

Poster exhibition list

No	Session	Title	Presenting name	Presenting affiliation	Corresponding name
PE1	Behavior, nutrition, education & exercise	Effect of exercise on cardiac autonomic function in type 2 diabetic patients	Rajesh Goit	Nepalgunj Medical College, Department of Physiology ¹	Rajesh Goit
PE2	Behavior, nutrition, education & exercise	Evaluate of the risk criteria of Diabetes Mellitus type 2 among health care workers	Erkhuu Nyamtseren	Second general Hospital , Diabetes center ¹	Bayanjargal Sandagdorj
PE3	Behavior, nutrition, education & exercise	The role of the Diabetic Nutritional Education in Diabetes Management	Jeong Nam Oh	Good Gang-An Hospital, Clinical nutrition ¹	Yong Kyu Lee
PE4	Behavior, nutrition, education & exercise	The Number of Participating Times in DSME Beneficial Influenced on Diabetes Managements	Soo Myung Chu	Good Gang-An Hospital, Nursing ¹	Yong Kyu Lee
PE5	Behavior, nutrition, education & exercise	Reducing children's television time and get their participation to improve the knowledge on NCDs in a middle income community in Sri Lanka	Chamil Senavirathne	Diabetes Research Unit, Department of Clinical Medicine, Faculty of Medicine, Colombo, Sri Lanka ¹	Prasad Katulanda
PE6	Behavior, nutrition, education & exercise	Suicidal Ideation and Suicide Attempts among Diabetes Mellitus: The Korea National Health and Nutrition Examination Survey (KNHANES IV, V) from 2007 to 2012	Tae Ho Kim	Catholic Kwandong University College of Medicine, Department of Endocrinology ¹	Tae Ho Kim
PE7	Behavior, nutrition, education & exercise	Effects of low-fat milk consumption on metabolic and atherogenic biomarkers in Korean adults with metabolic syndrome: a randomized controlled trial	Ji Hee Yu	Korea University Ansan Hospital, Korea University College of Medicine, Department of Endocrinology and Metabolism ¹	Nan Hee Kim
PE8	Behavior, nutrition, education & exercise	The relation between the family support and the adherence to dietary recommendations in T2DM patients	Yoon Jung Jang	Kangbuk Samsung Hospital, Diabetes Mellitus Center ¹	Yoon Jung Jang
PE9	Behavior, nutrition, education & exercise	Estimation of Tomato Consumption and the Risk of Metabolic Syndrome in postmenopausal women – Utilization of Korean National Health and Nutrition Examination Survey-	Jean Kyung Paik	Eulji University, Department of Food amd Nutrition ¹	Bumsik Kim
PE10	Behavior, nutrition, education & exercise	A study on dietary intake of T2DM patients according to weight status	Jin Sun Choi	Kangbuk Samsung Hospital , Diabetes Mellitus Center ¹	Jin Sun Choi
PE11	Behavior, nutrition, education & exercise	Mitochondrial DNA depletion disrupts mitochondrial physical status	Sung Ryul Lee	Inje University, College of Medicine, Cardiovascular & Metabolic Disease Center ¹	Jin Han
PE12	Behavior, nutrition, education & exercise	Ursolic acid-induced elevation of serum irisin augments muscle strength during resistance training in men.	Dae Yun Seo	Department of Physiology, College of Medicine, Cardiovascular and Metabolic Disease Center Inje University, Busan, Korea ¹	Jin Han
PE13	Behavior, nutrition, education & exercise	Survey about knowledge of hypoglycemia of diabetic patient and status of hypoglycemic education in general hospital	Myung Sook Lee	Department of Social work team, Keimyung University Dongsan Medical Center ¹	Mikyung Kim
PE14	Behavior, nutrition, education & exercise	Behavior and Fear Survey of Hypoglycemia in general hospital.	Jinhee Kim	Keimyung University Dongsan Medical Center, Dietary team ¹	Hye Soon Kim

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PE15	Behavior, nutrition, education & exercise	Stress and Weight changes in type 2 diabetes	Joo Young Han	Inha University Hospital , Internal medicine ¹	Seongbin Hong
PE16	Behavior, nutrition, education & exercise	Analysis of a improvement the knowledge of patients with diabetes education using the elementary evaluation questionnaire developed by Korean Diabetes Association	Hee Young Kim	The Catholic University of Korea, Seoul St. Mary's Hospital, Department of Nutrition ¹	Hee Young Kim
PE17	Clinical diabetes	Glycated albumin is a useful indicator for predicting beta cell dysfunction and impending diabetes in prediabetic condition	Soo Min Hong	Department of Endocrinology and Metabolism, Kyung Hee University School of Medicine, Seoul, Korea, Republic of ¹	Jeong-Taek Woo
PE18	Clinical diabetes	Pharmacokinetics of Once-Weekly Dulaglutide in Special Populations	Corina Loghin	Eli Lilly and Company, Indianapolis, IN, USA ¹	Corina Loghin
PE19	Clinical diabetes	The 2-Week Fasting Glucose as a Predictor of Response to Once-Weekly Dulaglutide 1.5 mg	Jeonghee Han	Eli Lilly and Company, Indianapolis, IN, USA ¹	Jeonghee Han
PE20	Clinical diabetes	Efficacy of Long-Acting Once-Weekly Dulaglutide Versus Short-Acting Twice-Daily Exenatide in Patients with Type 2 Diabetes Mellitus: Post-Hoc Analysis to Determine the Influence of Baseline HbA1c in the AWARD-1 Trial	Jeonghee Han	Eli Lilly and Company, Indianapolis, IN, USA ¹	Jeonghee Han
PE21	Clinical diabetes	Insulin Lispro Versus Insulin Aspart in Type 2 Diabetes Subjects using Continuous Subcutaneous Insulin Infusion	Jeonghee Han	Eli Lilly and Company, Indianapolis, IN, USA ¹	Jeonghee Han
PE22	Clinical diabetes	Fasting and postprandial hyperglycemiae: their relative contributions to the overall hyperglycemia and their determinants in Korean patients with type 2 diabetes	Soyeon Yoo	Jeju National University Hospital, Department of Internal Medicine ¹	Gwanpyo Koh
PE23	Clinical diabetes	Effect of maternal age at childbirth on insulin resistance: the 2010 Korean National Health and Nutrition Examination Survey	Kyung-Jin Yun	Yeouido St ¹	Hyuk-Sang Kwon
PE24	Clinical diabetes	The plasma levels of adiponectin in elderly prediabetic patients.	Si Eun Kong	Chungnam National University Hospital, Internal Medicine ¹	Bon Jeong Ku
PE25	Clinical diabetes	Treatment of Gefitinib, an inhibitor of the epidermal growth factor receptor decrease serum cholesterol in patients with lung cancer	Yea Eun Kang	Chungnam National University School of Medicine, Department of Internal Medicine ¹	Bon Jeong Ku
PE26	Clinical diabetes	Insulin poisoning with suicidal attempt	Sun Ok Song	National Health Insurance Service Ilsan Hospital, Department of Internal Medicine, Division of Endocrinology ¹	Sun Ok Song
PE27	Clinical diabetes	The Effect of Dietary Fiber-enriched Cereals on Glycemic Control and Secretion of Gut Hormones	Eun Ky Kim	Seoul National University College of Medicine, Department of Internal Medicine ¹	Young Min Cho

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PE28	Clinical diabetes	Comparison of intact incretin response between oral glucose and mixed meal tolerance tests in patients with type 2 diabetes	Sang Ah Lee	Jeju National University Hospital, Endocrinology and Metabolism ¹	Gwanpyo Koh
PE29	Clinical diabetes	Effect of Black Raspberry Extract on Metabolic Parameters in Patients with Prediabetes; A Randomized, Double-blinded, Placebo Controlled Trial	Jee Hyun An	Korea University College of Medicine, Korea University Anam Hospital, Department of Internal Medicine ¹	Sin Gon Kim
PE30	Clinical diabetes	Plasma levels of lysine, tyrosine, and valine during pregnancy are independent risk factors of insulin resistance and gestational diabetes in pregnant women	Sunmin Park	Hoseo University, Food & Nutrition ¹	Sung Hoon Kim
PE31	Clinical diabetes	Insulin lispro low mixture twice daily versus basal insulin glargine and prandial insulin lispro once daily in East Asian and Caucasian type 2 diabetes mellitus patients	Jeonghee Han	Eli Lilly and Company, Korea ¹	Angel Rodriguez
PE32	Clinical diabetes	More elevated levels of Glycated Albumin over HbA1c as duration of diabetes increases: Limitation of glycated albumin as a glycemic monitoring index	Hye-Jin Yoon	Sevrance Hospital, Internal Medicine ¹	Byung-Wan Lee
PE33	Clinical diabetes	Metabolic and vascular characteristics of insulin resistance in Korean patients with type 2 diabetes	Eun Young Lee	Yonsei University College of Medicine, Internal Medicine ¹	Kap Bum Huh
PE34	Clinical diabetes	Efficacy and safety of teneligliptin, DPP-4 inhibitor, added to metformin in Korean patients with type 2 diabetes mellitus: a 16-week, randomized, double-blind, placebo-controlled trial (Phase III trial)	Mee Kyoung Kim	The Catholic University of Korea, Endocrinology and Metabolism ¹	Bong Yun Cha
PE35	Clinical diabetes	Health-related Quality of Life in Elderly with Diabetes : The Korea National Health and Nutrition Examination Survey (KNHANES) 2007-2010	Hae Jeong Lee	Chosun University Hospital , Diabetes Center ¹	Sang Yong Kim
PE36	Clinical diabetes	Comparison of morning spot urine glucose-to-creatinine ratios and overnight urinary glucose excretion in Korean subjects with impaired fasting glucose and type 2 diabetes	Yong-Ho Lee	Yonsei University College of Medicine, Department of Internal Medicine ¹	Byung-Wan Lee
PE37	Clinical diabetes	Recurrent focal arm dystonia associated non-ketotic hyperglycemia	Hyun Ju Choi	Pusan National University School of Medicine, Department of Internal Medicine ¹	Dong Won Yi
PE38	Clinical diabetes	Effects of valsartan and amlodipine on oxidative stress in type 2 diabetic patients with hypertension: a prospective, randomized, open label, multi-center study	Hae Jin Kim	Ajou University School of Medicine, Endocrinology and Metabolism ¹	Kwan Woo Lee
PE39	Clinical diabetes	The Role of Soluble Cluster Determinant 36 (CD 36) as Predicting Type 2 Diabetes in Korean	Jun Sung Moon	Yeungnam University College of Medicine, Department of Internal Medicine ¹	Hyoung Woo Lee
PE40	Clinical diabetes	Metabolomic profiles associated with DPP4i in type 2 diabetes.	Jun Ho Yun	Korea National Institute of Health, Center for Genome Science ¹	Jeong-Min Kim

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PE41	Clinical diabetes	Clinical and biochemical characteristics in type 2 diabetes mellitus with visceral obesity and nonalcoholic fatty liver disease	Jung Soo Lim	Yonsei University Wonju College of Medicine, Internal Medicine ¹	Kap Bum Huh
PE42	Clinical diabetes	Frequent hypoglycemia attack in known diabetic patients for 1 month	Jeong-Gu Na	Samsung Changwon Hospital, Division of Endocrinology and Metabolism, department of Internal Medicine ¹	Sam Kwon
PE43	Clinical diabetes	Drug utilization pattern and clinical risk factors in type 2 diabetic patients with hypoglycemia	Jun Young Shin	Inha University Hospital, Division of Internal Medicine ¹	Seongbin Hong
PE44	Clinical diabetes	Association of PAX4 R192H genetic variation with risk of gestational diabetes mellitus	Se Hee Min	Seoul National University Hospital, Seoul, Korea, Department of Internal Medicine ¹	Kyong Soo Park
PE45	Clinical diabetes	PWV but not ABI is correlated linearly with FRS, UKPDS CHD and UKPDS stroke Risk score in Korean adult T2DM	Su Kyoung Kwon	Kosin University College of Medicine, Busan, Korea, Internal Medicine ¹	Su Kyoung Kwon
PE46	Clinical diabetes	Hypoglycemic status of elderly patients with type 2 diabetes mellitus in current clinical practice	Cho-Ok Baek	Division of Endocrinology and Metabolism, Department of Internal Medicine, Presbyterian Medical Center ¹	Sun Kyung Song
PE47	Clinical diabetes	Cardiometabolic risk is more correlated with visceral fat thickness measured by ultrasonography than waist circumference in Korean type 2 diabetic patients	Dong Hyeok Cho	Chonnam National University Hospital, Department of Internal Medicine ¹	Min Young Chung
PE48	Clinical diabetes	Clinical Determinant Correlated with BaPWV in Advanced Korean Adult Type 2 Diabetes Subjects.	Su Kyoung Kwon	Kosin University College of medicine, Internal medicine ¹	Su Kyoung Kwon
PE49	Clinical diabetes	Long-term remission in patients with type 2 diabetes mellitus treated with insulin pump therapy	Soo Bong Choi	Konkuk University College of Medicine, Internal Medicine ¹	Yun Hee Noh
PE50	Clinical diabetes	Effects of metformin on TSH and thyroid hormone levels in type 2 diabetic patient with differentiated thyroid cancer	Eun Yeong Mo	Internal Medicine, Incheon St ¹	Sung Dae Moon
PE51	Clinical diabetes	Comparison of HbA1c and OGTT to diagnose diabetes in Korean children	Min Sun Kim	Chonbuk National University Medical School, Department of Pediatrics ¹	Yun Jeong Kim
PE52	Clinical diabetes	The effect of hemodialysis on HbA1c level in diabetic patients	You Jeong Kim	Department of Internal Medicine, College of Medicine, Inje University ¹	Mi-Kyung Kim
PE53	Clinical diabetes	Pregabalin-induced cortical negative myoclonus in type 2 diabetic patients on peritoneal dialysis	Yoon Jeong Nam	Pusan National Univeristy Hospital, Department of Internal Medicine ¹	Sang Soo Kim
PE54	Clinical diabetes	FREE FATTY ACID AS A SURROGATING MARKER OF B-CELL IMPROVEMENT	Jinkyong Shin	Bucheon St ¹	Soon Jib Yoo
PE55	Clinical diabetes	Clinical characteristics of Korean double diabetes	Jung Soo Lim	Yonsei University Wonju College of Medicine, Internal Medicine ¹	Kap Bum Huh

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PE56	Epidemiology	Comparison of Medication Adherence and Patient Characteristics in Patients with Diabetes between Rural and Urban Cohorts in South Korea	Hyunah Kim	Sookmyung Women's University, College of Pharmacy, ¹	Nam Han Cho
PE57	Epidemiology	The Incidence and Prevalence of Diabetes Mellitus and Related Atherosclerotic Complications in Korea: a National Health Insurance Database Study	Bo Kyung Koo	BORAMAE Medical Center, Internal medicine ¹	Nam-Kyong Choi
PE58	Epidemiology	Increased Risk of Diabetes and Post-diabetes Adverse Events in Patients with Stroke: Two Nationwide Retrospective Cohort Studies	Yi-Chun Chou	China Medical University Hospital, Department of Physical Medicine and Rehabilitation ¹	Yi-Chun Chou
PE59	Epidemiology	The study of epistasis effects for type 2 diabetes in Korean population-based cohort	Young Lee	Korea National institute of Health, KCDC, Center For Genome Science, Division of structural and functional genomics ¹	Juyoung Lee
PE60	Epidemiology	Association of genetic variants related lipid traits in the Korean population	Sohee Han	Center for Genome Sciences, National Institute of Health, Division of Structural and Functional Genomics ¹	Bong-Jo Kim
PE61	Epidemiology	Higher association of non-alcoholic fatty liver disease with coronary artery calcification than abdominal obesity	Min-Kyung Lee	Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Department of Endocrinology and Metabolism ¹	Eun-Jung Lee
PE62	Epidemiology	Maternal age at first delivery is associated with the risk of metabolic syndrome in postmenopausal women: from 2008–2011 Korean National Health and Nutrition Examination Survey	Ji Hye Huh	Yonsei University Wonju College of Medicine, Department of Internal Medicine ¹	Jang Yel Shin
PE63	Epidemiology	Metabolically healthy sarcopenic subjects is associated with diabetes mellitus: Korea National Health and Nutrition Examination Surveys (2008–2010)	Ji Hye Huh	Yonsei University Wonju College of Medicine, Department of Internal Medicine ¹	Choon Hee Chung
PE64	Epidemiology	Association analysis for fasting plasma glucose levels using exome array	Tae-Joon Park	Korea Institute of Health, Center for Genome Science, Division of Structural and Functional Genomics ¹	Bong-Jo Kim
PE65	Epidemiology	The Risk of Incident Type 2 diabetes in Metabolically Healthy Obesity in Korean Population: The Role of Systemic Inflammation	Yu Mi Kang	Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine ¹	Woo Je Lee
PE66	Epidemiology	Association of Abdominal visceral fat measurement using Dual-Energy X-ray with Cardiometabolic disease: the Cardiovascular and Metabolic Diseases Etiology Research Center (CMERC) Study	Kyoung Hwa Ha	Ajou University School of Medicine, Cardiovascular and Metabolic Disease Etiology Research Center ²	Dae Jung Kim
PE67	Epidemiology	Bone and Mineral Metabolism and Incident Diabetes: A Prospective Study	Ching-Lung Cheung	The University of Hong Kong, Medicine ¹	Ching-Lung Cheung

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PE68	Epidemiology	Association of serum 25-hydroxyvitamin D with insulin resistance and β -cell dysfunction: the Cardiovascular and Metabolic Diseases Etiology Research Center (CMERC) Study	So Young Ock	Ajou University School of Medicine, Endocrinology and Metabolism ¹	Dae Jung Kim
PE69	Epidemiology	Utilization of medications to lower blood pressure, glucose and lipids among people with type 2 diabetes in the National Health and Nutrition Examination Survey 1999-2010	Raymond Leung	The University of Hong Kong, Medicine ¹	Bernard Cheung
PE70	Epidemiology	Methylomic Analysis of Type 2 Diabetes Discordant Monozygotic Twins	Jae-Bum Bae	KNIH, Division of Structural and Functional Genomics ¹	Jae-Bum Bae
PE71	Epidemiology	People with peripheral arterial disease and diabetes are associated with clinically significant weakness	Tommy Cheung	The University of Hong Kong, Medicine ¹	Ching-Lung Cheung
PE72	Epidemiology	Impaired glucose intolerance in korean and Filipino women living in korea	Sangmo Hong	Hanyang University college of medicine , Department of Endocrinology and Metabolism ¹	Chang Beom Lee
PE73	Epidemiology	The Filipino Women's Diet and Health Study: design and methods	Grace Abris	Sookmyung Women's University, Food and Nutrition ¹	Jung Eun Lee
PE74	Insulin signaling / action	Association between thyroid nodule and insulin resistance	Eun Ju Lee	College of Medicine, Inje University, Department of Internal Medicine ¹	Mi-Kyung Kim
PE75	Insulin signaling / action	Angiotensin II Increases Insulin Binding in L6 Cells	Hannah Seok	Division of Endocrinology and Metabolism, Department of Internal Medicine, Uijeongbu St. Mary's Hospital ¹	Hyun Shik Son
PE76	Integrated physiology / obesity	Expression of Non-LTR retrotransposons specific transcripts in diabetic rats.	Somnath Mukherjee	JAWAHARLAL NEHRU UNIVERSITY, SCHOOL OF LIFE SCIENCES ¹	Somnath Mukherjee
PE77	Integrated physiology / obesity	Prolonged very low caloric restriction improves the endothelial glycocalyx in obese type 2 diabetic subjects	Dae Hyun Lee	Leiden University Medical Center, Department of Nephrology & Einthoven Laboratory of Vascular Medicine ¹	Dae Hyun Lee
PE78	Integrated physiology / obesity	Cabexoxolone prevents ER stress induced apoptosis in hypothalamic neuron	Seong Su Moon	Dongguk University College of Medicine, Internal Medicine ¹	Seong Su Moon
PE79	Integrated physiology / obesity	Effects of pyruvate dehydrogenase kinase (PDK) on adipocyte differentiation	Hyeon-Ji Kang	Kyungpook National University Graduate School, Department of Biomedical Science ¹	In-Kyu Lee
PE80	Integrated physiology / obesity	DPP4 has a pro-inflammatory action on LPS-primed macrophages that is ameliorated by DPP4 inhibitor	Dong-Sung Lee	Inha Research Institute for Medical Sciences, Inha University School of Medicine ¹	Dae Ho Lee
PE81	Integrated physiology / obesity	Adipokines and insulin resistance in gestational diabetes mellitus according to age to pregnancy	Chul Yun Park	Catholic university of Daegu, school of medicine, Korea, Department of internal medicine ¹	Ji Hyun Lee
PE82	Integrated physiology / obesity	SIRT3-SDH-GPR91 signaling in hepatic stellate cell activation	Eun-Hee Cho	Kangwon National University, Internal Medicine ¹	Eun-Hee Cho

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PE83	Integrated physiology / obesity	Increased expression of ATP-binding cassette transporter A1 (ABCA1) by cilostazol may be a possible mechanism for its protective effect against hepatic steatosis	Byung Hun Jeon	Yonsei University College of Medicine, Seoul, Korea, Department of Internal Medicine ¹	Bong Soo Cha
PE84	Integrated physiology / obesity	Psychological stress induce insulin resistance, as well as endothelial dysfunction, via inflammation and ER stress activated by corticotropin releasing hormone	Hee Young Kim	School of medicine, Ewha Womans University, Division of Cardiology ¹	Ick-Mo Chung
PE85	Integrated physiology / obesity	Expression of biglycan in human adipose tissues and its role in the pathogenesis of obesity-induced inflammation	Jimin Kim	University of Ulsan College of Medicine, Seoul, Korea, Physiology ¹	Yeon Jin Jang
PE86	Integrated physiology / obesity	Mitochondrial Oxidative Phosphorylation (OXPHOS) Dysfunction leads to Insulin Resistance and Increase Myokines Secretion in C2C12 Cells	Min Kyeong Kim	Seoul National University College of Medicine, Department of Internal Medicine ¹	Kyong Soo Park
PE87	Integrated physiology / obesity	Identification of serum metabolites associated with BMI risk allele of FTO gene in a population-based study	Yeon Jung Kim	Korea National Institute of Health, Division of Structural and Functional Genomics ¹	Bong-Jo Kim
PE88	Integrated physiology / obesity	Expression patterns of genes required for mitochondrial biogenesis in rodent model of obesity	Yea Eun Kang	Department of Internal Medicine, Chungnam National University School of Medicine, Daejeon, South Korea ¹	Minho Shong
PE89	Integrated physiology / obesity	Glucagon like peptide-1 receptor agonist directly attenuated hepatic steatosis by regulation of LXR-alpha	Da-Hee Oh	Kyung Hee University Hospital at Gangdong, Department of Endocrinology and Metabolism ¹	In-Kyung Jeong
PE90	Integrated physiology / obesity	Effects of Laparoscopic adjustable gastric banding in morbid obese with diabetes patients	Jung-Eun Yim	Changwon National University, Food and Nutrition ¹	Jung-Eun Yim
PE91	Islet biology / insulin secretion	Orexin A Potentiates Glucose-Stimulated Insulin Secretion Through a cAMP/Epac2 Signaling Pathway in Pancreatic Beta Cells	Jae-Hyung Park	Keimyung University School of Medicine, Department of Physiology ¹	Dae-Kyu Song
PE92	Islet biology / insulin secretion	Protective effect of GLP-1 on pancreatic beta-cells via KATP channel-mediated pathway	Hyun-Sun Park	Keimyung University, Department of Physiology & Obesity-related Disease Research Center ¹	Dae-Kyu Song
PE93	Islet biology / insulin secretion	Effect of rHMGB-1A on hypoxia/cytokine-induced islet cell damage	Hyo Jung Hwang	Hallym University, Department of Internal Medicine ¹	Sung-Hee Ihm
PE94	Islet biology / insulin secretion	The Akt/FoxO1/p27 pathway mediates the proliferative action of procyanidol oligomers in pancreatic β cells	Hye Min Shim	Keimyung University DongSan Medical Center, Department of Endocrinology, Internal Medicine ¹	Ho Chan Cho
PE95	Islet biology / insulin secretion	ERK Activation Pathway Plays a Pivotal Role in Glucolipotoxicity-Induced HIT-T15 Beta Cell Damage.	Natalya Kim	Kyung Hee University Hospital, Department of Endocrinology and Metabolism ¹	Jeong-Taek Woo
PE96	Islet biology / insulin secretion	The expression mechanism of lipocalin-2 by inflammatory cytokines in islet β -cells	Seo-Yoon Chang	The Catholic University of Korea, Department of Physiology ¹	Myung-Jun Kim

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PE97	Islet biology / insulin secretion	Protective Effect of Physiological Short-Term GLP-1 Treatment against Glucotoxicity in Pancreatic β -Cells	Hong Kyeung Kim	Keimyung University School of Medicine , Department of Physiology ¹	Dae-Kyu Song
PE98	Islet biology / insulin secretion	Pancreatic stellate cells within the pancreatic islet might play a pathogenic role in islet fibrosis in type 2 diabetes	Esder Lee	The Catholic University of Korea, Seoul, Korea , Division of Endocrinology & Metabolism, Department of Internal Medicine, College of Medicine ¹	Ki-Ho Song
PE99	Macrovascular complications	Serum bone morphogenic protein 4 (BMP-4) levels in coronary artery disease (CAD) according to the presence of diabetes and/or hypertension	Hyuk-Sang Kwon	The Catholic University of Korea, Internal Medicine ¹	Hyuk-Sang Kwon
PE100	Macrovascular complications	Increased risk of stroke and post-stroke outcomes in patients with diabetes: two nationwide studies	Chien-Chang Liao	Taipei Medical University, School of Medicine ¹	Chien-Chang Liao
PE101	Macrovascular complications	Association of serum C1q/TNF-related protein-9 concentration with arterial stiffness in subjects with type 2 diabetes	Chang Hee Jung	Asan Medical Center, University of Ulsan College of Medicine, Department of Internal Medicine ¹	Joong-Yeol Park
PE102	Macrovascular complications	Association of metabolically abnormal but normal weight (MANW) and metabolically healthy but obese (MHO) individuals with arterial stiffness and carotid atherosclerosis	Hyun Jung Lee	College of Medicine, Korea University, Division of Endocrinology and Metabolism, Department of Internal Medicine ¹	Kyung Mook Choi
PE103	Macrovascular complications	Structural and functional alterations of thoracic aorta in type II diabetic rats.	Bolor-Erdene Sarankhuu	Inje university, NLRL for Innovative Cardiovascular Engineering, Cardiovascular and Metabolic Disease Center ¹	Nari Kim
PE104	Macrovascular complications	The application of Computational Vascular Modeling to study Pathophysiology of diabetes mellitus	Eun Ji Shin	Inje university, NLRL for Innovative Cardiovascular Engineering, Cardiovascular and Metabolic Disease Center ¹	Nari Kim
PE105	Microvascular complications	The relationship between anemia and the initiation of dialysis in patients with type 2 diabetic nephropathy	Sun Hee Kim	Chonbuk National University Medical School, Division of endocrinology and metabolism ¹	Tae Sun Park
PE106	Microvascular complications	Assessing two different cardiovascular risk assessment scoring systems and their relations with albuminuria in patients with newly diagnosis with type 2 diabetes	Hey Won Lee	Pusan National University School of Medicine, Department of Internal Medicine ¹	Seok Man Son
PE107	Microvascular complications	Estimating Glomerular Filtration Rate from Cystatin C and Creatinine, Vascular disease, in persons with diabetes in the Korea	Eun Hee Sim	Pusan National University School of Medicine, Department of Internal Medicine ¹	Suk Man Son
PE108	Microvascular complications	Charcot neuropathic arthropathy in diabetes: learning lessons from case review	Yu Ji Kim	Division of Endocrinology and Metabolism, Department of Internal Medicine, Chonbuk National University Hospital ¹	Tae Sun Park
PE109	Microvascular complications	Dehydrozingerone ameliorates diabetic nephropathy	Eun Soo Lee	Department of Endocrinology and Institute of Lifestyle Medicine, Yonsei University Wonju College of Medicine, Wonju, Korea ¹	Choon Hee Chung

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PE110	Microvascular complications	Amubulatory 24-hr Heart Rate and Heart Rate Variability Monitoring with Simultaneous Physical Activity in Real Life for Healthy and Type 2 Diabetes Subjects : nocturnal tachycardia and charactristics in HRV abnormalities in diabetes patients	Borami Kang	Seoul St Mary's Hospital, College of Medicine, The Catholic University of Korea, Department of Endocrinology ¹	Jae Hyoung Cho
PE111	Microvascular complications	The prevalence and the associated factors of diabetic microvascular complications in patients with newly diagnosed type 2 diabetes	Jin Ook Chung	Chonnam National University Medical School, Department of Internal Medicine ¹	Min Young Chung
PE112	Microvascular complications	PREDICTED 4-YEAR RISK OF MAJOR CVD OF DIABETIC PATIENTS	Banzragch Bataa	Second General Hospital , Diabetic center ¹	Banzragch Bataa
PE113	Microvascular complications	Association between 45T/G Polymorphism of Adiponectin Gene diabetic microvascular complications in Korean type 2 diabetes	Myung Jin Ji	Chungbuk National University College of Medicine, Department of Internal Medicine ¹	Hyun Jeong Jeon
PE114	Microvascular complications	Inverse association between serum total bilirubin levels and diabetic peripheral neuropathy and other microvascular complications in patients with type 2 diabetes	Eun Sook Kim	Division of Endocrinology, Department of Internal Medicine, Incheon St. Mary's Hospital, the Catholic University of Korea, Incheon, Korea ¹	Sung Dae Moon
PE115	Metabolic syndrome & prediabetes	Relationship between high normal TSH levels and metabolic syndrome components in type 2 diabetic subjects with euthyroidism.	Lilit Petrosyan	Yerevan State Medical University, Armenia, Endocrinology, Diabetes and Metabolism ¹	Kyu Yeon Hur
PE116	Metabolic syndrome & prediabetes	Loss of pyruvate dehydrogenase kinase 4 attenuates high fat diet induced ER stress in skeletal muscle	Themis Thoudam	Kyungpook National University, Endocrinology ¹	In-Kyu Lee
PE117	Metabolic syndrome & prediabetes	Association between lipoprotein (a) and nonalcoholic fatty liver disease in nondiabetic subjects	Sehee Jo	Yonsei University College of Medicine, Internal Medicine ¹	Jong Suk Park
PE118	Metabolic syndrome & prediabetes	The Effect of Metabolic Syndrome on metabolic profiles in Korean Boys' plasma and urine	Aejin Lee	Korea National Institute of Health, Division of Metabolic Disease ¹	Sang Ick Park
PE119	Metabolic syndrome & prediabetes	Applied repeated measurement data analysis: genome-wide association study of metabolic syndrome and related traits in the Korean Association REsource Study	Suyeon Park	Korea National Institute of Health, KCDC Center For Genome Science, Division of Structural and Functional Genomics ¹	Juyoung Lee
PE120	Metabolic syndrome & prediabetes	Alcohol drinking before pregnancy causes the abnormal fetus development by maternal metabolic disorders	Yoo Jeong Lee	Korea National Institute of Health, Metabolic Diseases ¹	Won Ho Kim
PE121	Metabolic syndrome & prediabetes	Resolvin D1 reduces ER stress-induced apoptosis and triglyceride accumulation through JNK pathway in HepG2 cells	Tae Woo Jung	College of Medicine, Korea University, Internal Medicine ¹	Kyung Mook Choi
PE122	Metabolic syndrome & prediabetes	Dihomo γ-linolenic acid induces endoplasmic reticulum stress through arachidonic acid in human liver SK-HEP I cells.	Hyo Jung Lee	Korea National Institute of Health, Metabolic diseases ¹	Sang Ick Park

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PE123	Metabolic syndrome & prediabetes	Effects of nut consumption on metabolic syndrome in Korean adults– A randomized controlled dietary intervention trial	Jae Hee Ahn	Department of Endocrinology and Metabolism, Korea University Ansan Hospital, College of Medicine, Korea University, Ansan-si, South Korea ¹	Nan Hee Kim
PE124	Metabolic syndrome & prediabetes	Asymmetric dimethylarginine (ADMA) induces insulin resistance and glucose uptake dysfunction in C2C12 myotubes	Woo Jung Lee	Korea National Institute of Health, Division of metabolic disease ¹	Sang Ick Park
PE125	Metabolic syndrome & prediabetes	Anti-Diabetic Effects of Soy Leaf Extracts and Pinitol in High-fat Diet-Fed C57BL/6J Mice	Un Hee Kim	KRIBB, Industrial Bio-materials Research Center ¹	Tae Sook Jeong
PE126	Metabolic syndrome & prediabetes	Oleic acid reduces Palmitic acid-induced lipotoxicity by AKT activation in HepG2 cells.	Jae Suh Park	Kyung Hee University Hospital, Department of Endocrinology and Metabolism ¹	Jeong-Taek Woo
PE127	Metabolic syndrome & prediabetes	The association of serum increased fatty-acid binding protein 4 level with reduced lung function in apparently healthy Korean adults	Hye Jeong Park	Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea, Department of Endocrinology and Metabolism ¹	Eun-Jung Rhee
PE128	Metabolic syndrome & prediabetes	Prediabetes with high 30-minute postprandial plasma glucose levels had β -cell dysfunction and insulin resistance similar to diabetes.	Kyong Yeun Jung	Seoul National University College of Medicine, Seoul National University Bundang Hospital, Internal Medicine ¹	Sung Hee Choi
PE129	Metabolic syndrome & prediabetes	Anti-inflammatory and anti-adipogenic effects of water dropwort (Minary) in diabetic KK-Ay mice	Hyun-Ju Kang	Department of Agro-food resources, RDA, Republic of Korea, Agro-Food Utilization ¹	Min-Sook Kang
PE130	Metabolic syndrome & prediabetes	Effects of hepatic Sirt1 knockdown on inflammation	Hee Jae Lee	Chonnam National University, Department of Food and Nutrition ¹	Soo Jin Yang
PE131	Therapeutics of diabetes	The Effectiveness of Blood β -ketone testing in Patients with diabetic ketosis: A Systematic Review & Meta-analysis	Sunyoung Jang	Hanseo University, Department of nursing ²	Sunyoung Jang
PE132	Therapeutics of diabetes	THE INFLUENCE OF TOTAL OR SUB-TOTAL GASTRECTOMY ON THE GLUCOSE CONTROL IN DIABETIC AND NON-DIABETIC PATIENTS.	Young Ha Baek	Chon-buk national university hospital, Jeon-ju, Korea, Republic Of, Endocrinology & Metabolism ¹	Heung Yong Jin
PE133	Therapeutics of diabetes	Ezetimibe stimulates glucagon-like peptide 1 secretion by extracellular signal-regulated kinase 1/2	Hyekyung Yang	Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Diabetes research institute ¹	Cheol-Young Park
PE134	Therapeutics of diabetes	Linagliptin, a dipeptidyl peptidase-4 inhibitor, in patients with type 2 diabetes and chronic liver disease	Sun Hwa Kim	Korea University College of Medicine, Division of Endocrinology and Metabolism, Department of Internal Medicine ¹	Sin Gon Kim
PE135	Therapeutics of diabetes	Glucose lowering effect of FGF21 analogue, LY2405319, on streptozotocin-induced diabetic mice	Ji-Hyun Kim	Kyungpook National University School of Medicine, Department of Internal Medicine ¹	Keun-Gyu Park

Poster exhibition list

PE136	Therapeutics of diabetes	Higher Prevalence of Metformin-Induced Vitamin B12 Deficiency in Sulfonylurea Combination Compared with Insulin Combination in Patients with Type 2 Diabetes: A Cross-Sectional Study	Jae Seung Yun	The Catholic University of Korea, Internal Medicine ¹	Yu Bae Ahn
PE137	Therapeutics of diabetes	Efficacy and safety of dulaglutide versus sitagliptin in Korean patients with type 2 diabetes mellitus	Yoon Ji Lee	Lilly Korea Ltd., Seoul, Korea ¹	Jeong Hee Han
PE138	Therapeutics of diabetes	Aerobic and resistance exercise improves mitochondrial function by downregulation of uncoupling proteins in type 2 diabetic heart	Tae Hee Ko	Cardiovascular and Metabolic Disease Center, Inje University, Busan, Korea, Physiology ¹	Jin Han
PE139	Therapeutics of diabetes	Efficacy of pioglitazone when substituted for glimepiride in Korean type 2 diabetics with inadequate triple combination therapy of glimepiride, sitagliptin and metformin	Youngju Choi	Huh's diabetes clinic, endocrinology ¹	Kap Bum Huh
PE140	Therapeutics of diabetes	Effects of DPP4 inhibitor (Vildagliptin) on Protection of Osteoporosis in Diabetic rat	Young Sil Eom	Gachon University Gil Medical Center, Internal Medicine ¹	Byung-Joon Kim
PE141	Therapeutics of diabetes	GLP-1 receptor agonist, Exendin-4 mediated Nrf2 nuclear translocation reduces lipotoxicity-induced fat accumulation and hepatocyte apoptosis by reducing ER stress	Jin Yoo	kyung hee university hospital, Endocrinology ¹	You Cheol Hwang
PE142	Therapeutics of diabetes	Anti-diabetic effect of a novel PPAR γ agonist DMDC (2',4'-Dihydroxy-6'-methoxy-3',5'-dimethylchalcone) isolated from <i>Cleistocalyx operculatus</i> .	Jin Woo Choi	Seoul National University College of Medicine, Department of Internal Medicine ¹	Kyong Soo Park
PE143	Therapeutics of diabetes	Comparative Efficacy of Vildagliptin and Sitagliptin with Type 2 Diabetes Mellitus in Real Life Clinical Practice	Hee Soo Jung	Division of Endocrinology and Metabolism, Department of Internal Medicine, College of Medicine, Inje University, Busan, South Korea ¹	Soon Hee Lee
PE144	Therapeutics of diabetes	Lobeglitazone improves the cellular dysfunction induced by glucotoxicity in target cells.	Kwang Sik Suh	Kyung Hee University Hospital, Research Institute of Endocrinology ¹	Young Seol Kim
PE145	Therapeutics of diabetes	Anti-diabetic Effect of Evogliptin, a Novel DPP4 inhibitor, in Overt Hyperglycemic, Hypertriglycemic, and Insulin-Resistant Mice	Tae Hyoung Kim	Dong-A ST, Research Institute	Mi-Kyung Kim