

## Poster Exhibition List

Congratulations on being selected as a Poster Exhibitor!  
Presenters must attend on-site. Please hang and display your poster at Convention Center 2F Poster Exhibition Hall.

### Basic & translational diabetes research

PE001	Arsenic toxicity on metabolism and autophagy in brown adipose tissue Seung-Hyun Ro (University of Nebraska-Lincoln, Biochemistry, United States)
PE002	Overexpression of system $\chi$ c- protects renal tubular epithelial cells from 2-Deoxy-D-Ribose-induced oxidative damage Jisun Bang (Jeju National University Hospital, Internal Medicine, Korea)
PE004	Measurement of malondialdehyde (MDA) level and superoxide dismutase (SOD) activity in the pancreatic tissue after the intervention of orange water kefir in the hyperlipidemic rats model Rafik Prabowo (Universitas Islam Indonesia, Faculty of Medicine, Indonesia)
PE005	Identification of total protein and antioxidant activity in rice contaminated with high concentration of pesticides Nisrin Abd Kadir (Universiti Malaysia Terengganu, School of Fundamental Science, Malaysia)
PE008	Hydrogen peroxide promotes cell viability and migration at low dose via vegf- $\alpha$ and tgf- $\alpha$ gene expression Nur Syakirah Mahamad Aziz (Universiti Malaysia Terengganu, School of Fundamental Sciences, Malaysia)
PE009	The impact of chromolaena odorata methanolic extract and quercetin in wound healing activity and in inducing vegf- $\alpha$ gene expression Nur Hidayah Hadi (Metrio Development, Bukit Tambun, Building Information Modeling, Malaysia)
PE012	Study of ALAN (Artificial Light At Night) as a zeitgeber affecting anthropometric and biochemical parameters in patients of metabolic syndrome background Smriti Rastogi (King George's Medical University, Physiology, India)
PE013	Impact of type 2 diabetes-associated PAX4 variant on pancreatic beta cell function Jungsun Park (Korea Advanced Institute of Science and Technology, Graduate School of Medical Science and Engineering, Korea)
PE014	Antihyperglycemic role of chromium oxide nanoparticles on hepatic function in fat-fed and streptozotocin-treated rats Pardeep Kumar (F H M College and hospital, Biochemistry, India)
PE015	Somatic mutations of primary hepatocellular carcinoma in non-alcoholic fatty liver disease mouse model Won Hee Lee (Korea Advanced Institute of Science and Technology, Graduate School of Medical Science and Engineering, Korea)
PE016	Natural COA water inhibits mitochondrial ROS-mediated apoptosis through Plk3 downregulation under STZ diabetic stress in pancreatic $\beta$ -cell lines Seungbaek Lee (Mayo Clinic, Division of Radiology, United States)

PE017	Causal role of iron in excess on increased risks of type 2 diabetes, metabolic syndrome, and associated components among Taiwan Han Chinese and UK Whites Vanessa Joy Timoteo (Taiwan International Graduate Program in Molecular Medicine, National Yang Ming Chiao Tung University and Academia Sinica, Taiwan (ROC), Philippines)
PE018	Impact of coconut oil versus palm oil on obesity related outcomes: a sequential feeding clinical trial Hasintha Swarnamali (Health and Wellness Unit, Faculty of Medicine, University of Colombo, Sri Lanka)
PE019	Effects of coconut oil versus palm oil on blood glucose and lipid parameters in healthy adults Hasintha Swarnamali (Health and Wellness Unit, Faculty of Medicine, University of Colombo, Sri Lanka)
PE020	Time restricted feeding as a behavioural intervention can prevent obesity in wistar rats Gyanendra Kumar Sonkar (King George's Medical University, U.P., Lucknow, India, Biochemistry, India)
PE021	DN200434 has anti-atherosclerotic effects via inhibition of VSMCs proliferation and mitochondrial oxidative phosphorylation Jonghwa Jin (Kyungpook National University Hospital, Kyungpook National University, School of Medicine, Department of Internal Medicine, Korea)
PE022	Mechanisms of the protective effect of philanthotoxin against NMDA-induced retinal oxidative and nitrosative stress Mohamad Haiqal Nizar Mohamad (Universiti Kuala Lumpur, Malaysian Institute of Chemical and Bio-Engineering Technology (UniKL MICET), 78000 Alor Gajah, Malacca, Malaysia)
PE023	Vitamin D3 supplementation ameliorated the reduction of muscle strength via elevation of apelin expression in muscle Yoo Jeong Lee (National Institute of Health, Division of Endocrine and Kidney Disease Research, Department of Chronic Disease Convergence Research, Korea)
PE024	Abnormal tau phosphorylation in the diabetic nephropathy of NOX5 pod+ mice Eunsoo Lee (Yonsei University Wonju College of Medicine, Department of Internal Medicine, Korea)
PE025	Effect of ethanolic extract of moringa root ( <i>moringa oleifera</i> , lam.) on histopathology of inflammatory liver tissue of white rat ( <i>rattus norvegicus</i> ) hyperlipidemia and type 2 diabetes mellitus model Nurbaiti Rahman (Sebelas Maret University, Faculty of Medicine, Indonesia)
PE026	Effect of ethanolic extract of moringa root ( <i>moringaoleifera</i> , lam.) on IL-1 $\beta$ protein expression in liver tissue of white rat ( <i>rattusnorvegicus</i> ) hyperlipidemia and type 2 diabetes mellitus model Nabilah Aulia Rusli (Sebelas Maret University, Faculty of Medicine, Indonesia)
PE027	Polystyrene microplastics mixtures affects lipid and glucose metabolism Jung Eun Kim (Mokpo National University, Department of Nutraceutical Resources, Korea)
PE028	CycloZ improves hyperglycemia and lipid metabolism by modulating lysine acetylation in KK-Ay mice Hoe-Yune Jung (NovMetaPharma Co. Ltd., Department of R&D, Korea)
PE029	Antidiabetic effect of thaliporphine against streptozotocin induced diabetes: alteration of gut microbiota Vikas Kumar (SHUATS, Pharmaceutical Sciences, India)

PE031	Emerging changes in IL-6 level in gestational diabetes mellitus Neha Srivastava (King George's Medical University, Lucknow, Uttar Pradesh, India, Biochemistry, India)
PE032	Exercise and vitamin D3 supplementation could improve brain-skeletal muscle interaction via elevation of apelin and apelin receptor expression in aged mice Gyu Hee Kim (Division of Endocrine and Kidney Disease Research, Department of Chronic Disease Convergence Research, Korea National Institute of Health, Korea Disease Control and Prevention Agency, Korea)
PE033	Exploration the mechanism of TNF- $\alpha$ -induced insulin resistance in 3T3-L1 adipocytes by integration of metabolomics and protein expression data Norhisham Haron (Universiti Teknologi MARA Selangor (UiTM), Centre for Medical Laboratory Technology Studies, Faculty of Health Sciences, Malaysia)
PE034	Hippo/Mst1 is essential for adipose tissue aging and lipid metabolism Je-Hyun Yoon (Medical University of South Carolina, Biochemistry and Molecular Biology, United States)
PE035	Assessment of pattern of dyslipidemia in normal, prediabetic and diabetic patient Sujata Shrestha (Central Prison Hospital, Pathology, Nepal)
PE037	Antihepatotoxicity potential of $\alpha$ -linolenic acid in high fat-diet/alloxan-induced diabetes in female rats Sumit Rajput (B V Deemed University, Physiology, India)
PE038	Ethanol-exposed hypothalamic neuronal cells undergo changes in expression of genes regulating energy metabolism Ji Ho Yun (Korea National Institute of Health, Korea Disease Control and Prevention Agency, Division of Endocrine and Kidney Disease Research, Department of Chronic Disease Convergence Research, Korea)
PE039	Natural product seaweed <i>C. intillifera</i> as new potential for diabetes treatment Mohamad Fauzi Mahmud (Universiti Malaysia Terengganu, 21030 Kuala Nerus, Terengganu, Malaysia, School of Food Science and Technology, Malaysia)
PE040	Progressive change in abdominal perivascular adipose tissue with respect to increasing metabolic risk Haekyung Lee (Soonchunhyang University Seoul Hospital, Department of Internal Medicine, Korea)
PE041	Pancreas protection effect of an oral insulin sensitizer in in vitro and in vivo models of type 2 diabetes Leo Sungwong Choi (Glaceum, Research team, Korea)
PE042	The NQO1 mediated increased AMPK activity ameliorates diet-induced obesity and improves metabolic phenotypes Min-Ji Kim (Kyungpook National University Chilgok Hospital, Department of Internal Medicine, Korea)
PE043	Effects of thyroxin administration on lipid peroxidation and antioxidant status after sleeve gastrectomy in rats Ankush Kumar (A State University, Applied Sciences, India)
PE044	The relationship between the start of puberty and diabetes mellitus related risk factors in the Korean adolescents Sarang Jeong (Korea National Institute of Health, Korea Disease Control and Prevention Agency, Division of Endocrine and Kidney Disease Research, Department of Chronic Disease Convergence Research, Korea)

PE045	"Hurry up! ready-to-eat food save our time" - a qualitative study of ultra-processed food consumption among adults in Jakarta Farah Faza (Faculty of Medicine, Universitas Indonesia – Dr. Cipto Mangunkusumo General Hospital, Jakarta, Indonesia, Nutrition, Indonesia)
PE046	Cyr61 is involved in palmitate-induced insulin resistance and inflammation in HepG2 cells Yu Jung Heo (Ajou University School of Medicine, Endocrinology and Metabolism, Korea)
PE047	Oxidative stress, lipid profile, glycemic status and hepatic enzymes among Nepalese obese & non-obese adults Bijay Subedi (School of Health & Allied Sciences, Pokhara University, Department of Medical Laboratory Science, Nepal)
PE048	Profiling of changes in gene expression associated with epigenetic changes in peripheral blood cells under hyperinsulinemic euglycemic clamp condition Minjae Joo (Gachon Advanced Institute for Health Sciences and Technology (GAIHST), Gachon University, Department of Health Sciences and Technology, Korea)
PE049	The change of HGF/c-Met signaling pathway in gestational diabetes (GDM) Hyun Jin Kim (Chungnam National University College of Medicine, Department of Internal Medicine, Korea)
PE050	Mig-6 modulates adipogenesis and thermogenesis in brown adipose tissue Sorim Choung (Chungnam National University School of Medicine, Research Institute for Medical Sciences, Korea)
PE051	The ameliorative effects of exogenous L-glutathione on testicular cell apoptosis in STZ-induced diabetic C57BL/6 mice Fathiah Abdullah (Universiti Teknologi MARA Cawangan Perak, Kampus Tapah, Faculty of Applied Sciences, Malaysia)
PE052	Association of T cell senescence with liver diseases ranging from steatosis to liver cirrhosis in humans Byeong Chang Sim (Chungnam National University, Medical Science, Korea)
PE053	Predominantly sociodemographic risk factors that attributed to the overnutrition among healthy adults population in urban, suburban, and rural areas Yusuf Ahmad Budiarmaja (Leys Business Consultant, Marketing, Indonesia)
PE055	Biological effect of engeletin on osteoarthritis: medicinal importance and therapeutic benefit through scientific data analysis Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, Faculty of Health Sciences, India)
PE056	N-Methyl-D-aspartate receptors induce M1 polarization of macrophages: feasibility of targeted imaging in macrophage-mediated inflammation Jonghwa Jin (Kyungpook National University Hospital, Kyungpook National University, School of Medicine, Department of Internal Medicine, Korea)
PE058	Biological potential of artemetin in the medicine for their hypotensive effect against cardiac complication Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, Faculty of Health Sciences, India)
PE059	The effects of Tocotrienol Rich Fraction (TRF) and vitamin c supplementation on antioxidant enzymes activities and body mass index in down syndrome individuals Maziana Mahamood (Universiti Teknologi MARA Cawangan Selangor, Kampus Puncak Alam, Bandar Puncak Alam, 42300 Selangor, Malaysia, Faculty of Pharmacy, Malaysia)
PE060	PDK4 mediates energy stress-induced imbalance in mitochondrial dynamics and bioenergetics Zerwa Siddique (Graduate School and BK21 plus KNU Biomedical Convergence Programs, Kyungpook National University, Daegu, Republic of Korea, Department of Biomedical Science, Korea)

PE061	Lobeglitazone stimulates production of specific resolvins and regulates hepatic fat accumulation and NLRP3 inflammasome activation via FFAR4/GPR120 signaling pathway Hyekyung Yang (Sungkyunkwan University School of Medicine Kangbuk Samsung Hospital, Medical Research Institute, Korea)
PE064	The effectiveness of a digital story intervention on healthy eating and physical activity of young people in Sri Lanka Wasanthi Chamali Wijesekera Goigoda Gamage (Queensland University of Technology, Australia, School of Public Health and Social Work, Australia)
PE065	Ectopic olfactory receptor reduces fat preference by secreting cholecystokinin Moonki Chae (Korea University, Department of Biotechnology, College of Life Sciences and Biotechnology, Korea)
PE066	Endocrine disrupting chemical perfluorooctane sulfonate continual exposure impairs glucose-stimulated insulin secretion by inhibiting cAMP pathway Suma Elumalai (Yeungnam University Medical Center, Innovative Center for Aging Research, Korea)
PE067	Lack of protective benefit with a necrosis inhibitor against the development of type 1 diabetes Hyemin Lee (Sungkyunkwan University, Department of Health Sciences and Technology, Korea)
PE068	Eating and lifestyle habits of healthcare workforces Undraa Boldkhuu (Mongolian National University of Medical Sciences, Department of Endocrinology, Mongolia)
PE069	Hypolipidemic impacts of phytosterols on gut microbiota alteration in sugar rich diet induced diabetic female rats Rahul Kumar (J K College, Zoology, India)
PE070	Biological potential and therapeutic effectiveness of berbamine in the medicine for their anti-hypercholesterolemic effect Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, Department of Pharmaceutical Sciences, India)
PE071	Microbiota composition in people with diabetes Chantsaldulam Purevdorj (The First Central Hospital of Mongolia, Center of Endocrinology and Diabetes, Mongolia)
PE073	The comparison of the gut microbiota of mongolian people with that of five asian countries Sainbileg Sonomtseren (Mongolian National University of Medical Sciences, Department of Endocrinology, Mongolia)
PE074	Red blood cell parameters and their correlation with glycated hemoglobin among diabetes mellitus patients: a hospital-based data analysis in Mongolia Munkhuchral Nordog (Mongolian National University of Medical Science, Department of Hematology, Mongolia)
PE075	Lipid profile in patients with type 2 diabetes: a hospital-based data analysis in Mongolia Narkhajid Galsanjigmed (Mongolian National University of Medical Science, Department of Endocrinology, Mongolia)
PE076	Correlation plasma resistin level with body mass index in yogyakarta Indonesia Rizki Fajar Utami (Faculty of Medicine Universitas Islam Indonesia, Biochemistry Department, Indonesia)
PE077	Identifying the role of Zinc to protect functional $\beta$ cell Hyeonkyu Lee (KAIST, Korea)

PE078	Deletion of G protein-coupled estrogen receptor in POMC or AgRP neurons alters energy metabolism Sohee Park (Department of Biomedical Sciences, Seoul National University College of Medicine, Korea)
<b>Clinical diabetes and therapeutics</b>	
PE079	Beta cell based regenerative therapy for treatment of diabetes mellitus: a metabolic disorder Nidhi Puranik (Barkatullah University, Biochemistry & Genetics, India)
PE080	Drug-drug interactions between hypoglycemic and non-hypoglycemic medication in diabetic patients with comorbidities in a tertiary care center: a descriptive cross-sectional study Lujaw Tuladhar (Nepal Medical College and Teaching Hospital, Pharmacology, Nepal)
PE081	The serum concentration of soluble CD81 during oral glucose tolerance test: a novel marker of pancreatic insulin-secretory function? Jun Choul Lee (Eulji University School of Medicine, Department of Internal Medicine, Korea)
PE083	Association between body fat index and gestational diabetes mellitus Dittakarn Boriboonhirunsarn (Faculty of Medicine Siriraj Hospital, Mahidol University, Obstetrics and Gynecology, Thailand)
PE084	The associations of perceived hypoglycemia, diabetes self-care behaviors, sleep quality and quality of life in persons with type 2 diabetes Kyong Hye Joung (Chungnam National University, School of Medicine, Korea)
PE085	Glycaemic variability of oral semaglutide vs empagliflozin: a post-hoc analysis of PIONEER 2 Hyo Jin Lim (Novo Nordisk Pharma Korea Ltd., Medical Affairs, Korea)
PE086	Effect of semaglutide versus placebo on cardiovascular outcomes by baseline HbA1c: SUSTAIN 6 and PIONEER 6 post hoc analysis Hyo Jin Lim (Novo Nordisk Pharma Korea Ltd., Medical Affairs, Korea)
PE087	Study to evaluate the efficacy and safety of enavogliflozin in patients with T2DM who have inadequate glycemic control on metformin and DPP4 inhibitor (ENHANCE-D) Mi Kyung Kim (Keimyung University School of Medicine, Internal Medicine, Korea)
PE088	Plasma AKR1B10 is the biomarker that shows the best performance in the diagnosis of NASH and hepatic fibrosis in combination with currently available diagnostic markers Seung Joon Choi (Gil Medical Center, Radiology, Korea)
PE089	Efficacy of vildagliptin for the treatment of nonalcoholic fatty liver disease with newly diagnosed type 2 diabetic Mongolian patients Enkhchimeg Tserendorj (Darkhan General Hospital, Outpatient, Mongolia)
PE092	Total daily dose of Cambodian diabetic patients using insulin pumps during hospitalization Lundy Sieng (Calmette Hospital, General Medicine A Department, Cambodia)

PE093	Efficacy and safety of enavogliflozin in patients with T2DM who have inadequate glycemic control with metformin (ENHANCE-M) Jin Yu (The Catholic University of Korea, Seoul St. Mary's Hospital, Endocrinology and Metabolism, Internal Medicine, Korea)
PE094	Clinical determinants and implication of glycemic variability from continuous glucose monitoring in insulin treated patients with type 2 diabetes Da Young Lee (Korea University Ansan Hospital, Korea University College of Medicine, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE095	Development of a glucose level prediction model in insulin treated patients with type 2 diabetes Da Young Lee (Korea University Ansan Hospital, Korea University College of Medicine, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE096	Therapeutic potential of phytochemical drug in treatment of type-2 diabetes Shiv Kumar Yadav (Govt Lal Bahadur Shastri PG College, Zoology, India)
PE097	Cardiovascular outcomes with fenofibrate vs. omega-3 fatty acids in people with metabolic syndrome: a propensity matched cohort study Ji Yoon Kim (Korea University College of Medicine, Internal Medicine, Korea)
PE098	Correlation of derived time in range (dTIR) and time in range (TIR) in people with type 2 diabetes (T2D) treated with IDegLira (IDL), degludec, or liraglutide: a post hoc analysis of the DUAL I trial Boram Bae (Novo Nordisk Pharma Korea Ltd., Medical Affairs, Korea)
PE099	Association of selected laboratory markers with a length of hospital stay in COVID-19 Filipino patients with diabetes mellitus: a single-center study Imoan Shallom Aguas (Angeles University Foundation, College of Allied Medical Professions, Department of Medical Technology, Philippines)
PE100	Deletion mutation in the glutathione s-transferase gene (GSTM1 and GSTT1) and their association with gestational diabetes development: a meta-analysis Imoan Shallom Aguas (Angeles University Foundation, College of Allied Medical Professions, Philippines)
PE101	Effects of a low-calorie meal replacement on body composition and metabolic parameters in shift workers with obesity: a randomized controlled trial Piumika Sooriyaarachchi (Queensland University of Technology (QUT), Australia , Faculty of Health, School of Exercise and Nutrition Sciences, Sri Lanka)
PE102	Cardiovascular outcomes of lixisenatide vs. dulaglutide: a retrospective study in patients with type 2 diabetes Soo Jin Yun (Kyung Hee University College of Medicine, Department of Endocrinology and Metabolism, Korea)
PE103	Shift work increased the risk for diabetes in the hospital setting Piumika Sooriyaarachchi (Queensland University of Technology (QUT), Australia, Faculty of Health, School of Exercise and Nutrition Sciences, Sri Lanka)
PE104	Adherence to antidiabetic medications among Sudanese patients with type 1 and type 2 diabetes mellitus and factors associated with it in zenam diabetic center, 2021 Tarig Mahgoub (University of Khartoum, Faculty of Medicine, Sudan N)
PE106	Modulation of antimony mediated therapy for an optimal insulin secretion during visceral leishmaniasis infection Sukrat Sinha (Nehru Gram Bharati University, Department of Zoology, India)
PE107	Neutrophil-lymphocyte ratio and platelet-lymphocyte ratio as inflammatory markers in type II diabetic patients Saroj Kunwar (Modern Technical College, Laboratory Medicine, Nepal)

PE108	A retrospective multi-center non-interventional study investigating the effectiveness and safety of insulin degludec / insulin aspart (IDegAsp) in a real-world adult population with type 2 diabetes in South Korea Shin Ae Kang (Yonsei University College of Medicine, Seoul, South Korea, Division of Endocrinology, Department of Internal Medicine, Korea)
PE109	Subgroups of adult-onset diabetes by cluster analysis and comparison between young-onset versus late-onset type 2 diabetes mellitus Yongjin Cho (Inha University School of Medicine, Endocrinology and Metabolism, Korea)
PE110	Fasting plasma glucose-to-estimated average glucose ratio as an indicator of glycemic variability in patients with type 2 diabetes on basal insulin Han Na Jang (Seoul National University Hospital, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE111	A profound renoprotective effect of SGLT2 Inhibitor in subjects with type 2 diabetes with ketonuria Hyun Ah Kim (Seoul National University College of Medicine and Seoul National University Hospital, Department of Internal Medicine, Korea)
PE112	Combination of moderate-intensity statin and ezetimibe versus high-intensity statin monotherapy on primary prevention of cardiovascular disease and all-cause death: a propensity-matched nationwide cohort study Ji Eun Jun (Kyung Hee University Hospital at Gangdong, Endocrinology and metabolism, Korea)
PE113	Effect of probiotics supplementation on gut microbiota of type-2 diabetes mellitus: a meta-analysis of randomised controlled trials Muhamad Fareez Ismail (Universiti Teknologi MARA (UiTM), School of Biology, Faculty of Applied Sciences, Malaysia)
PE114	Comparison of SGLT2 inhibitors versus DPP-4 inhibitors as combination with metformin in patients with acute myocardial infarction and concomitant diabetes mellitus Young Sang Lyu (Chosun University Hospital, Division of Endocrinology and Metabolism, Korea)
PE115	Association of smokeless tobacco with an increased risk of type 2 diabetes Anjali Singh (King George's Medical University, Lucknow, Department of Physiology, India)
PE116	Long-term effects of COVID-19 social distancing on glycemic control in patients with type 2 diabetes Nami Lee (Ajou University School of Medicine, Endocrinology and Metabolism, Korea)
PE118	Evolution of synergistic effect of herbo probiotic on clinical and metabolic responses in subject with metabolic syndrome Senthil Kumar Subramani (Tropilite Foods Pvt,Ltd, Department of Biotechnology, India)
PE121	Effect of lifestyle interventions on the risk of incident diabetes in people with isolated impaired fasting glucose: a meta-analysis of individual participant data from randomized controlled trials Sathish Thirunavukkarasu (Emory University, Department of Family and Preventive Medicine, United States)
PE122	A multicenter, randomized, open-label Study to compare the effects of gemigliptin add-on or dose escalation of metformin on glycemic control and safety in patients with inadequately controlled type 2 diabetes mellitus on metformin and SGLT-2 inhibitors (SO GOOD study) Hae Jin Kim (Ajou University School of Medicine, Department of Endocrinology & Metabolism, Korea)
PE123	MAFLD and NAFLD in the prediction of incident diabetes So Hee Park (Samsung Medical Center, Sungkyunkwan University School of Medicine, Division of Endocrinology and Metabolism, Department of Medicine, Korea)



PE125	Glucose tolerance test in probands of patients suffering from chronic mental illness Sagar Lavania (F H Medical College, Neuro-Psychiatry, India)
PE126	Aldose reductase inhibitory potential of hybanthus enneaspermus: biological importance in the medicine for the treatment of diabetes related secondary complication Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, India, Department of Pharmaceutical Sciences, India)
PE127	Type 2 diabetes patients with cyclic vomiting syndrome after rapid blood glucose correction: two case reports In Sun Goak (Jeonbuk National University Hospital, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE128	Chronotherapeutic effect of time restricted feeding on metabolic disorder: a challenging lifestyle modification Nazmin Fatima (King George's Medical University, Biochemistry, India)
PE129	Alleviation of metabolic abnormalities induced by streptozotocin in wistar rats by tinospora cordifolia nanoparticles- a preliminary study Lalita Kushwah (Jiwaji University, Sos in Biochemistry, India)
PE130	Anti-diabetic and pancreo-protective activity of Indian herbal medicine tinospora cordifolia (willd.) and honey in streptozotocin induced diabetic rats Sanjay Khedekar (SMBT Ayu Med College, Maharashtra University Of Health Sciences, RSBK, India)
PE131	Clinical stages of T2dm Bolor Byambatsooj (MNUMS, Department of Endocrinology, Mongolia)
<b>Diabetes care &amp; education</b>	
PE133	Expenditure pattern related to diabetic risk factors in Indonesia : a national report based study Ni Made Vidya Pratiwi (Udayana University, Public Health Department, Faculty of Medicine, Indonesia)
PE134	Pregnancy and diabetes disease history: correlated? Rabindra Das (The University of Burdwan, Department of Statistics, India)
PE135	Classification and heterogeneity of diabetes mellitus in Korea Da-Hye Koo (Changwon National University, Food and Nutrition, Korea)
PE136	A correlation between high-risk food consumption and diabetes mellitus prevalence in Indonesia: a 10 years national health report Kadek Ayu Astuti (Udayana University, Public Health Department, Faculty of Medicine, Indonesia)
PE137	Impact of dietary mediation using low-carbohydrate diet to manage newly diagnosed type 2 diabetes mellitus oatients in a tertiary care hospital Samir Singh (KIST Medical College and Teaching Hospital, Clinical Biochemistry, Nepal)
PE138	Age-specific diabetes education needs for persons with type 2 diabetes at younger age Guy Nam Kim (Chungnam National University, College of Nursing, Korea)

PE139	Wearable technology and Geo-fencing device are a boon for hypertension patients with type 2 diabetes Vikas Sharma (SN Medical College, Medicine, India)
PE140	Diabetes knowledge in a Mongolian mothers survey by web based Ulziimaa Batkhuu (MNUMS, Midwifery, Mongolia)
PE142	Nutritional management diabetes knowledge among health science undergraduate students Nazrul Hadi Ismail (Universiti Teknologi MARA, Centre for Dietetics Studies, Faculty of Health Sciences, Malaysia)
PE143	Assessment of diabetics community awareness in al debag area at Wad-Madani, Gezira state, Sudan 2022 Abdulrahman Mohamedahmed (University of Gezira , Faculty of medicine, Sudan N)
PE144	The impact of COVID 19 pandemic and cconomic status on diabetes care in Sudan Mazin Osman (Primary Health Care Center PHC, Faculty of Medicine ,University of Gezira, Department of Public Health, Sudan N)
PE145	Effects of the insulin adherence program for patients with type 2 diabetes Kyungmin Park (Graduate School, Catholic University of Daegu, Department of Nursing, Korea)
PE146	Nutritional status is associated with postoperative outcomes among oatients with diabetes undergoing cardiac surgery: a preliminary finding Haw Soon Kim (Ajou University, College of Nursing and Research Institute of Nursing Science, Korea)
PE147	Evaluation of nutrition education interventions for type II diabetic patients Hansol Park (Chungnam National University, the Department of Food and Nutrition, Korea)
PE148	Capability of fasting plasma glucose to detect gestational diabetes Carolina Medrano De Ávila (Hospital Universitario Dr. José E. González, Endocrinology, Mexico)
PE149	Women with diabetes and depression: a psychosocial challenge Poonam Sahu (King George's Medical University, Lucknow, 226003, UP, India, Department of Physiology, India)
PE150	National model of diabetes and diabetic retinopathy care in Mongolia Altaisaikhan Khasag (Mongolian National University of Medical Sciences, Department of Endocrinology, Mongolia)
PE151	Development of augmented reality-based food model to demonstrate the estimation of food portion in adherence with 3J diet recommendation for diabetes mellitus oatients in Indonesia Nadira Dmas Getare Sanubari (Universitas Gadjah Mada, Department of Nutrition and Health, Indonesia)
PE152	The association between relative handgrip strength and type 2 diabetes among Korean midlife women You Lee Yang (Eulji University, College of Nursing, Korea)
PE153	The mediating effect of depression in relationship between stress and suicide ideation in patients with diabetes Sung-Chul Lim (Kyung Hee University Medical Center, Social Work Service Team, Korea)

PE154	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 Bhandari (School of Health and Allied Sciences, Pokhara University, Department of Public Health, Nepal)
PE155	A systematic review of taxonomy and intervention strategies to improve medication adherence using emerge approach: a preliminary finding Chun-Ja Kim (Ajou University, College of Nursing and Research Institute of Nursing Science, Korea)
PE156	Treatment cost of type 1 diabetic patients in Mongolia Enkhjin Boldbaatar (Endomed Hospital, Diabetes Clinic, Mongolia)
PE157	Behavioral study of bakery users in diabetes Yanjin Banzragchsuren (Endomed hospital, Diabetes clinic, Mongolia)
PE158	Effect of Zouitina Prestige Extra Virgin Olive Oil (EVOO) enriched in bioactive compounds on anthropometric indices and appetite among individuals at risk for diabetes Suhana Samat (Universiti Sains Malaysia, Neuroscience Department, School of Medical Sciences, Health Campus, Kubang Kerian, 16150 Kelantan, Malaysia)
<b>Diabetes complications - basic &amp; translational</b>	
PE159	Association of blood pressure with epigenetic modification of candidate gene in patients with type 2 diabetes Sangeeta Singh (Integral University, Lucknow, Biosciences, India)
PE161	The change of pancreatic innervation in relation to the progression of diabetic peripheral neuropathy Kyung Ae Lee (Division of Endocrinology and Metabolism, Department of Internal Medicine, Jeonbuk National University Medical School, Research Institute of Clinical Medicine of Jeonbuk National University - Biomedical Research Institute of Jeonbuk National University Hospital, Korea)
PE162	Involvement of calcium regulated proteins in the antiapoptotic effect of philanthotoxin-343 against NMDA-induced retinal ganglion cell apoptosis in sprague dawley rats Muhammad Fattah Fazel (Universiti Kuala Lumpur, Royal College of Medicine Perak (UniKL RCMP), 30450, Ipoh, Perak, Malaysia)
PE163	Depression associated factors among diabetic patients in Bihar Gireesh Dayma (Manipal University, Department of Pharmacology, India)
PE164	Therapeutic role of yogic asana on type 2 diabetes mellitus subjects by measuring glycosylated haemoglobin and evaluating therapeutic modulation Vandana Awasthi (King George Medical University, Department of Physiology, India)
PE165	Advanced Glycation End (AGE) in diabetes and myogenic program: a prospective study of curcumin and gingerol in maintaining the balance between health and the diseased state Arif Tasleem Jan (Baba Ghulam Shah Badshah University, School of Biosciences and Biotechnology, India)
PE166	Therapeutic benefit of prunin in the medicine for the treatment of diabetes related complications: pharmacological activities with molecular mechanism Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, Faculty of Health Sciences, India)

PE167	Transcriptomic profiling of human placenta in gestational diabetes mellitus Yea Eun Kang (Chungnam National University , Department of Internal Medicine, Korea)
PE168	Therapeutic potential of kakkalide in the medicine for the treatment of diabetes and related secondary complications of human being Dinesh Kumar Patel (Sam Higginbottom University of Agriculture, Technology and Sciences, India, Department of Pharmaceutical Sciences, India)
PE169	GA/HbA1C ratio as a reliable follow up marker in different CKD stages with T2DM Akhil Singla (Mm Institute of Medical Sciences & Research, Mullana (AMBALA) - 133207, HARYANA, INDIA, General Medicine, India)
PE171	Relationships between cardio-ankle vascular index and diabetic retinopathy in Mongolian patients with type 2 diabetes mellitus Dolzodmaa Batbayar (Erdenet medical hospital, Internal medicine, Mongolia)
<b>Diabetes complications - clinical &amp; epidemiology</b>	
PE174	Type 2 diabetes and dyslipidemia among Filipino adults Cherry Ann Durante (Emilio Aguinaldo College - Manila, Graduate School, Philippines)
PE175	Association of serum gamma-glutamyl transferase with myosteatosis assessed by muscle quality mapping using abdominal computed tomography Han Na Jung (Asan Medical Center, Department of Internal Medicine, Korea)
PE176	Light at night and rotating night shift: risk for insulin resistance, type 2 diabetes and other metabolic diseases B Anjum (King George's Medical University, Department of Biochemistry, India)
PE177	Morphometric and histopathological changes in placenta affected by gestational diabetes Pooja Garg (Jaipur National University, Jaipur, Rajasthan, Anatomy, India)
PE178	Bidirectional association between diabetic peripheral neuropathy and vitamin B12 deficiency: two longitudinal 9-year follow-up studies using a national sample cohort Heung Yong Jin (Jeonbuk National University Hospital, Endocrinology and metabolism, Korea)
PE179	Validation of the operational definition of type 2 diabetes mellitus based on Korean national health insurance claim data Suji Yoo (Gyeongsang Natl. Univ. Changwon Hospital, Gyeongsang Natl. Univ. School of Medicine, Internal Medicine, Korea)
PE180	Prediabetes and type 2 diabetes mellitus increases the risk of hepatic fibrosis in individuals with nonalcoholic fatty liver disease in the cardiovascular and metabolic diseases Etiology Research Center (CMERC) cohort Da Hea Seo (Inha University School of Medicine, Department of Endocrinology and Metabolism, Korea)
PE181	Association between triglyceride-glucose index and incident colorectal cancer: a nationwide population-based cohort study in Korea Yun Kyung Cho (Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine, Korea)
PE182	Impact of pancreatitis on mortality in patients with diabetes: a population-based cohort study including 2.7 million adults in Korea Yun Kyung Cho (Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine, Korea)

PE183	Prevalence and risk factors of new onset diabetes after living donor liver transplantation (NODAT): A single center experience in Vietnam Hieu Le Trung (108 Military Central Hospital, Organ Transplant Center, Vietnam)
PE184	A theoretical framework of ultra-processed foods: commercial determinants of health and the impact on non-communicable diseases and the environment Farah Faza (Faculty of Medicine, Universitas Indonesia – Dr. Cipto Mangunkusumo General Hospital, Jakarta, Indonesia, Nutrition, Indonesia)
PE185	A novel anthropometric parameter, weight-adjusted waist index represents sarcopenic obesity in newly diagnosed type 2 diabetes mellitus Min Jeong Park (Korea University College of Medicine, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE186	Using a type 2 diabetes polygenic risk score in predicting metabolic changes in a prediabetic population Felipe Padilla Martinez (Medical University of Bialystok, Clinical Research Centre, Poland)
PE187	Assessing the association of high sensitivity C-reactive protein and nutritional status toward the risk of prediabetes among healthy adults Farah Faza (Human Nutrition Research Center, Nutrition, Indonesia)
PE188	Association between neighborhood food environment and nutritional outcomes of school children in low socio-economic community in Sri Lanka: a GIS based assessment Chamil Senevirathna (Rajarata University of Sri Lanka , Department of Health Promotion , Sri Lanka)
PE189	Risk for developing recurrent stroke among ischemic stroke with known diabetes: do sex differences? Piyawan Sukpradit (Walailak University School of Nursing, Graduate Nursing studies, Thailand)
PE190	Predictive value of the framingham steatosis risk for cardiovascular risk beyond the traditional risk factors: a nationwide population-based cohort study Yun Kyung Cho (Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine, Korea)
PE191	Income fluctuation and risk of incident type 2 diabetes: a nationwide population-based cohort study Jimin Clara Park (Episcopal Collegiate School, Little Rock, AR, USA, Episcopal Collegiate School, United States)
PE192	Knowledge and practice regarding diabetic retinopathy among Sudanese final and semifinal medical students, university of khartoum faculty of medicine 2022 Saba Hamid (University of Khartoum, Faculty of Medicine , Community Medicine Department , Sudan N)
PE193	Subtypes of type 2 diabetes and their association with outcomes in Korean adults - a community-based prospective cohort study You-Cheol Hwang (Kyung Hee University School of Medicine, Division of Endocrinology and Metabolism, Department of Medicine, Korea)
PE194	Blood glucose patterns in patients with end stage diabetic nephropathy on hemodialysis: a systematic review and meta-analysis Made Lady Adelaida Purwanta (Bali Mandara Hospital, Bali, Indonesia, Internal Medicine Department, Indonesia)
PE195	HbA1c as a predictor of diabetic foot ulcer incidence and wound healing events in diabetic patients : a systematic review and meta-analysis I Pande Putu Deny Heriwijaya (Kenak Medika Hospital, Gianyar, Bali, Indonesia, Emergency Department, Indonesia)
PE196	Microvascular complications and its predictors among type 2 diabetes mellitus patients at Dessie town hospitals, Ethiopia Mohammed Abdu Seid (Debre Tabor University, Department of Biomedical Sciences, Ethiopia)

PE197	Type 2 diabetes mellitus in the next 10 years in Vietnam: the CENVIDI study Long Doan (Department of Internal Medicine, Hue University of Medicine and Pharmacy, Hue University, Hue, Viet Nam, Vietnam)
PE198	Prevalence of overweight and obesity among adolescents in urban and rural region of Lucknow, Uttar Pradesh, India Umamaheswari Pakkirisamy (Baba Institute of Paramedical and Hospital, Pediatrics, India)
PE199	Underweight and diabetes have a synergistic detrimental effect on the risk of dementia: a population-based cohort study Yun Kyung Cho (Department of Internal Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)
PE200	Sex differences in the risk of cardiovascular disease events stratified by diabetes status Kyuho Kim (St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea)
PE201	Normal weight central obesity, physical activity and major adverse cardiovascular events in Korean patients with type 2 diabetes Yun Kyung Cho (Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine, Korea)
PE202	Cardio-ankle vascular index is associated with diabetic nephropathy in patients with type 2 diabetes mellitus Orgil Sengeragchaa (Darkhan General Hospital, Internal medicine, Mongolia)
PE206	Diabetes mellitus and risk of intracranial atherosclerosis: a meta-analysis of observational studies Md. Sarfaraj Hussain (Lord Buddha Koshi Medical College, Saharsa, Bihar-852201, Department of Pharmacy, India)
<b>Diabetes education case</b>	
PE207	A case in which team education positively affected patients with first diagnosis of diabetes Jee Young Park (Daedong Hospital, Nutrition, Korea)
PE208	Pediatric prediabetes Tsengel Bayarsaikhan (General Hospital for State Special Servants, Pediatrics, Mongolia)
PE209	Adjunctive therapy for the prevention of frequent nocturnal hypoglycemia using raw cornstarch Mohd Ramadan Ab Hamid (Universiti Teknologi Mara, Faculty of Health Sciences Centre for Dietetics Studies, Malaysia)
PE210	Diabetes mellitus treatment - role of education among medical students Krati Bhardwaj (All India Institute of Medical Sciences, Bhubaneswarh, Anatomy, India)
PE211	COVID-19 complications on diabetic patients Naranmandakh Davaajav (Gurvan Gal General Hospital, Endocrinology, Mongolia)
PE212	A case of nutrition education using carbohydrate counting in adolescent patient with newly diagnosed Type 1 Diabetes Mellitus (T1DM) Yesung Oh (Ajou University Hospital, Food service and Clinical Nutrition , Korea)