Ratio is Correlated with Coronary Artery Calcification In Male with Type 2 Diabetes	Dwi Yuniati DAULAY	<sup>1</sup> Indonesia Society For The Study Of Obesity	Indonesia	Dwi Yuniati DAULAY
Basic & translational diabetes research	PE038	Improving repaglinide bioavailability using lipid based drug delivery systems: formulation, characterization and in vivo evaluation	Pankajkumar YADAV	<sup>1</sup> Shuats	India	Pankajkumar YADAV
Basic & translational diabetes research	PE039	Vitamin D supplementation alleviates sarcopenia by modulating myokine expression	YOO JEONG LEE	<sup>1</sup> National Institute Of Health	Republic of Korea	JOO HYUN LIM
Basic & translational diabetes research	PE040	Two different ways to replace beta cell mass after partial pancreatectomy	BYUNG JOON KIM	<sup>1</sup> Gachon University	Republic of Korea	KWANG-WON KIM
Basic & translational diabetes research	PE041	Identification of potential key therapeutic genes associated with diabetes mellitus and myocardial infarction	VIPUL VAIBHAVA	<sup>1</sup> B. R. Ambedkar Bihar University	India	Md. Zubair MALIK
Basic & translational diabetes research	PE042	Factors influencing North Indian diabetics' knowledge and attitudes: Cross-sectional study	Rahul KUMAR	<sup>1</sup> Ngb	India	Rahul KUMAR
Basic & translational diabetes research	PE043	Assessment of food contaminant 3-monochloropropane-1,2-diol (3-MCPD) on human colon cell line, HCT 116 with underlying mechanisms and metabolism.	Siti Nur Syahirah NOR MAHIRAN	<sup>1</sup> Faculty Of Science And Marine Environment	Malaysia	Nurul Huda ABD KADIR
Basic & translational diabetes research	PE044	Among University teachers, the risk of type 2 diabetes mellitus is high regardless of gender in Darkhan-Uula provinve in Mongolia	Tegshjargal LKHAMDORJ	<sup>1</sup> Darkhan General Hospital	Mongolia	Nandinsuren TSEDEN
Basic & translational diabetes research	PE045	An updated meta-analysis on the association of plasminogen activator inhibitor-1 levels in post-gestational diabetes mellitus	Miljun CATAcata	<sup>2</sup> Angeles University Foundation	Philippines	Miljun CATAcata
Basic & translational diabetes research	PE046	Effects of Petai (Parkia speciosa) fruit extract supplementation on obese adipose tissues in rats.	Emida MOHAMED	<sup>1</sup> University Technology Mara	Malaysia	Emida MOHAMED
Basic & translational diabetes research	PE047	Tocotrienol-Rich Fraction (TRF) and Vitamin C: Impact on Body Mass Index (BMI) and 8-hydroxy-2'-deoxyguanosine (8-OHdG) in Down Syndrome	Maziana MAHAMOOD	<sup>1</sup> Universiti Teknologi Mara (uitm) Selangor Branch, Puncak Alam Campus	Malaysia	Maziana MAHAMOOD
Basic & translational diabetes research	PE048	Association of Serum Ferritin with Inflammatory Markers and Red Meat Intake in Individuals with Type 2 Diabetes	Munkhuchral NORDOG	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Otgonbat ALTANGEREL
Basic & translational diabetes research	PE049	Direct effect of teneligliptin on the brown adipocytes	Kyong Hye JOUNG	<sup>1</sup> Chungnam National University School Of Medicine, <sup>2</sup> Chungnam National University Sejong Hospital	Republic of Korea	Bon Jeong KU
Basic & translational diabetes research	PE050	Factors Influencing Baseline Blood Cortisol Variations among Hospitalized Patients in a Medicine Department	Gireesh DAYMA	<sup>1</sup> Rama Medical College	India	Gireesh DAYMA
Basic & translational diabetes research	PE051	Preventing Diabetes in Gestational Diabetes: What is the dietary culprit?	BARAKATUN-NISAK MOHD YUSOF	<sup>1</sup> Lecturer	Malaysia	BARAKATUN-NISAK MOHD YUSOF
Basic & translational diabetes research	PE052	Serotonin is a novel player in selective hepatic insulin resistance	Jung Eun NAM	<sup>1</sup> Kaist	Republic of Korea	Hail KIM

Basic & translational diabetes research	PE053	MPO Gene Expression in First Trimester RNA Samples from Filipino Pregnant Women	Mariejim Diane LEE	<sup>1</sup> University Of Santo Tomas	Philippines	Mariejim Diane LEE
Basic & translational diabetes research	PE054	Vitamin D ameliorates age-induced nonalcoholic fatty liver disease by increasing the mitochondrial function.	Gyu Hee KIM	<sup>1</sup> National Institute Of Health	Republic of Korea	Joo Hyun LIM
Basic & translational diabetes research	PE055	Determination of serum ferritin levels in Mongolian men and its relationship with serum lipids and glucose	DOLZODMAA BAYBAYAR	<sup>1</sup> Erdenet Medical Hospital	Mongolia	DOLZODMAA BAYBAYAR
Basic & translational diabetes research	PE056	Role of cyclooxygenase 2 (COX2) gene in type 2 diabetes mellitus	Sushma VERMA	<sup>1</sup> University Of Lucknow, <sup>2</sup> Era University	India	Monisha BANERJEE
Basic & translational diabetes research	PE057	Correlation of Resistin with HOMA-IR in Obese and Non-Obese Indonesian Adolescents	Rizki Fajar UTAMI	<sup>1</sup> Faculty Of Medicine Universitas Islam Indonesia	Indonesia	Rizki Fajar UTAMI
Basic & translational diabetes research	PE058	Estimation of salivary -amylase among type 2 diabetics: potential for non-invasive diagnostics	Miljun CACATA	<sup>1</sup> Angeles University Foundation	Philippines	Miljun CACATA
Basic & translational diabetes research	PE059	Melatonin prevents obesity by modulating gut microbiota-derived metabolites in high-fat diet-fed mouse	Hae-Jung KIM	<sup>1</sup> Keimyung University School Of Medicine	Republic of Korea	Jae-Hyung PARK
Basic & translational diabetes research	PE060	Fenugreek (Trigonella foenumgraecum L.) modulates energy metabolism and anti-inflammatory response in diabetes.	Fong Fong LIEW	<sup>1</sup> Faculty Of Dentistry, Mahsa University	Malaysia	Fong Fong LIEW
Basic & translational diabetes research	PE061	A Study of associations between Eating habit and Hypertension in a healthcare Workforce	Undraa BOLDKHUU	<sup>1</sup> Mongolian National University Of Medical Science, <sup>2</sup> Khan Uul District Hospital	Mongolia	Sainbileg SONOMTSEREN
Basic & translational diabetes research	PE062	PDPN-knockdown alleviate islet fibrosis in T2DM mice	Xiaohang WANG	<sup>1</sup> Yangzhou University, <sup>2</sup> Southeast University	China	Xiaohang WANG
Basic & translational diabetes research	PE063	Sialic Acids as Potential Inhibitors against Targeted Proteins for Diabetes: Insight from In Silico Approaches	Der Jiun OOI	<sup>1</sup> Mahsa University	Malaysia	Der Jiun OOI
Basic & translational diabetes research	PE064	Follow-up after direct-acting antiviral therapy in patients with type 2 diabetes and chronic hepatitis C	Mandukhai MUNKHBAATAR	<sup>1</sup> Darkhan General Hospital	Mongolia	Mandukhai MUNKHBAATAR
Basic & translational diabetes research	PE065	The study comparing the HbA1C level among patients with newly diagnosed and chronic diabetes mellitus type 2.	Badamlyankhua GURBAZAR	<sup>1</sup> Darkhan General Hospital	Mongolia	Badamlyankhua GURBAZAR
Basic & translational diabetes research	PE066	Risk factors contributing to type 2 diabetes and its comparisons of laboratory test changes	Bilegzaya GANBOLD	<sup>1</sup> Shastin Third Central Hospital Of Mongolia	Mongolia	Badamlyankhua GURBAZAR
Basic & translational diabetes research	PE067	The characterization of metabolites alterations in TNF- $\alpha$ -induced insulin resistance in 3T3-L1 adipocytes after stevioside treatment by an untargeted metabolomics approach	Norhisham HARON	<sup>1</sup> Universiti Teknologi Mara Selangor (uitm)	Malaysia	Zolkapli ESHAK
Basic & translational diabetes research	PE068	Association between ABO blood type and gestational diabetes mellitus development: an updated meta-analysis	Miljun CACATA	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Basic & translational diabetes research	PE069	The Role of Sociodemographic as a Risk Factor for Metabolic Syndrome: A Population Study from Urban and Rural	Yusuf Ahmad BUDIATMAJA	<sup>1</sup> Leys Business Consultant	Indonesia	Susetyowati SUSETYOWATI
Basic & translational diabetes research	PE070	The Accuracy of Triglyceride-Glucose and Triglyceride-Waist Circumference Indices as Alternative Indicators for Identifying Metabolic Syndrome	Amalia Sarah SHOLIKHATI	<sup>1</sup> Universitas Gadjah Mada	Indonesia	Susetyowati SUSETYOWATI
Basic & translational diabetes research	PE071	The Correlation Between Blood Glucose Level and Liver Lipid Fraction Area after Intervention with Combination Juice of Cucumber, Star Fruit, and Sweet Orange on The Hyperlipidemic Rats Model	Rafik PRABOWO	<sup>1</sup> Region General Hospital Of Rokan Hulu	Indonesia	Rafik PRABOWO
Basic & translational diabetes research	PE072	Effects of dehydroepiandrosterone administration on metabolic homeostasis and antioxidant status after sleeve gastrectomy in male rats	Ankush KUMAR	<sup>1</sup> Shakuntla Hospital And Research Center,	India	Ankush KUMAR

Basic & translational diabetes research	PE073	Hypolipidemic potential of ocosahexaenoic acid in high fat-diet/alloxan-induced diabetes in liver of male rats	Sumit RAJPUT	<sup>1</sup> B V Deemed University	India	Sumit RAJPUT
Basic & translational diabetes research	PE074	Investigating the Role of Circulating Inflammatory Cytokines in the Pathogenesis of Type 1 Diabetes Mellitus: A Comprehensive Basic Research Study	Rini WINARTI	<sup>1</sup> Yogyakarta State University	Indonesia	Rini WINARTI
Basic & translational diabetes research	PE075	The implication of locally-delivered NECA-releasing microspheres on a murine myocardial infarction model	Shibo WEI	<sup>1</sup> Sungkyunkwan University	Republic of Korea	Dongryeol RYU
Basic & translational diabetes research	PE076	Glucagon-Like Peptide Receptor Agonist Inhibits Angiotensin II-Induced Proliferation and Migration in Vascular Smooth Muscle Cells and Ameliorates Phosphate-Induced Vascular Smooth Muscle Cells Calcification	Jinmi LEE	<sup>1</sup> Kangbuk Samsung Hospital, Sungkyunkwan University School Of Medicine	Republic of Korea	Won-Young LEE
Basic & translational diabetes research	PE077	Effects of inhalation of ultrafine particulate matter (PM2.5) during aerobic exercise on high-fat diet-induced impaired glycemic and inflammatory responses.	Jinhan PARK	<sup>1</sup> Inha University	Republic of Korea	Chounghun KANG
Basic & translational diabetes research	PE078	Transcriptional Variation in Adipose Tissue of Morbidly Obesity: Comparing Diabetic and Non-Diabetic Women	Hyemee KIM	<sup>1</sup> Pusan National University	Republic of Korea	Mi Kyung KIM
Basic & translational diabetes research	PE079	Detection of RNA biomarkers and potential regulatory mechanisms and therapeutic focal points for type 1 diabetes through analysis of a competitive endogenous RNA regulatory network.	MD. ZUBBAIR MALIK	<sup>1</sup> Dasman Diabetes Institute	Kuwait	MD. ZUBBAIR MALIK
Basic & translational diabetes research	PE080	Cystatin C: Significance in Cardiovascular Disease among Indian diabetic patients	Asgar ALI	<sup>1</sup> All India Institute Of Medical Sciences	India	Sadhana SHARMA
Basic & translational diabetes research	PE081	Prediction of uncontrolled diabetes mellitus using machine learning algorithms application from research data.	Manvendra SINGH	<sup>1</sup> Hmfa Miet, <sup>2</sup> Hmfa Miet, <sup>1</sup> Hmfa Miet	India	Manvendra SINGH
Basic & translational diabetes research	PE082	Amelioration of Beta-Cell Function, HOMA-1R, HOMA-beta and antioxidant properties from Dipeptidyl Peptidase-IV(CD26) Inhibitors from isoflavones rich fraction of Soybean (Glycine max) for Type 2 Diabetic Mellitus: In-vivo & In-silico	Anand Krishna SINGH	<sup>1</sup> Shri Vaishnav Vidyapeeth Vishwavidyalaya	India	Anand Krishna SINGH
Basic & translational diabetes research	PE083	Nanas Honey Ameliorate Glucose Uptake, Inhibits Adipogenesis in 3T3-L1 Cells and Improves Haematological Indices, Insulin resistance, Metabolic Parameters and Hepatic Steatosis in High Fat Diet Induced Insulin Resistance in Rats	Mohd Normi SEDEK	<sup>1</sup> Ministry Of Works	Malaysia	Suhana SAMAT
Basic & translational diabetes research	PE084	The combination of Pterocarpus marsupium extract and glibenclamide leads to significant ultrastructural and biochemical alterations in a mouse model of diabetes induced by alloxan	Neha SHARMA	<sup>1</sup> Devi Ahilya University	India	Neha SHARMA
Basic & translational diabetes research	PE085	Association between Zinc-Related Genetic Variants and Risks of Diabetes and Other Metabolic Outcomes in Filipino Adults	Vanessa Joy TIMOTEO	<sup>1</sup> Academia Sinica	Taiwan	Vanessa Joy TIMOTEO
Basic & translational diabetes research	PE086	The changes of serum Glucagon like-peptide 1 level in type 2 diabetic patients	Enkhchimeg TSERENDORJ	<sup>1</sup> Darkhan General Hospital	Mongolia	Enkhchimeg TSERENDORJ
Basic & translational diabetes research	PE087	Urban-rural profile of fasting blood glucose of the Ao Nagas of Nagaland, India using the WHO STEP 3 approach for surveillance of NCDs	Dr Imkongtenla PONGEN	<sup>1</sup> Ministry Of Culture	India	Dr Imkongtenla PONGEN
Basic & translational diabetes research	PE088	The therapeutic potential of a phytochemical drug in the treatment of type 2 diabetes	Ayushi DUBEY	<sup>1</sup> Barkatullah University	India	Ayushi DUBEY

Basic & translational diabetes research	PE089	CREBH-C Hepatokine Promotes Triglyceride Clearance and Uptake by Boosting Lipoprotein Lipase Activity	Hyunbae KIM	<sup>1</sup> Wayne State University	United States	Kezhong ZHANG
Basic & translational diabetes research	PE090	Single Nuclei RNA-seq Uncovers Shared and Unique Appetite-Regulating Receptor Expressions in the Neurons of Area Postrema across Mice, Rat and Non-Human Primates	Jung Tae KIM	<sup>1</sup> Korea Advanced Institute Of Science And Technology	Republic of Korea	Minho SHONG
Basic & translational diabetes research	PE091	Single-nucleus RNA-seq reveals common and unique variations of neurons expressing hormonal receptors in the area postrema across rodents and non-human primates.	Jung Tae KIM	<sup>1</sup> Korea Advanced Institute Of Science And Technology	Republic of Korea	Minho SHONG
Clinical diabetes and therapeutics	PE092	Risk of type 2 Diabetes mellitus in COPD and COPD with T2DM and its association with adipokines and gene polymorphism	SEEMA SINGH	<sup>1</sup> King Georges Medical University Lucknow Up India	India	SEEMA SINGH
Clinical diabetes and therapeutics	PE093	Insulin pump therapy in Type 2 diabetes with empagliflozin improved glucose control.	Soobong CHOI	<sup>1</sup> Konkuk University Medical School	Republic of Korea	Soobong CHOI
Clinical diabetes and therapeutics	PE094	The Effect of Consuming Sago to Cholesterol Levels and Waist Circumference as Incidence of Prediabetes ; A Case Study in Kepulauan Meranti Regency, Riau Province	Syartiwidya SYARIFUL	<sup>1</sup> National Research And Innovation Agency	Indonesia	Syartiwidya SYARIFUL
Clinical diabetes and therapeutics	PE095	Efficacy and Safety of Pioglitazone Add-on in Patients with Type 2 Diabetes Mellitus Inadequately Controlled with Metformin and Dapagliflozin: A Multicenter, Randomized, Double-blind, and Placebo-controlled Study	Yun Kyung CHO	<sup>1</sup> Asan Medical Center, University Of Ulsan College Of Medicine, <sup>2</sup> Asan Medical Center	Republic of Korea	Woo Je LEE
Clinical diabetes and therapeutics	PE096	A Longitudinal study of the effect of time restricted meal intake on anthropometric, glycemic markers and lipid parameters in patients of Type 2 diabetes mellitus : A Chronobiological Concept	Smriti RASTOGI	<sup>1</sup> King George's Medical University	India	Smriti RASTOGI
Clinical diabetes and therapeutics	PE097	HEALTHCARE SYSTEM AND CURRENT TREATMENT OF TYPE 2 DIABETES IN UZBEKISTAN	Jamolkhon KAYUMOV	<sup>1</sup> Fergana Regional Endocrinological Centre	Uzbekistan	Jamolkhon KAYUMOV
Clinical diabetes and therapeutics	PE098	Histopathological manifestations of diabetic dermopathy: A single center study at Kathmandu University Hospital	Binod DHAKAL	<sup>1</sup> Kathmandu University Hospital	Nepal	Binod DHAKAL
Clinical diabetes and therapeutics	PE099	Assessing the Interplay between Risky Sexual Behaviors and Incident Type 2 Diabetes Mellitus among HIV-Infected Adults in Jakarta Metro City, Indonesia: A Cross-Sectional Study	Sahnaz Vivinda PUTRI	<sup>1</sup> International University Semen Indonesia	Indonesia	Sahnaz Vivinda PUTRI
Clinical diabetes and therapeutics	PE100	A new discovery on the role of PAK4 in lipid metabolism	Hoang chan YU	<sup>1</sup> Jbnu	Republic of Korea	Byung-hyun PARK
Clinical diabetes and therapeutics	PE101	A meta-analysis of randomized clinical trials on the effect of metformin vs. pioglitazone monotherapy on plasma adiponectin levels	Raphael Enrique TIONGCO	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Clinical diabetes and therapeutics	PE102	Molecular Docking-based Therapeutic Analysis of Curcumin in Diabetes Treatment and Management	Rohan MANDLOI	<sup>1</sup> Ignou	India	Rohan MANDLOI
Clinical diabetes and therapeutics	PE103	Evaluation of Therapeutic Potential of Apigenin in Diabetes Mellitus Prevention and Treatment	Preeti PURANIK	<sup>1</sup> Shri Jain Diwakar Mahavidyalaya	India	Preeti PURANIK
Clinical diabetes and therapeutics	PE104	Impact of Gut Microbiota Diversity on Glucose Regulation and Psychological Health in Type 2 Diabetes Patients: A Prospective Interventional Study	Rifaldy FAJAR	<sup>1</sup> Karlstad University	Sweden	Rifaldy FAJAR
Clinical diabetes and therapeutics	PE105	Clinical evaluation of fenugreek seed extract in patients with type-2 diabetes	Vandana AWASTHI	<sup>1</sup> King George Medical University	India	Vandana AWASTHI
Clinical diabetes and therapeutics	PE106	Association of glutathione S-transferases (GSTT1 and GSTM1) genes polymorphism and its expression with the risk of Gestational Diabetes Mellitus (GDM) in North Indian women population.	AMREEN SHAMSAD	<sup>1</sup> University Of Lucknow	India	MONISHA BANERJEE

Clinical diabetes and therapeutics	PE107	Protective effect of glyburide loaded nanoemulsion in streptozotocin induced type 2 diabetes mellitus in the rodent model via Apoptotic Related Genes and Insulin Signalling Pathway (IRS1/AKT) using Cell-based therapeutics	Niti SINGH	<sup>3</sup> Shuats	India	Niti SINGH
Clinical diabetes and therapeutics	PE108	Comparison of Glimepiride Vs Voglibose as add on to Metformin in Diabetes: A Randomized Open Label Controlled Trial	Jaykaran CHARAN	<sup>1</sup> Aiims Jodhpur	India	Jaykaran CHARAN
Clinical diabetes and therapeutics	PE109	Therapeutic Effects of Switching to Anagliptin from Other DPP-4 Inhibitors in T2DM Patients with Inadequate Glycemic Control: Sub-group analysis of multicenter observational study (SSUG study)	Young-Sang LYU	<sup>1</sup> Chosun University Hospital	Republic of Korea	Sungrae KIM
Clinical diabetes and therapeutics	PE110	The road less taken: A scoping review of the utilisation of hand assessments in individuals with diabetes mellitus	NOOR AZIELLA MOHD NAYAN	<sup>1</sup> Universiti Teknologi Mara, Malaysia	Malaysia	NOOR AZIELLA MOHD NAYAN
Clinical diabetes and therapeutics	PE111	Examining the Impact of Artificial Light At Night (ALAN) on Sleep Quality and Duration in Patients with Metabolic Syndrome: A Comparative Study on Light Pollution as a Zeitgeber	Smriti RASTOGI	<sup>1</sup> King George's Medical University	India	Smriti RASTOGI
Clinical diabetes and therapeutics	PE112	Study of gastric bypass versus gastric restrictive surgery in obese patients with non-alcoholic fatty liver disease	Pardeep KUMAR	<sup>1</sup> F H Medical College & Hospital	India	Pardeep KUMAR
Clinical diabetes and therapeutics	PE113	A prospective study to evaluate the effectiveness of walking in women with gestational diabetes mellitus.	FAYAZ AHMED MUBARAK ALI	<sup>1</sup> Guwahati Medical College	India	FAYAZ AHMED MUBARAK ALI
Clinical diabetes and therapeutics	PE114	The Impact of Meal Timing on Sleep Quality, Duration, and Hormonal Parameters in Patients with Type 2 Diabetes Mellitus	Shiv SRIVASTAV	<sup>1</sup> King George's Medical University	India	Smriti RASTOGI
Clinical diabetes and therapeutics	PE115	Resveratrol: A Potent Phytochemical Drug in Prevention and Therapy of Diabetes	SHIV KUMAR YADAV	<sup>2</sup> Govt Lbs Pg College Sironj, Barkatulla University, Bhopal	India	SHIV KUMAR YADAV
Clinical diabetes and therapeutics	PE116	Sodium-Glucose Transporter-2 as a Therapeutic Target for the Prevention and Treatment of Diabetes	SHIV KUMAR YADAV	<sup>1</sup> Govt Lbs Pg College Sironj, Barkatulla University, Bhopal	India	SHIV KUMAR YADAV
Clinical diabetes and therapeutics	PE117	ASSOCIATION OF DIABETES MELLITUS (DM) - TYPE 2 IN PATIENTS WITH PRIMARY OPEN ANGLE GLAUCOMA (POAG)	Sunita TIMILSINA	<sup>1</sup> Bhim Hospital, Ministry Of Health, Province 5	Nepal	Dakki SHERPA
Clinical diabetes and therapeutics	PE118	Antibiotics use of hospitalized diabetic patients	Otgontsetseg PUREVSED	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Clinical diabetes and therapeutics	PE119	The association between glucagon-like peptide-1 receptor based therapies and the incidence of asthma or chronic obstructive pulmonary disease in patients with type 2 diabetes and/or obesity: A meta-analysis	Mengqing ZHANG	<sup>1</sup> Peking University People's Hospital	China	Xiaoling CAI
Clinical diabetes and therapeutics	PE120	Anti-diabetic agents and the risks of cognitive disorder in patients with type 2 diabetes: a systematic review and network meta-analysis	Zonglin LI	<sup>1</sup> Peking University People's Hospital	China	Xiaoling CAI
Clinical diabetes and therapeutics	PE121	The association between the eGFR slope and cardio-renal prognosis in patients with renoprotective treatments: a systematic review and meta-analysis	Shuzhen BAI	<sup>1</sup> Peking University People's Hospital	China	Xiaoling CAI
Clinical diabetes and therapeutics	PE122	BEHAVIORAL RISK FACTORS AND PREVALENCE OF TYPE 2 DIABETES MELLITUS (T2DM) AND CARDIOVASCULAR DISEASES (CVD) AMONG TEACHERS IN SELECTED SCHOOLS IN QUEZON CITY PHILIPPINES	Kim Leonard DELA LUNA	<sup>1</sup> College Of Public Health, University Of The Philippines Manila	Philippines	Kim Leonard DELA LUNA
Clinical diabetes and therapeutics	PE123	A NEW DAWN BEYOND BASAL INSULIN? Efficacy and safety of Tirzepatide compared to basal insulin in uncontrolled diabetes mellitus: a systematic review, meta-analysis and dose-wise network meta-analysis	Muhammad Aaqib SHAMIM	<sup>1</sup> All India Institute Of Medical Sciences Jodhpur	India	Pradeep DWIVEDI

Clinical diabetes and therapeutics	PE124	Identifying candidate variants associated with dependence on sulfonylureas using UK Biobank	Sunah YANG	<sup>1</sup> Seoul National University Hospital, <sup>2</sup> Seoul National University	Republic of Korea	Hyeseung JUNG
Clinical diabetes and therapeutics	PE125	Health-related Quality of Life and Physical Activity Levels Among Select Older Adults with Diabetes and Hypertension in Angeles City, Philippines	Pia Vanessa BASILIO	<sup>1</sup> Angeles University Foundation, <sup>2</sup> Angeles University Foundation	Philippines	Pia Vanessa BASILIO
Clinical diabetes and therapeutics	PE126	Treatment Patterns and Beta Cell Reserve in Patients with Type 2 Diabetes Mellitus: A Hospital-Based Study	Bilguun ERDENECHULUUN	<sup>1</sup> Mongolian National University Of Medical Science, <sup>2</sup> Central Hospital Of Mongolian National University Of Medical Science	Mongolia	AltaiSaikhan KHASAG
Clinical diabetes and therapeutics	PE127	Deletion mutation in the glutathione s-transferase gene (GSTM1 and GSTT1) and their association with gestational diabetes development: a meta-analysis	Pia Vanessa BASILIO	<sup>1</sup> Angeles University Foundation	Philippines	Pia Vanessa BASILIO
Clinical diabetes and therapeutics	PE128	Therapeutic options of diabetic inpatients of Endomed clinic	Uuganzaya BATBOLD	<sup>1</sup> Endomed Hospital	Mongolia	Sanchir BATBAYAR
Clinical diabetes and therapeutics	PE129	Glycemic control status in newly diagnosed and pre-existing diabetes in Mongolia: Insights from a Nationwide Screening Campaign	Khishignemekh MUNKHBAT	<sup>1</sup> Ulaanbaatar Med Hospital, <sup>2</sup> Mongolian National University Of Medical Sciences	Mongolia	AltaiSaikhan KHASAG
Clinical diabetes and therapeutics	PE130	The impact of probiotics on clinical and metabolic outcomes in individuals diagnosed with Type II Diabetes.	Senthil Kumar SUBRAMANI	<sup>1</sup> Tropilite, <sup>2</sup> Jiwaji University	India	Senthil Kumar SUBRAMANI
Clinical diabetes and therapeutics	PE131	Medical Adherence among Diabetics	Binod RAUT	<sup>1</sup> Kathmandu Medical College	Nepal	Binod RAUT
Clinical diabetes and therapeutics	PE132	Status of Body Mass Index, Blood Pressure and their Determinants among the High School Going Adolescents: A Cross Sectional Study in Pokhara, Western Nepal	Shankar BARAL	<sup>1</sup> Motherland Secondary School	Nepal	Shankar BARAL
Clinical diabetes and therapeutics	PE133	Potential impact of Add on omega 3 fatty acid supplementation on glycaemic profile in T2DM patients	ANJALI SINGH	<sup>1</sup> King George's Medical University	India	ANJALI SINGH
Clinical diabetes and therapeutics	PE134	p21-activated kinase 4 suppresses fatty acid -oxidation and ketogenesis by phosphorylating NCoR1	Hoang chan YU	<sup>1</sup> Jbnu	Republic of Korea	Byung hyun PARK
Clinical diabetes and therapeutics	PE135	Newly diagnosed type 2 Diabetes Mellitus and upper gastrointestinal disease of patients in Darkhan-Uul province, Mongolia	Mandukhai MUNKHBAATAR	<sup>1</sup> Darkhan General Hospital	Mongolia	Mandukhai MUNKHBAATAR
Clinical diabetes and therapeutics	PE136	Factor associated with remission of type-2 diabetes mellitus after bariatric surgery in obese adults: 1 year follow-up of Korean	Mihae SEO	<sup>1</sup> Soonchunhyang University Hospital, Gumi	Republic of Korea	Soon Hyo KWON
Clinical diabetes and therapeutics	PE137	The metabolic storm after the standard meal in diabetes. Can we do better?	Nur Maziah Hanum BINTI OSMAN	<sup>1</sup> Faculty Of Medicine And Health Science, Universiti Putra Malaysia	Malaysia	Barakatun Nisak MOHD YUSOF
Clinical diabetes and therapeutics	PE138	Evaluating the Cardiovascular Outcomes in Type 2 Diabetes Mellitus Patients Treated with DPP-4 Inhibitors: A Systematic Review and Meta-analysis	Aswini SARAVANAN	<sup>1</sup> All India Institute Of Medical Sciences, Jodhpur	India	Shoban Babu VARTHYA
Clinical diabetes and therapeutics	PE139	Association of cluster of differentiation 36 (CD36): a fatty acid transporter gene variant rs1761667 (G>A) with Type 2 Diabetes Mellitus (T2DM) in North Indian Population.	RAZA ANSARI	<sup>1</sup> Sri Jai Narain Misra Pg College	India	RAZA ANSARI



Clinical diabetes and therapeutics	PE140	Omega 3 plus vitamin D or vitamin E co-supplementation in women with gestational diabetes: A meta-analysis	Rao Nargis JAHAN	<sup>1</sup> Jamia Hamdard	India	Rao Nargis JAHAN
Clinical diabetes and therapeutics	PE141	Mobile health intervention on glycemic control and quality of life in type 1 diabetes mellitus: A meta-analytic synthesis	Md AZHARUDDIN	<sup>1</sup> Pharmacology, Jamia Hamdard	India	Md AZHARUDDIN
Clinical diabetes and therapeutics	PE142	Effect of saxagliptin as add-on therapy to metformin in type 2 diabetes mellitus	Rao Nargis JAHAN	<sup>1</sup> Jamia Hamdard	India	Rao Nargis JAHAN
Clinical diabetes and therapeutics	PE143	The Association between Gamma-Glutamyl Transferase (GGT), High-Density Lipoprotein Cholesterol (HDL-C) and GGT/HDL-C Ratio with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis	Made Lady Adelaida PURWANTA	<sup>1</sup> Wangaya Hospital	Indonesia	Made Lady Adelaida PURWANTA
Clinical diabetes and therapeutics	PE144	TyG index is a simple and early predictor of type 2 diabetes in adults with normal glucose tolerance	Ji Hyun BAE	<sup>1</sup> Pusan National University Yangsan Hospital, Pusan National University School Of Medicine	Republic of Korea	Min Jin LEE
Clinical diabetes and therapeutics	PE145	No association between the GST gene GSTP1 genotypes and gestational diabetes mellitus: a meta-analysis of 1306 pregnant women	Raphael Enrique TIONGCO	<sup>1</sup> Angeles University Foundation	Philippines	Raphael Enrique TIONGCO
Clinical diabetes and therapeutics	PE146	Analyzing Neopterin Patterns in COVID-19 Patients with Coinciding Diabetes Mellitus: A Retrospective Study at Saiful Anwar General Hospital, Malang, Indonesia	Dearikha Karina MAYASHINTA	<sup>1</sup> Universitas Brawijaya/dr. Saiful Anwar General Hospital	Indonesia	Agustin ISKANDAR
Clinical diabetes and therapeutics	PE147	Impact of Diabetes on COVID-19 Susceptibility: a Nationwide Propensity Score Matching Study	Han Na JANG	<sup>1</sup> Seoul National University Bundang Hospital	Republic of Korea	Won Young LEE
Clinical diabetes and therapeutics	PE148	Multicenter, Randomized, Double blind, three-arm parallel group study to evaluate efficacy and safety of Alogliptin and Pioglitazone combination therapy on glucose control in type 2 diabetes subjects who have inadequate control with Metformin monotherapy in Korea : The PEAK Trial (The practical Evidence of Antidiabetic Combination therapy in Korea)	Joonyub LEE	<sup>1</sup> Seoul St. Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Kun-Ho YOON
Clinical diabetes and therapeutics	PE149	Trends in prevalence of lean diabetes in Korea over 20 years	Ji MIN KIM	<sup>1</sup> Chungnam National University Sejong Hospital, <sup>2</sup> Chungnam National University College Of Medicine	Republic of Korea	JU HEE LEE
Clinical diabetes and therapeutics	PE150	Distinct metabolic profiles of young-onset type 2 diabetes: Single Center, Cross-sectional study	Il Rae PARK	<sup>1</sup> Yeungnam University Medical Center	Republic of Korea	Hyoung Woo LEE
Clinical diabetes and therapeutics	PE151	Effects of Trigonella foenum graecum seed extract on Oxidative Stress and Hepatic Function in Type 2 Diabetic Patients	Sumit RAJPUT	<sup>1</sup> B V Deemed University	India	Sumit RAJPUT
Clinical diabetes and therapeutics	PE152	Chronotherapeutic Optimization of Metformin Administration for Enhanced Glycemic Control and Insulin Sensitivity in Type 2 Diabetes Patients: A Randomized Controlled Trial	Sahnaz Vivinda PUTRI	<sup>1</sup> International University Semen Indonesia	Indonesia	Sahnaz Vivinda PUTRI
Clinical diabetes and therapeutics	PE153	Effects of calorie restriction diet on blood glucose regulator treatment for patients with post-gastric bypass	Rohit RAJPUT	<sup>1</sup> Shakuntla Hospital And Research Center	India	Rohit RAJPUT
Clinical diabetes and therapeutics	PE154	Study of pharmacological therapy on hydration status and glomerular filtration rate in post-menopausal women with chronic kidney disease	Rohit RAJPUT	<sup>1</sup> Shakuntla Hospital And Research Center,	India	Rohit RAJPUT

Clinical diabetes and therapeutics	PE155	Amelioration of Insulin Resistance After Delivery Is Associated With Reduced Risk of Postpartum Type 2 Diabetes in Women with Gestational Diabetes Mellitus	Heejun SON	<sup>1</sup> Seoul National University Hospital	Republic of Korea	Soo Heon KWAK
Clinical diabetes and therapeutics	PE156	Risk factors of prediabetes among sago consumption communities in Kepulauan Meranti District, Riau Province	TIKA RAHMI SYAHFITRI	<sup>1</sup> Riau Province	Indonesia	TIKA RAHMI SYAHFITRI
Clinical diabetes and therapeutics	PE157	Impact of the Hyperpersonalized Smart Education Platform, Doctorvice for Remote Intensive Care in First Insulin User after Discharge in T2DM patients : Randomized Clinical Study	Jin YU	<sup>1</sup> Seoul Saint Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Jae-Hyoung CHO
Clinical diabetes and therapeutics	PE158	Effects of Rebound Therapy on HbA1c, Quality of Life, and Balance in the Patients with Diabetic Neuropathy	Mahdi HOSSEINI	<sup>1</sup> University Of Isfahan	Iran, Islamic Republic of	Mahdi HOSSEINI
Clinical diabetes and therapeutics	PE159	Difference between interstitial and blood glucose during glucose loading is associated with the degree of insulin resistance in subjects with prediabetes and type 2 diabetes	Doohwa KIM	<sup>1</sup> Pusan National University Hospital, <sup>2</sup> Pusan National University Hospital	Republic of Korea	Sang Soo KIM
Clinical diabetes and therapeutics	PE160	Efficacy and Safety of a Fixed Dose Combination of Dapagliflozin and Linagliptin[AJU-A51] in Patients with Type-2 Diabetes Mellitus: A multi center, Randomized, Double-Blind, parallel group. Placebo-controlled Phase III Study	Jun Hwa HONG	<sup>1</sup> Daejeon Eulji Medical Center, Eulji University	Republic of Korea	Woo Je LEE
Clinical diabetes and therapeutics	PE161	Reduced Severe Hypoglycemia Risk with SGLT2 Inhibitors Compared to DPP4 Inhibitors in Type 2 Diabetes	Eun Sook KIM	<sup>1</sup> Incheon St.mary's Hospital The Catholic University Of Korea	Republic of Korea	Hyuk-Sang KWON
Clinical diabetes and therapeutics	PE162	Real-world discontinuation, persistence, and adherence of glucagon-like peptide 1 receptor agonists among patients with diabetes in Hong Kong	Shun Yan CHOW	<sup>1</sup> The Chinese University Of Hong Kong	Hong Kong	Elaine CHOW
Clinical diabetes and therapeutics	PE163	Elucidation of Dietary Polyphenolics as Potential Inhibitor of tetranectin: A combined approach of in-silico and in-vitro investigation	SAFIKUR RAHMAN	<sup>1</sup> Br Ambedkar Bihar University	India	SAFIKUR RAHMAN
Clinical diabetes and therapeutics	PE164	Association of high ultra processed food consumption and risk of type 2 diabetes mellitus: A Meta-Analysis of Real-world Evidence	Sidra ZAYED	<sup>1</sup> Jamia Hamdard	India	Sidra ZAYED
Clinical diabetes and therapeutics	PE165	Artificial Pancreas System for Patients with Type 2 Diabetes: A Meta-Analysis	Jihee KO	<sup>1</sup> Kangbuk Samsung Hospital, Sungkyunkwan University School Of Medicine	Republic of Korea	Cheol Young PARK
Clinical diabetes and therapeutics	PE166	2 vs. 1: SGLT2 Inhibitor & Thiazolidinedione's Impact on Brain Diseases - Real Clinical Data Insights	Sang Joon PARK	<sup>1</sup> Soonchunhyang University Hospital	Republic of Korea	Hyeong Kyu PARK
Diabetes care & education	PE167	Impact of Diabetes-Related Knowledge, Attitudes, and Practices on Glycemic Control in Type 2 Diabetes: A Comprehensive Study	Saroj THAPA	<sup>1</sup> Kathmandu University School Of Medical Sciences	Nepal	Saroj THAPA
Diabetes care & education	PE168	THE RELATIONSHIPS BETWEEN ACTIVITIES SUPPORTING HEALTH PRODUCT LITERACY AND FOOD CONSUMPTION BEHAVIORS OF SCHOOL AGE CHILDREN WITH RISK FACTORS OF DIABETES IN THAILAND	Thidarat APINYA	<sup>1</sup> Phamacist	Thailand	Thidarat APINYA
Diabetes care & education	PE169	Diabetes: Prevalence and Medical Nutrition Therapy	Nina Marie CABALLERO	<sup>1</sup> University Of The Philippines-Manila	Philippines	Nina Marie CABALLERO
Diabetes care & education	PE170	The Impacts of Physiotherapeutic Interventions on Balance and Mobility in Patients with Diabetes	Reena RANJANA	<sup>2</sup> Uttar Pradesh University Of Medical Sciences	India	Suraj KUMAR
Diabetes care & education	PE171	Machine learning prediction model for depression in patients with diabetes mellitus after COVID-19 pandemic	Haewon BYEON	<sup>1</sup> Inje University	Republic of Korea	Haewon BYEON

Diabetes care & education	PE172	Investigation of risk factors for impaired fasting glucose in middle-aged people living in South Korean communities using machine learning	Haewon BYEON	<sup>1</sup> Inje University	Republic of Korea	Haewon BYEON
Diabetes care & education	PE173	Exploring Factors Affecting Testing for Diabetes Complications During the COVID-19 Pandemic Using Machine Learning	Haewon BYEON	<sup>1</sup> Inje University	Republic of Korea	Haewon BYEON
Diabetes care & education	PE174	Effects of family-based education interventions on glycemic control, self-management, and family support in patients with type 2 diabetes mellitus: a systematic review and meta-analysis	I Gede Gita SASTRAWAN	<sup>1</sup> Uptd Puskesmas I Pekutatan, <sup>2</sup> Udayana University	Indonesia	I Gede Gita SASTRAWAN
Diabetes care & education	PE175	Socioeconomic Factors Related to Diabetes Screening in Indonesia: A National Report Based Study	KADEK AYU ASTUTI	<sup>1</sup> Faculty Of Medicine, Udayana University	Indonesia	KADEK AYU ASTUTI
Diabetes care & education	PE176	Diabetes Screening and Its Relationship with Diabetes Risk Factors by Age Group in Indonesia : A National Health Report Based Study	NI MADE VIDYA PRATIWI	<sup>1</sup> Faculty Of Medicine, Udayana University	Indonesia	NI MADE VIDYA PRATIWI
Diabetes care & education	PE177	ASSOCIATED FACTORS OF TYPE 2 DIABETES MELLITUS IN INDONESIAN ADOLESCENTS	Ramlah RAMLAH	<sup>1</sup> Sulawesi Barat University	Indonesia	Ramlah RAMLAH
Diabetes care & education	PE178	Effect of education on glycemic control after using continuous glucose monitoring system in patients with diabetes	Nayoung CHOI	<sup>1</sup> Korea University Guro Hospital	Republic of Korea	Juneyoung LEE
Diabetes care & education	PE179	What they know and how we help them: A Qualitative Study on Healthcare Professionals Perceptions of Patient Health Literacy and Health Promotion for the Prevention of Diabetic Foot Ulcers	Paul Victor PATINADAN	<sup>1</sup> Nanyang Technological University	Singapore	Andy Hau Yan HO
Diabetes care & education	PE180	Diabetes-related nutrition knowledge and its association with weight status among young adults in a public university.	Nazrul Hadi ISMAIL	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Nazrul Hadi ISMAIL
Diabetes care & education	PE181	Patterns of Insulin Use and Its Cost in Managing Diabetes in Mongolia: Preliminary Results	Enkhtuul BATKHUYAG	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Oyuntugs BYAMBASUKH
Diabetes care & education	PE182	Diabetes Care: The Impact of COVID 19 Pandemic and Economic Status on Diabetes Care in Sudan	Mazin OSMAN	<sup>1</sup> University Of Gezira Faculty Of Medicine	Sudan	Mazin OSMAN
Diabetes care & education	PE183	THE IMPACT OF SOCIAL ENGAGEMENT AMONG COMMUNITY-DWELLING OLDER PEOPLE WITH TYPE II DIABETICS: AN INTERPRETATIVE PHENOMENOLOGICAL ANALYSIS STUDY	Tengku Mohd Asri TENGKU MAKHTAR	<sup>1</sup> Universiti Sains Malaysia, <sup>4</sup> Ministry Of Health Malaysia	Malaysia	Tengku Mohd Asri TENGKU MAKHTAR
Diabetes care & education	PE184	A Parents-Led Diabetes Self-Management Education Program to Improve Diabetes Children Knowledge and Treatment Cohesion	UMAMAHESWARI PAKKIRISAMY	<sup>1</sup> College Of Nursing Rajkiya Medical College, <sup>2</sup> College Of Nursing Rajkiya Medical College, <sup>3</sup> Baba Hospital	India	UMAMAHESWARI PAKKIRISAMY
Diabetes care & education	PE185	The impact of people's purchasing power on healthy food in the increasing the number of diabetics; Case study in Pekanbaru City, Riau Province.	MIKHA MELINA HARAHAHAP	<sup>1</sup> Riau Province	Indonesia	MIKHA MELINA HARAHAHAP
Diabetes care & education	PE186	Assessment of Inappropriate Retesting of Glycated Hemoglobin (HbA1c) in a Tertiary Hospital of Nepal	Saroj THAPA	<sup>1</sup> Kathmandu University School Of Medical Sciences	Nepal	Saroj THAPA
Diabetes care & education	PE187	Estimated cost of CGMS for T1DM patients in Mongolia	ENKHJIN BOLDBAATAR	<sup>1</sup> Endomed Hospital	Mongolia	SAINBILEG SONOMT SEREN
Diabetes care & education	PE188	Direct and in-direct cost of diabetes care among individuals with type 2 diabetes mellitus	Harshi GUNAWARDENA	<sup>1</sup> Wayamba University Of Sri Lanka	Sri Lanka	Harshi GUNAWARDENA
Diabetes care & education	PE189	Human Development and Accessibility for Screening Diabetes: An Analysis of District Level on Java Island	Dagun Raisah Laksmi PRATIWI	<sup>1</sup> Center Of Health Behavior And Promotion	Indonesia	Bagas Suryo BINTORO

Diabetes care & education	PE190	To assess the prevalence of diabetes mellitus and distribution of risk factors individuals aged 20 years and above population	KRATI BHARDWAJ	<sup>1</sup> All India Institute Of Medical Sciences, Patna	India	KRATI BHARDWAJ
Diabetes care & education	PE191	COMPARATIVE STUDY OF FOOD PREPARATION ON PEOPLE WITH DIABETES IN TEMPORARY FLOOD SHELTER IN MALAYSIA	Muhammad Lutfi BIN DAUD	<sup>1</sup> 1. Universiti Putra Malaysia, Faculty Of Architecture And Design	Malaysia	Muhammad Lutfi BIN DAUD
Diabetes care & education	PE192	Impact of the Hyperpersonalized Smart Education Platform for Chronic Disease Management , Doctorvorce on T2DM Management : Randomized Clinical Study	Jin YU	<sup>1</sup> Seoul Saint Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Jae-Hyoung CHO
Diabetes care & education	PE193	UTILIZATION OF DIABETES CARE SERVICES DURING COVID 19-PANDEMIC IN POKHARA METROPOLITAN, NEPAL: A CROSS SECTIONAL STUDY FROM THE PERSPECTIVES OF DIABETES MELLITUS PATIENTS	Sapana BARAL	<sup>1</sup> Gandaki Medical College	Nepal	Sapana BARAL
Diabetes care & education	PE194	EVALUATION ON NURSING HOME COMPLIANCE TOWARDS DIABETES CARE FOR ELDERLY IN KLANG VALLEY, KUALA LUMPUR	Faiz Azim BIN ROSLI	<sup>1</sup> Uitm Puncak Alam, Faculty Of Business Administrative	Malaysia	Faiz Azim BIN ROSLI
Diabetes care & education	PE195	Glucose Control Practices of Patients with Diabetes Mellitus in Angeles City, Philippines: a Cross-Sectional Study	Pia Vanessa BASILIO	<sup>1</sup> Angeles University Foundation	Philippines	Pia Vanessa BASILIO
Diabetes care & education	PE196	Healthy plate diet and physical activity effect during the diabetes school	Unurbayar SUMIYA	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMT SEREN
Diabetes care & education	PE197	Nurturing Healthier Futures: The Empowering Journey of the Sobat Diabet Academy for The Youth	Rudy KURNIAWAN	<sup>1</sup> Sobat Diabet Community	Indonesia	Rudy KURNIAWAN
Diabetes care & education	PE198	Development of digital education materials for women with hyperglycaemia in pregnancy	Harshi GUNAWARDENA	<sup>1</sup> Wayamba University Of Sri Lanka	Sri Lanka	Harshi GUNAWARDENA
Diabetes care & education	PE199	An integrative review of diabetes care on middle-aged and older women with type 2 diabetes	You Lee YANG	<sup>1</sup> Eulji University	Republic of Korea	You Lee YANG
Diabetes care & education	PE200	Development of a Personalized Dietary Advice Website as a Solution to Reduce Food Waste for Individuals with Diabetes	Fredy ESTOFANY	<sup>1</sup> Fatmawati General Hospital, <sup>2</sup> Gizi Diabetes Indonesia	Indonesia	Fredy ESTOFANY
Diabetes care & education	PE201	Development of a Personalized Dietary Advice Website as a Solution to Reduce Food Waste for Individuals with Diabetes	Fredy ESTOFANY	<sup>1</sup> Fatmawati General Hospital, <sup>2</sup> Gizi Diabetes Indonesia	Indonesia	Fredy ESTOFANY
Diabetes care & education	PE202	Deciding the measures on most influential determinants of Diabetes prevention among mothers and children in underprivileged community: Evidence using a health promotion approach in Sri Lanka.	Naradi BADUGE	<sup>1</sup> Faculty Of Applied Sciences, Rajarata University Of Sri Lanka	Sri Lanka	Naradi BADUGE
Diabetes care & education	PE203	Efficacy of Diabetes Self-Care Education and Support in India's Fight Against the Disease	Sandhya VERMA	<sup>1</sup> Shri Vaishnav Institute Of Science, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, Madhya Pradesh, India	India	Sandhya VERMA
Diabetes care & education	PE204	Comparison of Dietary Characteristics and Glycemic Control in Nepalese patients with Type 2 Diabetes Mellitus Predominantly consuming two separate staple diets: Dhido and Roti/Rice	SANTOSH TIMALSINA	<sup>1</sup> Chitwan Medical College	Nepal	SANTOSH TIMALSINA
Diabetes care & education	PE205	Association of Mental Health Conditions with Suicide Risk Among Patients with Type 2 Diabetes: A Nationwide Population-based Cohort Study	Han-Sang BAEK	<sup>1</sup> Uijeongbu St. Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Seung-Hwan LEE
Diabetes care & education	PE206	Comprehensive Community Health Screenings: A Holistic Approach to Diabetes Care and Education	Satyaprakash TIWARI	<sup>1</sup> Diabetes Singapore	Singapore	Satyaprakash TIWARI
Diabetes care & education	PE207	Necessity of education on continuous glucose monitoring in type 1 patients with hypoglycemia insensitivityobjective	Misun YU	<sup>1</sup> Soonchunhyang University Bucheon Hospital	Republic of Korea	Misun YU

Diabetes complications-basic & translational	PE208	The effect of Glycerol blanked triglyceride assays on calculated LDL-Cholesterol levels in patients with diabetes mellitus- A cross-sectional study	SOJIT TOMO	<sup>1</sup> All India Institute Of Medical Sciences, Jodhpur	India	SOJIT TOMO
Diabetes complications-basic & translational	PE209	Deciphering the role of oxidative stress in the progression of Diabetes Mellitus to Diabetes Nephropathy.	Anveshika MANOJ	<sup>1</sup> King George's Medical University	India	Mohammad Kaleem AHMAD
Diabetes complications-basic & translational	PE210	The Complexity of Diabetic Foot Problem Screening and Management: Serial Case	Winda Atika SARI	<sup>1</sup> Faculty Of Medicine Of Universitas Sebelas Maret/ Universitas Sebelas Maret Hospital	Indonesia	Eva NIAMUZISILAWATI
Diabetes complications-basic & translational	PE211	Role of Thioredoxin-Interacting Protein in Diabetic Fatty Kidney	Hong SUN	<sup>1</sup> Dushu Lake Hospital Affiliated To Soochow University, Medical Center Of Soochow University	China	Hong SUN
Diabetes complications-basic & translational	PE212	Overweight, obesity and dietary practices among adolescents aged: A cross-sectional online survey in central region of Malaysia.	Nur Shazwaniza Binti YAHYA	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Zamzaliza ABDUL MULUD
Diabetes complications-basic & translational	PE213	Beneficial effects of Trigonella foenum-graecum (fenugreek) extract on metabolic and hemorheological parameters in diabetic aging male rats	Pardeep KUMAR	<sup>1</sup> F H Medical College & Hospital	India	Pardeep KUMAR
Diabetes complications-basic & translational	PE214	Study of vitamin D levels, pancreatobiliary diseases factors and inflammation data in school going adolescents relation to non-alcoholic fatty liver disease patients	Pardeep SHARMA	<sup>1</sup> S N Medical College And Hospital	India	Pardeep SHARMA
Diabetes complications-basic & translational	PE215	Adiponectin as prophecy biomarker in the advancement of diabetes nephropathy	Deeksha CHAHAR	<sup>1</sup> King George's Medical University	India	Gyanendra KUMAR SONKAR
Diabetes complications-basic & translational	PE216	Severe depression in T2DM patients: A higher risk in women	POONAM SAHU	<sup>1</sup> King George's Medical University	India	POONAM SAHU
Diabetes complications-basic & translational	PE217	Antifibrotic effect of mefloquine, an antimalarial medicine, on renal fibrosis.	YEO JIN HWANG	<sup>1</sup> Daegu Gyeongbuk Institute Of Science And Technology	Republic of Korea	KYEONG-MIN LEE
Diabetes complications-basic & translational	PE218	Association of GLUT-1 (Xbal) Gene Polymorphism in Type 2 Diabetes Mellitus and Diabetes Nephropathy Patients of North Indian Population	Durgesh KUMAR	<sup>1</sup> King Georges Medical University	India	Mohammad Kaleem AHMAD
Diabetes complications-basic & translational	PE219	Metixene hydrochloride hydrate inhibits TGF-beta-induced renal fibrosis	KYEONG-MIN LEE	<sup>1</sup> Daegu Gyeongbuk Institute Of Science And Technology	Republic of Korea	KYEONG-MIN LEE
Diabetes complications-basic & translational	PE220	Role of mucin-1 in diabetic neuropathy in Type 2 Diabetes	Hye Min SHIM	<sup>1</sup> Keimyung University School Of Medicine, <sup>2</sup> Keimyung University Dongsan Hospital	Republic of Korea	Jae-Hyung PARK
Diabetes complications-basic & translational	PE221	Role of protein z in hypercoagulable state in type 2 diabetes	Hae-Jung KIM	<sup>1</sup> Keimyung University School Of Medicine	Republic of Korea	Jae-Hyung PARK
Diabetes complications-basic & translational	PE222	A random forest algorithm-based discovery of hepatokine as biomarker of NASH	TAM DAO	<sup>1</sup> Sungkyunkwan University, School Of Medicine	Republic of Korea	DONGRYEOL RYU
Diabetes complications-basic & translational	PE223	Characterizing Diurnal Fluctuations in Gut Microbiota Composition: Insights into Temporal Patterns, Disrupted Rhythms, and Potential Links to Metabolic Dysregulation in Type 2 Diabetes Mellitus	Prihantini PRIHANTINI	<sup>1</sup> Yogyakarta State University	Indonesia	Prihantini PRIHANTINI
Diabetes complications-basic & translational	PE224	Relationships between IMT and diabetic complications in Mongolian patients with type 2 diabetes mellitus	Oyunsaikhan SHIIPERLII	<sup>1</sup> Darkhan General Hospital	Mongolia	Orgil SENGERAGCHAA
Diabetes complications-clinical & epidemiology	PE225	Is Diabetes a Predictor of Mortality in Hemodialysis Patients with Cardiovascular Disease?	Mega FEBRIANORA	<sup>1</sup> Hasan Sadikin General Hospital	Indonesia	Mega FEBRIANORA

Diabetes complications-clinical & epidemiology	PE226	Predictors of breastfeeding self-efficacy among Gestational Diabetes Mellitus mothers in Malaysia: A Cross Sectional	SYAHRUL BARIAH ABDUL HAMID	<sup>1</sup> Universiti Teknologi Mara	Malaysia	SYAHRUL BARIAH ABDUL HAMID
Diabetes complications-clinical & epidemiology	PE227	Neopterin and anemia in patients with type 2 diabetes and early stages of chronic kidney disease	Ivan PCHELIN	<sup>1</sup> Saint Petersburg State University	Russian Federation	Ivan PCHELIN
Diabetes complications-clinical & epidemiology	PE228	Role of fibroblast growth factor-23 in progression of chronic kidney disease in patients with diabetes mellitus	Volha VASILKOVA	<sup>1</sup> Gomel State Medical University	Belarus	Volha VASILKOVA
Diabetes complications-clinical & epidemiology	PE229	Insulin Resistance as a Predictor of Mortality in Diabetic and non-diabetic Breast Cancer Patients: A UK Biobank Study	Javad ALIZARGAR	<sup>1</sup> Kashan Medical University	Iran, Islamic Republic of	Javad ALIZARGAR
Diabetes complications-clinical & epidemiology	PE230	Metabolic Syndrome (MetS) and Type 2 Diabetes Mellitus among Filipino Adults	Cherry Ann DURANTE	<sup>1</sup> Emilio Aguinaldo College, <sup>2</sup> University Of Perpetual Help - Dr Jose G Tamayo Medical University	Philippines	Cherry Ann DURANTE
Diabetes complications-clinical & epidemiology	PE231	Impact of type 1 diabetes on prolongation of QTc interval in children: A Systematic Review and Meta-Analysis	Kapil KHANAL	<sup>1</sup> Tribhuvan University	Nepal	Kapil KHANAL
Diabetes complications-clinical & epidemiology	PE232	Pathogenesis of electrolyte imbalance including sodium and potassium levels present in patients with uncontrolled diabetes in a tertiary care hospital	SAMIR SINGH	<sup>1</sup> Kist Medical College And Teaching Hospital	Nepal	SAMIR SINGH
Diabetes complications-clinical & epidemiology	PE233	Urine glucose excretion in response to an oral glucose tolerance test is attenuated in women: a multi-center cross-sectional study	Juan CHEN	<sup>1</sup> Jiangsu Province Hospital Of Chinese Medicine	China	Jiangyi YU
Diabetes complications-clinical & epidemiology	PE234	Prediction of bone resection of presepsin in diabetic foot ulcer	Eun Yeong HA	<sup>1</sup> Yeungnam University	Republic of Korea	Jun Sung MOON
Diabetes complications-clinical & epidemiology	PE235	Coronavirus in diabetes with superadded mucormycosis attack -a case series	Dexton JOHNS	<sup>1</sup> Twins Medicity Hospital	India	Dexton JOHNS
Diabetes complications-clinical & epidemiology	PE236	The Association between Perceived Body Image and Dysglycemia in Korean Adult Population	Suji YOO	<sup>1</sup> Gyeongsang National University Changwon Hospital	Republic of Korea	Jong Ha BAEK
Diabetes complications-clinical & epidemiology	PE237	Determinants of Hand Function in Patients with Type-2 Diabetes Mellitus (T2DM)	AHMAD CHE DAUD	<sup>1</sup> Universiti Teknologi Mara	Malaysia	AHMAD CHE DAUD
Diabetes complications-clinical & epidemiology	PE238	The Prevalence and Risk Factors of Chronic Kidney Disease amongst Type 2 Diabetes at Cambodia Korea Diabetes Center	MALINEAT UNG	<sup>1</sup> Cambodia-Korea Diabetes Center	Cambodia	MALINEAT UNG
Diabetes complications-clinical & epidemiology	PE239	Prevalence's of overweight and obesity among type 2 Diabetes Mellitus with insulin therapy in primary health care Malaysia: A population cross-sectional descriptive study	Nur Shazwaniza Binti YAHYA	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Zamzaliza ABDUL MULUD
Diabetes complications-clinical & epidemiology	PE240	Prevalence and determinants of depression among type 2 diabetes mellitus patients with insulin therapy at primary health care in Malaysia: A cross sectional study.	Nur Shazwaniza Binti YAHYA	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Nur Shazwaniza Binti YAHYA
Diabetes complications-clinical & epidemiology	PE241	Morbidity and Mortality Patterns in Diabetic Kidney Disease based on KDIGO stratification	Seung Eun LEE	<sup>1</sup> Dongguk University Ilsan Hospital	Republic of Korea	Kyoung-Ah KIM
Diabetes complications-clinical & epidemiology	PE242	Long-term effectiveness of the national diabetes quality assessment program in South Korea	Kyoung Hwa HA	<sup>1</sup> Ajou University School Of Medicine	Republic of Korea	Dae Jung KIM
Diabetes complications-clinical & epidemiology	PE243	Diabetes and other metabolism related adverse events reported after the use of COVID-19 vaccines: A descriptive study	Rimple Jeet KAUR	<sup>1</sup> All India Institution Of Medical Sciences	India	Rimple Jeet KAUR
Diabetes complications-clinical & epidemiology	PE244	Risk factor of worsening kidney function in elderly Veteran population according to glycemic status	Jin Seon JEONG	<sup>1</sup> Veterans Health Service Medical Center	Republic of Korea	Jin Seon JEONG

Diabetes complications-clinical & epidemiology	PE245	Diabetic foot ulcer: 6 years follow-up study	Telmen BOLDBAATAR	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Diabetes complications-clinical & epidemiology	PE246	HbA1C variability and the risk of renal progression in type 2 diabetes mellitus	So-hyeon HONG	<sup>1</sup> Ewha Womans University School Of Medicine	Republic of Korea	Hyejin LEE
Diabetes complications-clinical & epidemiology	PE247	Metabolic dysfunction-associated steatotic liver disease increases the risk of incident cardiovascular disease : A nationwide cohort study	Joon Ho MOON	<sup>1</sup> Seoul National University Bundang Hospital	Republic of Korea	Won KIM
Diabetes complications-clinical & epidemiology	PE248	Handgrip Strength Dynamics Pre- and Post-Dialysis in Diabetic Patients: Implications for Nutritional Status and Overall Well-being	Munkh-Od BATTSOGT	<sup>1</sup> First Central Hospital Of Mongolia, <sup>2</sup> Mongolian National University Of Medical Science	Mongolia	Oyuntugs BYAMBASUKH
Diabetes complications-clinical & epidemiology	PE249	The association between blood pressure reduction mediated by blood pressure lowering agents and the risk of peripheral arterial disease: a systematic review and meta-analysis of randomized controlled trial	Ruoyang JIAO	<sup>1</sup> Peking University People's Hospital	China	Xiaoling CAI
Diabetes complications-clinical & epidemiology	PE250	Optimal LDL cholesterol levels in young and old patients with type 2 diabetes for secondary prevention of cardiovascular diseases are different	Chaiho JEONG	<sup>1</sup> College Of Medicine, The Catholic University Of Korea, Seoul, Republic Of Korea	Republic of Korea	Hyuk-Sang KWON
Diabetes complications-clinical & epidemiology	PE251	Complete Blood Count Parameters in Type 2 Diabetes Mellitus: A Matched Case-Control Study	Su YA	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Otgonbat ALTANGEREL
Diabetes complications-clinical & epidemiology	PE252	Cardiac autonomic neuropathy screening in diabetic patients	Sainbileg SONOMTSEREN	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Diabetes complications-clinical & epidemiology	PE253	Diabetes mellitus and Orthostatic hypotention	Jagdag ENKHBAATAR	<sup>1</sup> Mnums	Mongolia	Sainbileg SONOMTSEREN
Diabetes complications-clinical & epidemiology	PE254	Association of Metabolic Dysfunction-Associated Fatty Liver Disease with Brain White Matter Changes and Cognitive Decline: A longitudinal cohort study	Inha JUNG	<sup>1</sup> Korea University College Of Medicine	Republic of Korea	Ji Hee YU
Diabetes complications-clinical & epidemiology	PE255	The Metabolic Characteristics and Carotid Intima-media Thickness of Lean Metabolic Dysfunction Associated Steatotic Liver Disease in Patients with Type 2 Diabetes Mellitus	Youngjoon KIM	<sup>1</sup> Inha University College Of Medicine	Republic of Korea	So Hun KIM
Diabetes complications-clinical & epidemiology	PE256	Diabetic kidney disease, cerebral structural changes, and cognitive decline	Inha JUNG	<sup>1</sup> Korea University College Of Medicine	Republic of Korea	Ji Hee YU
Diabetes complications-clinical & epidemiology	PE257	Wound, Ischemia, and foot Infection (WIFI) classification for risk stratification in diabetic foot ulcer patients: A systematic review and meta-analysis	I HERIWIJAYA	<sup>1</sup> Udayana University Hospital, <sup>1</sup> Udayana University Hospital, <sup>1</sup> Udayana University Hospital	Indonesia	I HERIWIJAYA
Diabetes complications-clinical & epidemiology	PE258	Healing From Within: Efficacy and Safety of Stem Cells in Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis	Abhishek ANIL	<sup>1</sup> All India Institute Of Medical Sciences, Jodhpur	India	Surjit SINGH
Diabetes complications-clinical & epidemiology	PE259	FACTORS ASSOCIATED WITH FOOT ULCER AMONG PATIENTS WITH TYPE 2 DIABETES ATTENDING CAMBODIA-KOREA DIABETES CENTER OF CAMBODIA-CHINA FRIENDSHIP PREAH KOSSAMAK HOSPITAL	Panha MEN	<sup>1</sup> Cambodia-China Friendship Preah Kossamak Hospital	Cambodia	Por IR
Diabetes complications-clinical & epidemiology	PE260	A Meta-Analytic Synthesis of Metformin for Advanced or Inoperable Non-Small Cell Lung Cancer in Patients with and without Diabetes	Md AZHARUDDIN	<sup>1</sup> Pharmacology, Jamia Hamdard	India	Md AZHARUDDIN
Diabetes complications-clinical & epidemiology	PE261	ACUTE GLYCEMIC VARIABILITY AS THE RISK FACTOR FOR MORTALITY IN DIABETES MELLITUS TYPE 2 (T2DM) PATIENT WITH SEPSIS: PROSPECTIVE OBSERVATIONAL STUDY	Burhan GUNAWAN	<sup>1</sup> Sumber Waras Hospital, West Jakarta, Indonesia	Indonesia	Burhan GUNAWAN
Diabetes complications-clinical & epidemiology	PE262	Reasons for hospitalization among patients with type 2 diabetes in Cambodia-Korea Diabetes Center from January 1 to June 30, 2023	Videm CHEA	<sup>1</sup> Cambodia-Korea Diabetes Center	Cambodia	Videm CHEA

Diabetes complications-clinical & epidemiology	PE263	The risk of cardiovascular disease according to the disabilities in patients with type 2 diabetes	Jin Hyung JUNG	<sup>1</sup> Sungkyunkwan University School Of Medicine	Republic of Korea	Kyungdo HAN
Diabetes complications-clinical & epidemiology	PE264	Sex differences in the prevalence and factors associated with metabolic syndrome in the general population of Mongolia	Lkham-Erdene BYAMBADOO	<sup>1</sup> Ministry Of Health	Mongolia	Lkham-Erdene BYAMBADOO
Diabetes complications-clinical & epidemiology	PE265	Disparities in treatment targets attainment and medication use in a multi-ethnic population with Type 2 Diabetes in Malaysia	Yubi MAMIYA	<sup>1</sup> Princeton University	United States	Lee-Ling LIM
Diabetes complications-clinical & epidemiology	PE266	Predictive model to classify Early-Onset vs Late-Onset Type 2 Diabetes	Yubi MAMIYA	<sup>1</sup> University Of Malaya	Malaysia	Yubi MAMIYA
Diabetes complications-clinical & epidemiology	PE267	Different associations between lipid levels and risk of heart failure according to the progression of diabetes	Seung-Hwan LEE	<sup>1</sup> Seoul St. Mary's Hospital, College Of Medicine, The Catholic University Of Korea, <sup>2</sup> College Of Medicine, The Catholic University Of Korea	Republic of Korea	Mee Kyong KIM
Diabetes complications-clinical & epidemiology	PE268	Correlation of Glycemic control with severity of Chronic small Vessel Ischemic Disease in Brain MRI of Diabetic patients.	Bigyan PAUDEL	<sup>1</sup> Chitwan Medical College	Nepal	Bigyan PAUDEL
Diabetes complications-clinical & epidemiology	PE269	Associations between alcohol consumption and cause-specific mortalities in metabolic dysfunction-associated fatty liver disease (MAFLD) patients: a nationwide population-based study	So Hyun CHO	<sup>1</sup> Samsung Medical Center	Republic of Korea	Jae Hyeon KIM
Diabetes complications-clinical & epidemiology	PE270	Fasting Glucose Level and Cardiovascular Outcomes According to Menopausal Status: A Nationwide Population-Based Study	KYUHO KIM	<sup>1</sup> The Catholic University Of Korea, St. Vincent's Hospital	Republic of Korea	JAE-SEUNG YUN
Diabetes complications-clinical & epidemiology	PE271	Endothelial Nitric Oxide Synthase rs2070744 T/C Gene Polymorphism With Risk of Coronary Artery Disease in Population With Type 2 Diabetes : Update Meta-analysis	William DJAUHARI	<sup>1</sup> Eka Hospital Bsd	Indonesia	Bisuk SILALAH
Diabetes complications-clinical & epidemiology	PE272	Microvascular Complications in Newly Diagnosed Type 1 Diabetes Mellitus: A Cross-Sectional Study of Retinopathy, Neuropathy, and Nephropathy	Rini WINARTI	<sup>1</sup> Yogyakarta State University	Indonesia	Rini WINARTI
Diabetes complications-clinical & epidemiology	PE273	TCF7L2 Gene Polymorphism and Gestational Diabetes Mellitus Among Pregnant Women in Nepal: Clinical Implications and Risk Assessment	Santosh KHANAL	<sup>1</sup> Nova International Diagnostics	Nepal	Santosh KHANAL
Diabetes complications-clinical & epidemiology	PE274	The incidence of lower extremity amputations in South Korea, 2003-2021	Ja Young JEON	<sup>1</sup> Ajou University School Of Medicine	Republic of Korea	Kwan Woo LEE
Diabetes complications-clinical & epidemiology	PE275	Association between fatty liver index and incident diabetes according to alcohol consumption status in young people	Jin YU	<sup>1</sup> Seoul Saint Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Seung-Hwan LEE
Diabetes complications-clinical & epidemiology	PE276	Association between Metabolic syndrome and Suicide: A Nationwide Population-based Cohort Study	Ye Bin PARK	<sup>1</sup> Soongsil University	Republic of Korea	Kyungdo HAN
Diabetes complications-clinical & epidemiology	PE277	percentage of diabetic nephropathy among type 2 diabetes patients admitted in Cambodia-Korea Diabetes Center (CKDC) from January 1 to June 30, 2023	Sreymey SENG	<sup>1</sup> Cambodia-China Friendship Preah Kossamak Hospital	Cambodia	Sreymey SENG
Diabetes complications-clinical & epidemiology	PE278	Metabolic Syndrome, Obesity, and Their Association with Moyamoya Vasculopathy in the Young adults	Joonyub LEE	<sup>1</sup> Seoul St. Mary's Hospital, College Of Medicine, The Catholic University Of Korea	Republic of Korea	Jang Won SON
Diabetes complications-clinical & epidemiology	PE279	Risk factors for diabetic retinopathy: The Korea National Health and Nutrition Examination Survey	Jisun LIM	<sup>3</sup> Retimark	Republic of Korea	Se Joon WOO
Diabetes complications-clinical & epidemiology	PE280	Remnant-C predicts risk of developing end-stage renal disease in patients with type 2 Diabetes	Eun ROH	<sup>1</sup> Hallym University College Of Medicine	Republic of Korea	Jun Goo KANG



Diabetes complications-clinical & epidemiology	PE281	Associations Between Type 2 Diabetes and Suicide Risk; A Nationwide Population-Based Cohort Study	Yunjung CHO	<sup>1</sup> Incheon St. Mary's Hospital, <sup>4</sup> The Catholic University	Republic of Korea	Jae-Seung YUN
Diabetes complications-clinical & epidemiology	PE282	Association between weight-adjusted waist index and muscle strength	Jung A KIM	<sup>1</sup> Daejin Medical Center, Bundang Jesaeng Hospital	Republic of Korea	Jung A KIM
Diabetes complications-clinical & epidemiology	PE283	The Association Between Lipid Profile and Diabetic Retinopathy: A Systematic Review and Meta-Analysis	Ni Putu Ayu Pande Arista DEWI	<sup>1</sup> Bali Mandara Eye Hospital	Indonesia	Ni Putu Ayu Pande Arista DEWI
Diabetes complications-clinical & epidemiology	PE284	Effect of hypoglycemia during dialysis on atherosclerotic cardiovascular disease in patients with diabetes	In Sun GOAK	<sup>1</sup> Jeonbuk National University Hospital	Republic of Korea	Kyung Ae LEE
Diabetes complications-clinical & epidemiology	PE285	Diffusion Tensor Imaging of the Tibial Nerve Can Detect Nerve Damage in Type 2 Diabetes	Hyeong-Kyu PARK	<sup>1</sup> Soonchunhyang University Hospital	Republic of Korea	Hyeong-Kyu PARK
Diabetes complications-clinical & epidemiology	PE286	Gender differences in baseline risk factors, treatment, and target attainment among patients with type 2 diabetes in Malaysia: an analysis of the MeLODY dataset	Tinney MAK	<sup>1</sup> Princeton University	United States	Lee-Ling LIM
Diabetes complications-clinical & epidemiology	PE287	Elevated Frequency of MODY Genetic Variants in Diabetes in Pregnancy: Insights from the UK Biobank	Jeongeun LEE	<sup>1</sup> Seoul National University Hospital	Republic of Korea	Soo-Heon KWAK
Diabetes complications-clinical & epidemiology	PE288	The risk of type 2 diabetes and persistent hypertriglyceridemia across subgroups	MIN KYUNG LEE	<sup>1</sup> Myongji Hospital, Hanyang University College Of Medicine	Republic of Korea	MIN KYUNG LEE
Others (basic & translational)	PE289	Investigating Metabolic Pathways and Metabolite Expression Changes in Obese Individuals during a Weight Management Program	Norazmir MD NOR	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Norazmir MD NOR
Others (basic & translational)	PE290	Fructose induced augmentation of hepatic protein synthesis contributes to de novo lipogenesis in non-alcoholic fatty liver disease (NAFLD)	Sana RAZA	<sup>1</sup> Sanjay Gandhi Postgraduate Institute Of Medical Sciences	India	Sana RAZA
Others (basic & translational)	PE291	Implementation realities of mHealth integrated model of hypertension, diabetes and antenatal care in primary health care facilities in Nepal	Sulata KARKI	<sup>1</sup> Dhulikhel Hospital Kathmandu University Hospital	Nepal	Sulata KARKI
Others (basic & translational)	PE292	A Comparison of Female Students Who Live at Home vs. in Hostels Based on Chronotype for Depression, Anxiety, and Stress	PREETI GUPTA	<sup>1</sup> King Georges Medical University	India	PREETI GUPTA
Others (basic & translational)	PE293	Targeting Extracellular RNA Mitigates Hepatic Lipotoxicity and Liver Injury in NASH	Archana TEWARI	<sup>1</sup> Sanjay Gandhi Post Graduate Institute Of Medical Sciences	India	Rohit SINHA
Others (basic & translational)	PE294	ATF5 Modulates Brown Adipose Tissue Thermogenesis and Differentiation under Cold Exposure	Hyo Ju JANG	<sup>1</sup> Chungnam National University School Of Medicine, <sup>2</sup> Chungnam National University School Of Medicine	Republic of Korea	Hyon-Seung YI
Others (basic & translational)	PE295	Exploring emerging threat of Non-Communicable Diseases (NCDs) with special focus on Diabetes in tribal population in developing country: A community based study through Health Belief Model	Priti SOLANKY	<sup>1</sup> Gmers Medical College, Valsad	India	Priti SOLANKY
Others (basic & translational)	PE296	Biological Potential And Therapeutic Effectiveness Of Paeonol Against High Blood Pressure And Heart Failure (HF) In Medicine With Their Underline Molecular Mechanism	Dinesh Kumar PATEL	<sup>1</sup> Faculty Of Health Science, Shuats, India	India	Dinesh Kumar PATEL
Others (basic & translational)	PE297	Effect of Imeglimin on NLRP3 inflammasome activation in macrophages	Jiyeon LEE	<sup>1</sup> Ajou University School Of Medicine	Republic of Korea	Seung Jin HAN
Others (basic & translational)	PE298	Serum/cord blood levels and mRNA expression of cytokines and adipokines in adipose tissue and placenta in pregnant women with GDM and mice with high fat diet	Joung Youl LIM	<sup>1</sup> Chungnam National University Hospital	Republic of Korea	Hyun Jin KIM

Others (basic & translational)	PE299	The Role of Creatine During Liver Regeneration After Partial Hepatectomy	NGUYEN THI LINH	<sup>1</sup> Chungnam National University School Of Medicine, <sup>2</sup> Chungnam National University School Of Medicine	Republic of Korea	YI HYON-SEUNG
Others (basic & translational)	PE300	Mitochondrial carrier, SLC25A33, mediates M1 macrophage polarization through mtDNA synthesis and cytosolic release	Jonghwa JIN	<sup>1</sup> Kyungpook National University Hospital	Republic of Korea	Keun-Gyu PARK
Others (basic & translational)	PE301	Functional Food Seaweed Caulerpa lentillifera As Natural Anti-Diabetic Agent	Mohamad Fauzi MAHMUD	<sup>1</sup> University Malaysia Terengganu	Malaysia	Mohamad Fauzi MAHMUD
Others (basic & translational)	PE302	Exploring the Potential of Parkia speciosa Pod Extract for Diabetes Prevention: Antioxidant Activity and Suppression of Adipogenesis in 3T3-L1 Adipocytes	ANAS ABDULLAH	<sup>1</sup> Universiti Teknologi Mara	Malaysia	NORHISHAM HARON
Others (basic & translational)	PE303	Effects of irisin on the islet stellate cells activation and its mechanisms	Qianqian WANG	<sup>1</sup> Southeast University	China	Zilin SUN
Others (basic & translational)	PE304	Considerations for mHealth intervention development: Lessons learned from two diabetes education apps	Anita PIENKOWSKA	<sup>1</sup> Nanyang Technological University	Singapore	Anita PIENKOWSKA
Others (basic & translational)	PE305	Attenuation of anxiety and depression-like behaviors associated with diabetes by naringin through modulating Nrf2/ARE pathway	Ekta YADAV	<sup>1</sup> Sam Higginbottom University Of Agriculture Technology And Sciences	India	Ekta YADAV
Others (basic & translational)	PE306	Mineral contents in edible parts of mud crabs from Malaysia for the diet consumed by diabetes patients	Nur Syafinaz MOHD RAZALI	<sup>1</sup> Universiti Malaysia Terengganu	Malaysia	Nur Syafinaz MOHD RAZALI
Others (basic & translational)	PE307	Effects of polyphenols from Parkia speciosa extract on anthropometrical parameters in high-fat diet induced obesity in rats: A preliminary study on diabetes prevention	Nur Dayana HASSAN CHEONG	<sup>1</sup> Faculty Of Health Sciences, Universiti Teknologi Mara, Selangor Branch, Puncak Alam Campus, Puncak Alam, Selangor, Malaysia.	Malaysia	Emida MOHAMED
Others (basic & translational)	PE308	Unexplored Agro-industrial Residues of Malaysian Fruits as A Potential Sources for Formulating Nutraceuticals and Functional Food	Suhana SAMAT	<sup>1</sup> Universiti Sains Malaysia, <sup>2</sup> Universiti Sains Malaysia, <sup>3</sup> Universiti Sains Malaysia	Malaysia	Jalipah LATIP
Others (basic & translational)	PE309	Hepatoprotective Effects Of White Sesame Oil Extract In Cholesterol Diet Induced Hyperlipidemia In Male Rats	Ankush KUMAR	<sup>1</sup> Shakuntla Hospital And Research Center,	India	Ankush KUMAR
Others (basic & translational)	PE310	Pandemic Pressures: Student Stress and Weight Responses in the COVID-19 Era	Purevsod LKHAGVASUREN	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Oyuntugs BYAMBASUKH
Others (basic & translational)	PE311	Enavogliflozin, an SGLT2 inhibitor, Ameliorates High-Fat High-Cholesterol Diet-induced Nonalcoholic Steatohepatitis	Phuc PHAM	<sup>1</sup> Kangwon National University	Vietnam	Eun-Hee CHO
Others (basic & translational)	PE312	Taurine ameliorates diabetic complications by improving serum adiponectin levels and inflammation in ob/ob mice	Kainat AHMED	<sup>1</sup> Changwon National University	Republic of Korea	Jung-Eun YIM
Others (basic & translational)	PE313	The Study of Thai People in the Diabetes Mellitus and Overweight Risk Group and their Health Product Literacy	Benjamas NAKKARACH	<sup>1</sup> Public Health Officer	Thailand	Thidarat APINYA
Others (basic & translational)	PE314	Improvement of Insulin Resistance and Non-Alcoholic Fatty Liver Disease from Dipeptidyl Peptidase-IV(CD26) Inhibitors and Antioxidant Properties of Phenolic Rich Fraction from Allium Sativum in Type 2 Diabetic Mellitus	Purnima TRIPATHI	<sup>1</sup> Shri Vaishnav Vidyapeeth Vishwavidyalaya	India	Anand KRISHNA
Others (basic & translational)	PE315	Effects of Sargassum miyabei Yendo on the hepatic fibrosis in LX-2 cells	Bohkyung KIM	<sup>1</sup> Pusan National University	Republic of Korea	Bohkyung KIM

Others (basic & translational)	PE316	Effect of Bee Keeping and Wild Harvesting Honey in Anthropometrical, Insulin Resistance and also Reversing Metabolic Changes in Rats Fed with High-Fat Diet: A Comparative Study	Suhana SAMAT	<sup>1</sup> Universiti Sains Malaysia	Malaysia	Zolkapli ESHAK
Others (basic & translational)	PE317	Harnessing AI and Digital Innovations for Enhanced Diabetes Management	Satyaprakash TIWARI	<sup>1</sup> Diabetes Singapore	Singapore	Satyaprakash TIWARI
Others (clinical)	PE318	"Exploring role of newer anti diabetic drug Terzepatide in management of obesity"	Dr Nilesh CHAVDA	<sup>1</sup> Gmers Medical College Valsad	India	Dr Nilesh CHAVDA
Others (clinical)	PE319	Prevalence of Metabolic Syndrome and its Component in Patients presenting to tertiary care center.	Dipak KUNWAR	<sup>1</sup> Kathmandu University	Nepal	Dipak KUNWAR
Others (clinical)	PE320	Robust Deep Learning Method for Early Detection of Diabetes Using Image-Based Representation	Rifaldy FAJAR	<sup>1</sup> Karlstad University	Sweden	Rifaldy FAJAR
Others (clinical)	PE321	Enhancing Type 2 Diabetes Diagnosis Accuracy using Learning Vector Quantization: A Machine Learning Approach	Rifaldy FAJAR	<sup>1</sup> Karlstad University	Sweden	Rifaldy FAJAR
Others (clinical)	PE322	Gut Microbiota and Metabolites as Mediators in the Bidirectional Relationship Between Sleep Disturbances and Insulin Resistance in Type 2 Diabetes: A Cross-Sectional Study	Prihantini PRIHANTINI	<sup>1</sup> Yogyakarta State University	Indonesia	Prihantini PRIHANTINI
Others (clinical)	PE323	Association Between Minority Stress Factors and Diabetes Risk Among LGBTQ+ Individuals in Jakarta: A Cross-Sectional Study	Sahnaz Vivinda PUTRI	<sup>1</sup> International University Semen Indonesia	Indonesia	Sahnaz Vivinda PUTRI
Others (clinical)	PE324	Lifestyle management is a non-pharmacological intervention against high fat diet induced obesity	Nazmin FATIMA	<sup>1</sup> King George's Medical University	India	Gyanendra Kumar SONKAR
Others (clinical)	PE325	Wearable technology and Geo-fencing device are a boon for hypertension patients with type 2 diabetes	Vikas SHARMA	<sup>1</sup> S N Medical College And Hospital	India	Vikas SHARMA
Others (clinical)	PE326	MEDICAL NUTRITION THERAPY PROVISION IMPROVES CLINICAL OUTCOMES IN A PATIENT WITH TYPE 2 DIABETES AT DISTRICT HOSPITAL: A CASE STUDY	HANEE FAKHRURAZI	<sup>1</sup> Hospital Kulim	Malaysia	HANEE FAKHRURAZI
Others (clinical)	PE327	Relationship Between Physical Activity Frequency, Obesity, and Diabetes Risk: A population-based Mon-Timeline study	Oyuntugs BYAMBASUKH	<sup>1</sup> Mongolian National University Of Medical Sciences, <sup>2</sup> Timeline Research Center	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE328	CALCULATED DIETARY GLYCEMIC INDEX (GI), GLYCEMIC LOAD (GL) AND INCIDENCE OF ABNORMAL GLUCOSE TOLERANCE (AGT) AMONG WOMEN WITH A HISTORY OF GESTATIONAL DIABETES MELLITUS (GDM)	Hannah Izzati MOHAMED KHIR	<sup>1</sup> Universiti Putra Malaysia	Malaysia	Barakatun Nisak MOHD YUSOF
Others (clinical)	PE329	Diabetes visits in Endomed hospital, Ulaanbaatar, Mongolia	Munkhtsetseg GOMBOSUREN	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMT SEREN
Others (clinical)	PE330	Cardiovascular parameters, Obesity and Diabetes Risk among Perimenopausal Women of North Indian Population	RASHMI SHRIVASTAVA	<sup>1</sup> King George's Medical University	India	RASHMI SHRIVASTAVA
Others (clinical)	PE331	Preoperative skeletal muscle quality as a predictor of metabolic status change following bariatric surgery	Eunsun OH	<sup>1</sup> Soonchunhyang University Seoul Hospital	Republic of Korea	Soon Hyo KWON
Others (clinical)	PE332	Shift Work Effects on Mongolian Nurses' Eating Behavior: A Comparative Pilot Study Between Questionnaires and 24-Hour Dietary Recall	Enerelt BATMUNKH	<sup>1</sup> Fourth Hospital	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE333	T2DM AND CENTRAL OBESITY	Nansaldorj ERDENEBILEG	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMT SEREN
Others (clinical)	PE334	Avascular Necrosis of Femoral Head Due to Low-Dose Steroids in Adrenal Insufficiency after Cushing Syndrome: A Case Report	Javzanpagma TSOGBADRAKH	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Javzanpagma TSOGBADRAKH

Others (clinical)	PE335	The association between gestational diabetes and prenatal depression in Mongolian women	Nomin-Erdene MINJUURDORJ	<sup>1</sup> Mongolian National University Of Medical Sciences, <sup>2</sup> Third State Central Hospital Of Mongolia	Mongolia	Altaiaskhan KHASAG
Others (clinical)	PE336	Comparative Study of Diabetes Risk Factors in Mongolian Adults between 1999 and 2019, Focusing on Central Obesity and Hypertension	Altaiaskhan KHASAG	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Altaiaskhan KHASAG
Others (clinical)	PE337	Study prevalence of obesity in hypertention people	Nomundari USUKHBAYAR	<sup>1</sup> Central Hospital Of Mnums	Mongolia	Davaakhuu VANDANNYAN
Others (clinical)	PE338	TYPE 2 DIABETES MELLITUS AND BIOLOGICAL AGE	Gerelmaa KHURELDEE	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMT SEREN
Others (clinical)	PE339	Junk food addiction and Metabolic dysregulation; linking the two in PCOS manifestation	Khair UI NISA	<sup>1</sup> University Of Kashmir, <sup>2</sup> University Of Kashmir	India	Khair UI NISA
Others (clinical)	PE340	Prevalence of Arterial Hypertension Among Mongolian Nurses	Zoljargal AVIRMED	<sup>1</sup> 4th Hospital	Mongolia	Davaakhuu VANDANNYAM
Others (clinical)	PE341	Detection of peripheral artery disease in citizens aged 50-69 years and determining the prevalence of risk factors	Narantsetseg ENKHTUYA	<sup>1</sup> Mongolian National University Of Medical School	Mongolia	Davaakhuu VANDANNYAM
Others (clinical)	PE342	Relationship Of Cycling Exercise With Decreasing Blood Sugar Levels In Patients With Diabetes Mellitus	Marina INDRIASARI	<sup>1</sup> Binawan University	Indonesia	Marina INDRIASARI
Others (clinical)	PE343	Role of oxidative stress and obesity: Risk for Infertility in Women	Saima AMJAD	<sup>1</sup> King George's Medical University	India	Saima AMJAD
Others (clinical)	PE344	Thyroid Hormone Alterations in COVID-19 Patients: Implications for Disease Severity and Diabetes-Related Associations	Dariimaa DORJ	<sup>1</sup> Mongolian National University Of Medical Sciences, <sup>2</sup> First Central Hospital	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE345	Exploring the Link Between Obesity Measures and Mild Cognitive Impairment: Insights from the Nationwide Montimeline Study	Khulan AMARTUGS	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Byambajav DAGVAJANTSAN
Others (clinical)	PE346	Research cardiometabolic comorbidity and noncommunicable disease risk in a central obesity population	Sergelentsetseg BAT-ERDENE	<sup>1</sup> Darkhan General Hospital	Mongolia	Sergelentsetseg BAT-ERDENE
Others (clinical)	PE347	Handgrip strength and Mini-Mental State Examination scores: A study from the Montimeline study	Baigal NARANTUYA	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE348	Assessing the Impact of Meat Consumption on 24-Hour Urinary Creatinine Levels among Mongolian Adults	Anar BAYARMUNKH	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE349	Investigating fruit and vegetable consumption among university students in Mongolia and its correlation with body mass index	Anujin TUVSHINJARGAL	<sup>1</sup> Mongolian National University Of Medical Sciences	Mongolia	Oyuntugs BYAMBASUKH
Others (clinical)	PE350	WOLFRAM SYNDROME: Case report	Sainbileg SONOMT SEREN	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMT SEREN
Others (clinical)	PE351	Differences in Red cell distribution width (RDW) between subjects with type 2 diabetes mellitus (T2DM) and subjects without T2DM : a systematic review and meta-analysis	W. Riski Widya MULYANI	<sup>1</sup> Negara General Hospital	Indonesia	W. Riski Widya MULYANI
Others (clinical)	PE352	Machine learning-driven identification of plasma biomarkers for sarcopenia in the elderly	Yunju JO	<sup>1</sup> Gist	Republic of Korea	Dongryeol RYU

Others (clinical)	PE353	Machine learning using time series analysis better predict future diabetes	Myungsoo IM	<sup>1</sup> Pusan National University Hospital, <sup>2</sup> Pusan National University Hospital	Republic of Korea	Sang Soo KIM
Others (clinical)	PE354	Impact of physical activity types in non-alcoholic fatty liver disease, and cardiovascular disease	Eugene HAN	<sup>1</sup> Keimyung University	Republic of Korea	Yong-ho LEE
Others (clinical)	PE355	Exploring age- and gender-specific characteristics of diabetes among young adults in Korea: The Korea National Health and Nutrition Examination Survey 2019-2020	Chae Won CHUNG	<sup>1</sup> College Of Medicine, Chung-Ang University	Republic of Korea	Jaetaek KIM
Diabetes education case	PE356	Diabetic Patient with Neuroendocrine Carcinoma of the Cervix	Ulziisaikhan BANZRAGCH	<sup>1</sup> National Cancer Center Of Mongolia	Mongolia	Ulziisaikhan BANZRAGCH
Diabetes education case	PE357	Association of idiopathic thrombocytopenic purpura and type 2 diabetes mellitus	Naranmandakh DAVAAJAV	<sup>1</sup> Gurvan Gal General Hospital	Mongolia	Ohk Hyun RYU
Diabetes education case	PE358	Subcutaneous infection in a type 1 diabetic patient	Tsengel BAYARSAIKHAN	<sup>1</sup> General Hospital For State Special Servants	Mongolia	Davaajav NARANMANDAKH
Diabetes education case	PE359	Medical nutrition therapy for the management of cellulitis with diabetes mellitus, chronic kidney disease and hypertension	Mohd Ramadan AB HAMID	<sup>1</sup> Universiti Teknologi Mara	Malaysia	Mohd Ramadan AB HAMID
Diabetes education case	PE360	Study on detect peripheral artery disease among diabetic and nondiabetic	Davaakhuu VANDANNYAN	<sup>1</sup> School Of Nursing, Mnums	Mongolia	Amarsaikhan DASHTSEREN
Diabetes education case	PE361	Eating order and blood glucose level	Yanjin BANZRAGCHSUREN	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Diabetes education case	PE362	The Impact of Dietary Habits and Meal Patterns on Pre-Diabetes among Malaysian School Children	MUHAMMAD HAKIM SAMSUDIN	<sup>1</sup> Faculty Of Food, Science And Technology	Malaysia	LUTFI DAUD
Diabetes education case	PE363	The Effect of the Education Method Using the Calculation of Glucose and Continuous Blood glucose Measurement on Blood Sugar in Patients with Type 1 Diabetes	JIYOUN PARK	<sup>1</sup> Chung-Ang University Hospital	Republic of Korea	JIYOUN PARK
Diabetes education case	PE364	A case of glycemic control using the CGM in a pregnant type 2 diabetes patient	Soeun LEE	<sup>1</sup> Chung- Ang Univ Hospital	Republic of Korea	Soeun LEE
Diabetes education case	PE365	Nutritional education using continuous glucose monitoring system in Type 2 diabetes	Meera KWEON	<sup>1</sup> Seoul National University Hospital	Republic of Korea	Young Min CHO
Diabetes education case	PE366	Education for Type 1 Diabetes Patients	Youngjin CHOI	<sup>1</sup> Kyung Hee University Hospital At Kangdong	Republic of Korea	Youngjin CHOI
Diabetes education case	PE367	The Role of Education in Type 2 Diabetes Treatment: A Systematic Review	Sandeep THAPA	<sup>1</sup> Kathmandu Center For Genomics And Research Laboratory (kcgrl)	Nepal	Sandeep THAPA
Diabetes education case	PE368	BLOOD GLUCOSE LEVEL EFFECT OF DIABETIC CARROT AND CHEESE CAKE	Odontuya CHULUNBAT	<sup>1</sup> Endomed Hospital	Mongolia	Sainbileg SONOMTSEREN
Diabetes education case	PE369	Strengthening Diabetes Care through General Practitioner Engagement: Bridging the Gap to Diabetes Technology	Satyaprakash TIWARI	<sup>1</sup> Diabetes Singapore	Singapore	Satyaprakash TIWARI
Diabetes education case	PE370	Cases of continuous blood glucose measurement use in patients with type 1 diabetes	Hana CHOI	<sup>1</sup> Bucheon Soonchunhyang University, Hospital	Republic of Korea	Hana CHOI