# TIMETABLE

## September 9 (Fri), 2016

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**Panel Discussion:** Jin Ho Shin, So-Yeon Choi, Chang Hee Jung

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Organizer: Eun-Jung Rhee

S9-1. Role of Metabolic Reprogramming in Vascular Calcification
Inkyu Lee (Kyungpook National University, Korea)

S9-2. Vascular Calcification via RANKL Axis
Hironori Nakagami (Osaka University, Japan)

S9-3. Use of Coronary Artery Calcium Scoring for Preventing Cardiovascular Disease
Ron Blankstein (Harvard University, USA)

S9-4. Implication of Coronary Artery Calcification in Metabolic Diseases
Eun-Jung Rhee (Sungkyunkwan University, Korea)

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The Value of Imaging Surrogates for Cerebrovascular Disease

16:10-17:40, September 10(Sat) - Grand Ballroom B(3F)
Chairpersons: Yong-Jae Kim, Donghoon Choi
Organizers: Yong-Jae Kim, Hyun Ji Cho

S10-1. Carotid IMT as a Predictor of Future Stroke: Lesson form PICASSO Study
Sunuck Kwon (University of Ulsan, Korea)

S10-2. Transcranial Doppler: More than a stenosis
Sang Won Han (Inje University, Korea)

S10-3. Cerebral Small Vessel Diseases on MRI: Covert or Overt?
Hyung-Min Kwon (Seoul National University, Korea)

S10-4. Cerebral Artery Calcification: Its Association with Cerebral Small Vessel Disease
Kwang Yeol Park (Chung-Ang University, Korea)

Panel Discussion: Hyung-Seok Kim, Do-Sung Yoo

Joint Symposium 1

KSLA - JAS: Familial Hypercholesterolemia and Treatment Update

13:20-14:50, September 9(Fri) - Grand Ballroom A(3F)
Chairpersons: Young-Bae Park, Shizuya Yamashita

JS1-1. Recent Progress in the Diagnosis and Treatment of Familial Hypercholesterolemia in Japan
Shizuya Yamashita (Osaka University, Japan)

JS1-2. Characteristics, Genetic Analysis and Treatment of Homozygous Familial Hypercholesterolemia
Mariko Harada-Shiba (National Cerebral and Cardiovascular Center Research Institute, Japan)
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The 52nd Fall Conference of the Korean Society of Lipidology & Atherosclerosis
# Special Session on Clinical Trials

13:20-14:00  September 10(Sat)  -  Grand Ballroom B(3F)

Chairperson: Sung-Rae Kim

**SSCT 1. (Pfizer) Efficacy and Safety of Statin in Prospective DK Statin Registry**

Chang-Wook Nam (Keimyung University, Korea)  

**SSCT 2. (Dong-A ST) The Efficacy and Safety of Moderate Dose Rosuvastatin in Korean Patients**

Seonghoon Choi (Hallym University, Korea)

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# Luncheon Symposium 1 - MSD

11:50-13:20,  September 9(Fri)  -  Grand Ballroom A+B+C(3F)

Chairperson: Bong Soo Cha

**LS 1. (MSD) Beyond Statin Monotherapy: Benefit of Ezetimibe/Statin Combination in High Risk Patients**

Kyung Woo Park (Seoul National University, Korea)

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# Luncheon Symposium 2 - AstraZeneca

11:50-13:20,  September 10(Sat)  -  Grand Ballroom A+B+C(3F)

Chairperson: Hyeong Joon Yoo

**LS 2-1. Triglyceride Rich Lipoproteins: The Next Frontier in Atherosclerosis?**

Stephen J. Nicholls (University of Adelaide, Australia)

**LS 2-2. Benefit Your T2DM Patients by Early Initiation of Metformin/SGLT-2I Combination Treatment**

Yong-ho Lee (Yonsei University, Korea)

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# Breakfast Symposium - Takeda / Novartis

07:30-08:30,  September 10(Sat)  -  Grand Ballroom A+B+C(3F)

Chairperson: Hyun Jae Kang

**BS 1. (Takeda) The Optimized DPP4 Inhibitor in Treatment of T2DM Patients with Atherogenic Risk**

Sang Youl Rhee (Kyung Hee University, Korea)

**BS 2. (Novartis) DM and NAFLD - The Role of Vildagliptin**

Kwang Joon Kim (Yonsei University, Korea)
OP 1-1 Remnant Cholesterol as a Cause of Cardiovascular Disease
Anette Varbo*, Børge G. Nordestgaard
Herlev and Gentofte Hospital, Copenhagen University Hospital, Denmark

OP 1-2 Negative Statin News Stories, Statin Discontinuation and Increased Cardiovascular Disease
Sune Fallgaard Nielsen*, Børge Grønne Nordestgaard
Department of Clinical Biochemistry, Herlev and Gentofte Hospital, Copenhagen University Hospital, Denmark

OP 1-3 Familial Combined Hyperlipidaemia and Elevated Lipoprotein(a) as Phenotypic Mimics of Familial Hypercholesterolaemia: Frequencies, Associations and Prediction of CAD
Katrina Ellis*
School of Medicine and Pharmacology, University of Western Australia1, Department of Clinical Biochemistry, PathWest Laboratory Medicine WA, Royal Perth Hospital and Fiona Stanley Hospital Network2, School of Pathology and Laboratory Medicine, University of Western Australia3, Lipid Disorders Clinic, Department of Cardiology, Royal Perth Hospital, Australia4

OP 1-4 Fibroblast Growth Factor 21 is the Better Adipokine in Prediction of Incident Diabetes
Yu Cho Woo1,2*, Chi Ho Lee2, Carol HY Fong2, Aimin Xu2, Annette WK Tso2, Bernard MY Cheung2, Karen SL Lam2
Department of Medicine, Queen Mary Hospital1, Department of Medicine, The University of Hong Kong, Hong Kong2

OP 1-5 The Impact of Familial Cardiovascular Risk Factors on Gestational Hypertensive Disease and Diabetes: The Korean Nurses’ Survey
Chang-Hwan Yoon*
Seoul National University Bundang Hospital, Korea

OP 1-6 Roles of Circulating Adipocyte Fatty-acid Binding Protein and Fibroblast Growth Factor 21 in the Prediction of Incident Coronary Heart Disease among Chinese Subjects with Type 2 Diabetes
Chi Ho Lee1,2*, Yu Cho Woo1, Wing Sun Chow1, Carol Ho Yi Fong1, Michele Mae Ann Yuen1, Aimin Xu1,3, Karen Lam1,2
Department of Medicine, The University of Hong Kong1, Research Center of Heart, Brain, Hormone and Healthy Aging, The University of Hong Kong, Pokfulam2, State Key Laboratory of Pharmaceutical Biotechnology, The University of Hong Kong, Pokfulam, Hong Kong3

OP 1-7 Vascular Inflammation is Associated with Periodontal Inflammation Evaluated by FDG-PET/CT
Tomohisa Nakamura1*, Hayato Kaida2, Munehisa Bekki1, Yoichi Sugiyama1, Atsuko Tahara1, Akira Honda1, Sachio Igata1, Yoshihiro Fukumoto1, Nobuhiro Tahara1
Department of Medicine, Division of Cardiovascular Medicine, Kurume University School of Medicine1, Department of Radiology, Kinki University Faculty of Medicine, Japan1

OP 1-8 Associations Between Dietary Food Patterns and Metabolic Syndrome Risks in Adolescents - Findings from a Population-based Study in Malaysia
Leng Huat Foo*, Pey Sze Teo, Nurul-Fadhilah Abdullah, Yin Siew Wen
School of Health Sciences, Universiti Sains Malaysia, Health Campus, Kubang Kerian 16150, Kelantan, Malaysia

OP 1-9 International Comparison of Services and Facilities for the Care of Familial Hypercholesterolaemia (FH)
Jing Pang*, Dick C Chan, Gerald F Watts
School of Medicine and Pharmacology, University of Western Australia, Perth, Western Australia, Australia
OP 1-10 Matured Proprotein Convertase Subtilisin/Kexin Type 9 Associates with Coronary Atherosclerosis in Familial Hypercholesterolemia: Insights from Intravascular Ultrasound Analysis
Yu Kataoka1*, Tenuo Noguchi1, Satoshi Yasuda1, Mariko Harada-Shiba2
National Cerebral & Cardiovascular Centre, Department of Cardiovascular Medicine1, National Cerebral & Cardiovascular Centre Research Institute, Department of Molecular Innovation in Lipidology, Japan1

OP 1-11 Effects of Tamoxifen and Aromatase Inhibitors on Incidence of Fatty Liver in Postmenopausal Women with Breast Cancer: A Propensity Score-matched Cohort Study
Namki Hong1*, Han Gyul Yoon1, Da Hea Seo1, Seho Park2, Seung Il Kim2, Joo Hyuk Sohn1, Yumie Rhee1
Department of Internal Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul1, Department of Surgery, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea2

OP 1-12 Polymorphic Association of CD36 Gene with BMI and Dyslipidemia in Case of Type 2 Diabetes: Pedigree Study from North Indian Region
Sunaina Gautam1*, C.G. Agarawal1, Monisha Banerjee2
Molecular and Cell Biology Laboratory, Department of Biochemistry, King George’s Medical University, Lucknow1, Molecular and Human genetics Laboratory, Department of Zoology, University of Lucknow, Lucknow, India2

OP 2-1 The Effect of Nox Inhibition on Homocysteine-induced Endothelial Dysfunction
Renee Smith1*, Grant R. Drummond2, Sudarshan Rai1, Alan Hayes1, Anthony Zulli1
Centre for Chronic Disease (CCD), College of Health and Biomedicine, Victoria University1, Department of Pharmacology, Monash University, Australia2

OP 2-2 A Novel Myokine Neuron-derived Neurotrophic Factor Modulates Endothelial and Cardiac Function in a Model of Myocardial Infarction
Koji Ohashi1*, Toyoaki Murohara2, Noriyuki Ouchi1
Molecular Cardiovascular Medicine, Nagoya University Graduate School of Medicine1, Department of Cardiology, Nagoya University Graduate School of Medicine, Japan1

OP 2-3 HDAC4 and GATA6 Regulate Arterial Remodeling in Angiotensin II-Induced Hypertension
Hae Jin Kee1*, Gwi Ran Kim1, Soo-Na Cho1, Hae Jin Kee1, Sin Young Choi1, Yuhee Ryu1, Mng Quan Lin1, Li Jin1, Hyung-Seok Kim2, Myung Ho Jeong2, Myung Ho Jeong2
Heart Research Center of Chonnam National University Hospital, Gwangju1, Department of Forensic Medicine, Chonnam National University Medical School, Gwangju, Korea2

OP 2-4 PCSK9 Modulates the Secretion but not the Cellular Uptake of Lipoprotein (a) Ex Vivo: An Effect Blunted by Alirocumab
Gilles Lambert*
Université de la Réunion Faculté de Médecine, Inserm UMR 11882, France

OP 2-5 Policosanol Enhanced Cholesterol Efflux Capacity and Insulin Secretion Activity in Reconstituted High-density Lipoprotein (rHDL)
Kr-Hoon Park*, Kyung-Hyun Cho
Department of Medical Biotechnology, Yeungnam University, Gyeongsan, Korea1, Research Institute of Protein Sensor, Yeungnam University, Gyeongsan2, BK21plus Program Serum Biomedical Research and Education Team, Yeungnam University, Gyeongsan, Korea3
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Peter Psaltis1*, Deborah Toledo-Flores1, Nisha Schwarz1, Belinda Di Bartolo1, Sinny Delacroix1, Amrutesh Puranik2, Robert D. Simari3, Stephen J. Nicholls1

Discipline of Medicine, University of Adelaide & Heart Health Theme, South Australian Health and Medical Research Institute, Adelaide, SA, Australia1, Division of Cardiovascular Disease, Mayo Clinic, Rochester, MN, USA2, University of Kansas School of Medicine, Kansas City, KS, USA3

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Wan Seok Kang1*, Su Yeon Lim1,2, Hyen Chung Cho1, Ju Hee Kim1,2, Goo Taeg Oh1, Yong Sook Kim1,4, Youngkeun Ahn1,5

Research Laboratory of Cardiovascular Regeneration, Chonnam National University Hospital, Gwangju1, Center for Molecular Medicine, Graduate School, Chonnam National University, Gwangju2, Department of Life Sciences, Ewha Womans University, Seoul3, Biomedical Research Institute, Chonnam National University Hospital, Gwangju4, Department of Cardiology, Chonnam National University Hospital, Gwanju, Korea5

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Jiyoung Yeo1*, Nari Kim2

Cardiovascular and Metabolic Disease Center, Inje University, Busan1, Department of Physiology, College of Medicine, Inje University, Busan, Korea2

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Deborah Toledo Flores1*, Nisha Schwarz1, Belinda Di Bartolo1, Amrutesh Puranik2, Robert D. Simari3, Stephen J. Nicholls1, Peter J. Psaltis1

Discipline of Medicine, University of Adelaide & Heart Health Theme, South Australian Health and Medical Research Institute, Adelaide, SA, Australia1, Division of Cardiovascular Disease, Mayo Clinic, Rochester, MN, USA2, University of Kansas School of Medicine, Kansas City, KS, USA3

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Yoshimasa Takafuji1*, Mika Hori1, Toshihide Mizuno2, Mariko Harada-Shiba1

Department of Molecular Innovation in Lipidology, National Cerebral and Cardiovascular Center Research Institute1, Department of Artificial Organs, National Cerebral and Cardiovascular Center Research Institute, Japan2

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Na Young Ko1*, Jong-Gil Park2, Se-Jin Jeong1, Goo Taeg Oh1

Department of Life Sciences, Ewha Womans University, Seoul1, Biotherapeutics Translational Research Center, Korea Research Institute of Bioscience & Biotechnology, Daejeon, Korea2

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Robert Raffai1,2*

University of California, San Francisco1, San Francisco VA Medical Center, USA2

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Chairpersons: Kyung-Hyun Cho, Min Kyong Moon, Byung Jin Kim

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Juhyun Song1*, Oh Yoen Kim2

Department of Neurology, Chonnam National University Medical School, Gwangju1, Department of Food Science and Nutrition, Dong-A University, Busan, Korea2
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Bhaskar Sharma1*, Gaurav Sharma1, S.C. Joshi2, Nakulshwar Dut Jasuja1, Sunil Kumar Singh3, Md. Sufiyan Siddiqui1
School of Sciences, Suresh Gyan Vihar University, Jaipur Rajasthan India1, Reproductive Toxicology Unit, Center for advanced studies, Department of Zoology, University of Rajasthan, Jaipur, India2, Department of Pharmacognosy, United Institute of Pharmacy, Allahabad, India3

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Marina Vargas*
Department of Science and Technology, Food and Nutrition Research Institute, Philippines

PP 1-2-2 Aortic Knob Width as a Surrogate Marker of Aortic Pulse Pressure
Won Kyeong Jeon1*, Sang-Hyun Kim1, Myung-A Kim1, Young-Bae Park2, Hack-Lyoung Kim1
Department of Internal Medicine, SMG-SNU Boramae Medical Center, Seoul1, Department of Internal Medicine, Healthcare System Gangnam Center of Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Korea2

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Joo Wook Sung*, Byung Jin Kim
Division of Cardiology, Department of Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea

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PP 2-1-1 Gene Environment Interaction Responsible for Essential Hypertension in Young North Indians
Qulsoom Naz1,2*, Narsingh Verma1, M. Seraujuddin2, A.A. Mehdi1, M.L. Patel1
King George Medical University, Lucknow, India1, University of Lucknow, Lucknow, India2

PP 2-1-2 Enhancing the Ability of Macrophages to Orchestrate Selective Autophagy and Lysosomal Biogenesis Protects Against Atherosclerosis
Ismail Sergin*, Somashubhra Bhattacharya, Xiangyu Zhang, Trent D. Evans, Roy Emanuel, Babak Razani
Cardiovascular Division, Department of Medicine, Washington University in St. Louis, USA

PP 2-1-3 Treatment of Hypertriglyceridemia by Fenofibrate in Patients with Cardiovascular Risk: Subgroup Analysis of Real-world Results
Yeongmin Woo1*, Chi-Yoon Oum2, In-Cheol Kim1, Sungha Park1, Seok-Min Kang1, Donghoon Choi1, Sang-Hak Lee1
Division of Cardiology, Department of Internal Medicine, Yonsei University College of Medicine, Seoul1, Department of Biostatistics and Computing, Yonsei University Graduate School, Seoul, Korea2

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Jonghanne Park1*, Bo Ram Yang2,3, So-hyun Choi1,2, Taemin Rhee1, Joongyub Lee2,3, Dong Ki Kim4, Hyoung Jae Kang1
Division of Cardiology, Department of Internal Medicine, Seoul National University Hospital, Seoul1; Department of Preventive Medicine, Seoul National University College of Medicine, Seoul2; Medical Research Collaborating Center, Seoul National University Hospital, Seoul1; Division of Nephrology, Department of Internal Medicine, Seoul National University Hospital, Seoul1, Korea4

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Divya Dasagrandhi*, Arul Salomee Kamalabai R, Jayachandran Kesavan Swaminathan
Bharathidasan University, Tiruchirappalli - 620024, Tamil Nadu, India
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The Catholic University of Korea, Korea

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Department of Endocrinology and Metabolism, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea

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Jongsin Park*, Eun Seo Lee, Da Young Lee, Ji-hyun Kim, Se Eun Park, Cheol-Young Park, Won-Young Lee, Ki-Won Oh, Sung-Woo Park, Eun-Jung Rhee
Department of Endocrinology and Metabolism, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea

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HyungSeok Kim1*, Hye-Won Ryu1, Jong-Tae Park1, Man-Seok Park2, Kang-Ho Choi2
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Division of Cardiology, Department of Internal Medicine, SMG-SNU Boramae Medical Center, Seoul National University College of Medicine, Seoul1, Division of Cardiology, Healthcare System Gangnam Center of Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Korea2

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Chonnam National University Hospital, Gwangju, Korea

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Chonnam National University Hospital, Gwangju, Korea

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Korea University Anam Hospital, Seoul, Korea

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Korea University Anam Hospital, Seoul, Korea

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Department of Life Science, Ewha Womans University, Seoul, Korea1, Center for Cardiovascular Research, Department of Cardiology, Department of Medicine, Washington University School of Medicine, USA1

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Sung Ryul Lee¹*, Jin Hani², Se Chan Kang³
Department of Integrated Biomedical Science, Cardiovascular and Metabolic Disease Center, Inje University College of Medicine¹, Department of Physiology, Cardiovascular and Metabolic Disease Center, Inje University College of Medicine², Department of Oriental Medicine Biotechnology, College of Life Sciences, Kyung Hee University, Yongin-si, Gyeonggido, Korea³

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Division of Cardiology, Department of Internal Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul¹, Department of Clinical Pharmacology and Therapeutics, College of Medicine, Kyung Hee University, Seoul, Korea²

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Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University College of Medicine, Seoul, Korea

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Department of Medical Biotechnology, Yeungnam University, Gyeongsan¹, Research Institute of Protein Sensor, Yeungnam University, Gyeongsan², BK21plus Program Serum Biomedical Research and Education Team, Yeungnam University, Gyeongsan, Korea³
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Seong-Min Kim*, Kyung-Hyun Cho  
Department of Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute  
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Department of Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute  
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Research and Education Team, Yeungnam University, Gyeongsan, Korea3  

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Department of Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute  
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Research and Education Team, Yeungnam University, Gyeongsan, Korea3  

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Department of Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute  
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Jihoon Lee*, Jae Yong Kim, Kyung-Hyun Cho  
Dept. of Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute of Protein  
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Eun-Young Lee*, Kyung-Hyun Cho  
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Seo Young Lee1*, Min Kyong Moon12, Bo Kyung Koo12  
Department of Internal Medicine, Seoul National University College of Medicine, Seoul1, Department  
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Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University College of Medicine, Seoul, Korea

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Department of Nutritional Sciences and Food Management, Ewha Womans University, Seoul, Korea

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Department of Internal Medicine, Seoul National University College of Medicine, Seoul1, Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea2

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Eun-Jung Rhee*, Eun Seo Lee, Da Young Lee, Jihyun Kim, Se Eun Park, Cheol-Young Park, Won-Young Lee, Ki-Won Oh, Sung-Woo Park
Department of Endocrinology and Metabolism, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Korea

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Kyoung Hwa Ha1,2*, Jee-Seon Shim3, Hyeon Chang Kim4, Dae Jung Kim1
Department of Endocrinology and Metabolism, Ajou University School of Medicine, Suwon1, Cardiovascular and Metabolic Disease Etiology Research Center, Ajou University School of Medicine, Suwon2, Cardiovascular and Metabolic Disease Etiology Research Center, Yonsei University College of Medicine, Seoul1, Department of Preventive Medicine, Yonsei University College of Medicine, Seoul, Korea4

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Kyong Yeun Jung1,2, Hwa Young Ahn2, Sun Kyong Han3, Young Joo Park4, Min Kyong Moon5
Department of Internal Medicine, Eulji General Hospital, Seoul1, Department of Internal Medicine, Chung-Ang University Hospital, College of Medicine, Chung-Ang University, Seoul2, Clinical Research Institute, Seoul National University Hospital, Seoul3, Department of Internal Medicine, Seoul National University Hospital and Seoul National University College of Medicine, Seoul4, Department of Internal Medicine, Seoul Metropolitan Government Boramae Medical Center, Seoul, Korea5

[PE 47~PE 55] Management of Atherosclerosis, Hypertension, and Dyslipidemia
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Sunghwan Suh1*, Chang Hee Jung2, Soon-Jun Hong3, Jung-Sun Kim4, Byung Joo Song5, Hyun Soon Sohn5, Sung Hee Choi6
Dong-A University Medical Center, Busan1, Asan Medical Center, Seoul2, Korea University College of Medicine, Seoul3, Yonsei University College of Medicine, Seoul4, College of Pharmacy, CHA University, Seongnam5, Seoul National University Bundang Hospital, Seoul, Korea6

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Department of Internal Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul1, Department of Internal Medicine, Chonnam National University Medical School, Gwangju2, Department of Biostatic, The Catholic University of Korea, Seoul3, Department of Internal Medicine, St. Vincent’s Hospital, College of Medicine, The Catholic University of Korea, Suwon4, Department of Internal Medicine, Cardiovascular and Metabolic Center, Inje University Sanggye Paik Hospital, Inje University College of Medicine, Seoul, Korea5

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Youngsook Ahn*, Eun Kyoung Oh, Yeni Lim, Oran Kwon
Department of Nutritional Science and Food Management, Ewha Womans University, Seoul, Korea

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Mi Seon Ji*, Youngkeun Ahn, Myung Ho Jeong
Chonnam National University Hospital, Gwangju, Korea

PE 53  The Function of Mitochondrial Catalytic Enzyme 3 as Anti-atherogenic Protein in Hyperlipidemic Mice
Shin Kyoung Hur*, Ji Young Yoo, Seung Hee Park, Se-Jin Jeong, Goo Taeg Oh
National Creative Initiatives Center for Immune and Vascular Cell Network, Ewha Womans University, Seoul, Korea

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So-Youen Choi1*, Soo-Jun Hong2, Seung Hwan Han3, Young Jin Choi4, Tae-Hoon Ahn5
Department of Cardiology, Ajou University Hospital, Suwon1, Department of Cardiology, Korea University Anam Hospital, Seoul2, Department of Cardiology, Gachon University Gil Hospital, Inchon3, Department of Cardiology, Sejong General Hospital, Puchon, Korea4

PE 55  Analysis of Adverse Events Associated with HMG-CoA Reductase Inhibitor in Korea
Hyunah Kim1*, Namhyo Kim1, Da Hee Lee2, Yoo Jin Jeong3, Tong Min Kim3, So Jung Yang2, Sun Jung Baik3, In Young Choi3, Hun-Sung Kim4
College of Pharmacy, SooKmyoung Women’s University, Seoul1, Department of Biostatistics, Korea University College of Medicine, Seoul1, Department of Medical Informatics, College of Medicine, The Catholic University of Korea, Seoul1, Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University, Korea1

[PE 56–PE 62] Nutritional Aspects of Atherosclerosis

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Kshitij Bhardwaj1*, Narsingh Verma1, Shipra Dixit1, Neha Shukla1
Senior Research Fellow, King George Medical University, Lucknow1, Jaipur National University, Jaipur, India1
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Yoonjin Shin*, Seohyun Lee, Sunyoon Jung, Yangha Kim
Department of Nutritional Science and Food Management, Ewha Womans University, Seoul, Korea

PE 58  Relationship between Circulating Neutrophil Gelatinase-associated Lipocalin and Early Alteration of Metabolic Parameters was Associated with Dietary Saturated Fat Intake in Non-diabetic Korean Women
Ga Yoon Na*, So Ra Yoon, Juhyun An, Rim Kyo Yeon, Juhyun Song, Oh Yoen Kim
Department of Food Science and Nutrition, Dong-A University, Brain Busan 21 Project, Busan1, Department of Biomedical Engineering, Dongguk University, Korea2

PE 59  Relations of Dietary Fat Intake to Metabolic Syndrome in Korean Adults: Results from Korea National Health and Nutritional Examination Survey (KNHANES) VI (2013)
Kyong Won Lee*, Yoonsu Cho, Garam Jo, Yoo Kyoung Park, Min-Jeong Shin
Department of Food and Nutrition, College of Health Science, Korea University, Seoul1, Department of Public Health Sciences, BK21PLUS Program in Embodiment: Health-Society Interaction, Graduate School, Korea University, Seoul1, Department of Medical Nutrition, Graduate School of East-West Medical Science, Kyung Hee University, Seoul, Korea2

PE 60  Association between Alcohol Consumption and the 10-year Risk of Coronary Heart Disease in Korean Adults
Hyungjo Kim*, Hyewon Wang, Buyoung Jo, Nuri Jun, Inkyung Baik
Department of Foods and Nutrition, College of Natural Sciences, Kookmin University, Seoul, Korea

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Hyewon Wang*, Hyungjo Kim, Buyoung Jo, Nuri Jun, Inkyung Baik
Department of Foods and Nutrition, College of Natural Sciences, Kookmin University, Seoul, Korea

PE 62  Influences of Dietary Carbohydrate and Fat Intakes on Lipid Abnormalities in the Korean Adult Population
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The Catholic University of Korea, Seoul, Korea1, Michigan State University, USA2

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Kaushalya Kulathunga1,3*, Michito Hamada1, Mai Thi Nhu Tran1, Yukiko Hiraishi1, Tomoki Sakasai2, Yoshihiro Miwa2, Satoru Takahashi1,3
Department of Anatomy and Embryology, University of Tsukuba1, Department of Molecular Pharmacology, University of Tsukuba2, School of Integrative and Global Majors, University of Tsukuba, Japan1

PE 64  Diagnostic Potential of Circulating Plasma DNA for Pregnancy Associated Complications: A Non-invasive Approach
Deepika Misra1*, Sonali Yadav2, Renu Singh3, Monisha Banerjee1
Molecular & Human Genetics Lab, Department of Zoology, University of Lucknow, Lucknow1, Department of Microbiology, King George’s Medical University, Lucknow2, Department of Obstetrics & Gynecology, King George’s Medical University, Lucknow2-226003, India3
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<td>Faculty of Medicine, University of Airlangga, Surabaya1, Faculty of Medicine, University of Muhammadiah, Jogjakarta2, Koja General Hospital, Jakarta, Indonesia3</td>
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<tbody>
<tr>
<td>Sung Ryul Lee1*, Se Chan Kang2, Dae Yun Seo3, Nam-Mi Park3, Nari Kim3, Jin Han3</td>
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<tr>
<td>Department of Integrated Biomedical Science, Cardiovascular and Metabolic Disease Center, College of Medicine, Inje University1, Department of Oriental Medicine Biotechnology, College of Life Sciences, Kyung Hee University, Yongin-si, Gyeonggi-do2, Department of Physiology, Cardiovascular and Metabolic Disease Center, College of Medicine, Inje University, Korea3</td>
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<tr>
<td>Hyoung Kyu Kim*, Sung Ryul Lee, Jubert Marquez, Nari Kim, Kyung Soo Ko, Byoung Doo Rhee, Jin Han</td>
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<tr>
<td>Cardiovascular and Metabolic Disease Center, Department of Health Sciences and Technology, BK21 Project Team, Department of Physiology, Inje University, Busan, Korea</td>
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<tr>
<td>Chung-Hyun Cho*</td>
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<tr>
<td>Department of Pharmacology, Seoul National University College of Medicine, Seoul, Korea</td>
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<td>Yu Mi Kang1*, Ye-Jee Kim2, Joong-Yeol Park1, Woo Je Lee1, Chang Hee Jung1</td>
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<tr>
<td>Department of Internal Medicine, Asan Medical Center, Seoul1, Department of Clinical Epidemiology and Biostatistics, Asan Medical Center, Seoul, Korea2</td>
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<td>Ji Hye Huh1*, Kwang Joon Kim2,3, Byung-Wan Lee3</td>
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<td>Division of Endocrinology and Metabolism, Department of Internal Medicine, Yonsei University Wonju College of Medicine1, Severance Executive Healthcare Clinic, Severance Hospital, Seoul1, Division of Endocrinology and Metabolism, Department of Internal Medicine, Yonsei University College of Medicine, Korea3</td>
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<td>Jae-Yong Kim1,3*, Eun-Young Lee1,3, Ki-Hoon Park1,3, Kyung-Hyun Cho1,2</td>
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<td>Dep. Medical Biotechnology, Yeungnam University, Gyeongsan1, Research Institute of Protein Sensor, Yeungnam University, Gyeongsan2, BK21plus Program Serum Biomedical Research and Education Team, Yeungnam University, Gyeongsan, Korea3</td>
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Ju Hee Choi¹*, Nan Hee Kim¹, Hyun Joo Cho¹, Seori Kim², Ji Hyo Seo¹, Hyun Jung Lee¹, Ji Hee Yu¹, Hye Soo Chung¹, Hye Jin Yoo¹, Ji A Seo¹, Sin Gon Kim¹, Sei Hyun Baik¹, Dong Seop Choi¹, Chol Shin³, Kyung Mook Choi¹
Division of Endocrinology and Metabolism, Department of Internal Medicine, Korea University, Seoul¹, Division of Epidemiology and Health Index, Center for Genome Science, Korea National Institute of Health, Korea Center for Disease Control and Prevention, Cheongju², Department of Internal Medicine, Division of Pulmonary and Critical Care Medicine, College of Medicine, Korea University, Seoul, Korea³

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Cardiovascular Center & Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam¹, Department of Biomedical Sciences, Seoul National University Graduate School, Seoul², Innovative Research Institute for Cell Therapy, Seoul National University Hospital, Seoul, Korea³

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Young-ah Mun¹*, Yoonjin Shin², Seog-Young Kim², Yangha Kim²
Department of Clinical Nutrition, Graduate School of Clinical Health Sciences, Ewha Womans University, Seoul¹, Department of Nutritional Sciences and Food Management, Ewha Womans University, Seoul, Korea²

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Hye Young Park*, Miae Doo, Bori Kang, Yangha Kim
Department of Nutritional Science and Food Management, Ewha Womans University, Seoul, Korea

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Min Jung Lee*, Hyunju Kim
Industrial Technology Research Group, World Institute of Kimchi, Korea

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Hyun Min Kim*
Department of Internal Medicine, Chung-Ang University College of Medicine, Seoul, Korea

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School of Food Science, Kyungil University, Korea

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Severance Integrative Research Institute for Cerebral and Cardiovascular Disease, Yonsei University Health System, Seoul1, Department of Biotechnology Yonsei University, Seoul, Korea2

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Buyoung Jo*, Hyewon Wang, Hyungjo Kim, Nuri Jun, Inkyung Baik
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Department of Foods and Nutrition, College of Natural Sciences, Kookmin University, Seoul, Korea

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Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Seoul1, Institute of Catholic Ubiquitous Health Care, The Catholic University of Korea, Seoul, Korea2
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