

# Contents

Welcome message	02
Organization	03
Floor plan	06
Program at a glance	08
Scientific program	11
• Plenary lecture	
• Official program	
• Day 1 Thursday, April 9	
• Day 2 Friday, April 10	
• Day 3 Saturday, April 11	
Poster oral session	44
Poster exhibition	51
Useful information	95

## Welcome message

Dear Colleagues,

It is with great honor and anticipation that we welcome you to the 14th Seoul International Congress of Endocrinology and Metabolism (SICEM 2026) in conjunction with the 45th Annual Scientific Meeting of the Korean Endocrine Society, to be held from April 9 to 11, 2026, at the Hyatt Incheon, Korea.

Last year, under the theme “Facing the Challenges,” SICEM 2025 provided a vital platform for exploring how our field can respond to an era of transformation. The active participation of researchers and clinicians from around the globe led to meaningful academic exchange and collaboration, reaffirming SICEM’s role as a leading international congress in endocrinology and metabolism.

Building on this strong foundation, SICEM 2026 aims to take an even greater leap forward. This year’s theme, “Together Toward Tomorrow: Innovation in Endocrinology,” embodies our shared aspiration to shape the future of endocrinology through innovation, scientific excellence, and global collaboration. From groundbreaking basic science to the latest clinical practices and technological innovations, the congress will present a comprehensive program that reflects the dynamic progress of our discipline.

More than an academic gathering, SICEM 2026 will serve as a forum to foster cross-generational and international collaboration, offering opportunities for young investigators to build new networks and for established experts to exchange ideas that will set new directions for the field.

This April, Incheon—where tradition meets modern vitality—will welcome you with the beauty of spring blossoms and an inspiring setting for meaningful discussions. We are confident that SICEM 2026 will not only enrich your academic journey but also open new pathways for collaboration and discovery that will shape the future of endocrinology.

Your passion and dedication will be the driving force behind the success of this congress, and together we will move endocrinology toward a brighter tomorrow. We sincerely look forward to welcoming you in Incheon.

Sincerely,



**Je Byung Park**  
M.D., Ph.D.  
Chairperson

Korean Endocrine Society



**Eun-Gyoung Hong**  
M.D., Ph.D.

President  
Board of Directors  
Korean Endocrine Society



**Eun Seok Kang**  
M.D., Ph.D.

Director  
Committee of Scientific Affairs  
Korean Endocrine Society

## Organization

### Korean Endocrine Society Board (2026)

<b>Chairperson</b>	Je Byung Park (Gachon University, Korea)
<b>President, Board of Directors</b>	Eun-Gyoung Hong (Hallym University, Korea)
<b>Vice-Chairperson</b>	Seok O Park (Baksem Internal Medicine Clinic, Korea)
	Man Ho Choi (Korea Institute of Science and Technology, Korea)
	Hyeong Kyu Park (Soonchunhyang University, Korea)
	Eun-Sook Kim (University of Ulsan, Korea)
<b>Auditor</b>	Tae-Geun Oh (Chungbuk National University, Korea)
	Seong-Bin Hong (Inha University, Korea)
<b>Director of committee</b>	
General Affairs	Sung Hoon Yu (Hanyang University, Korea)
Scientific Affairs	Eun Seok Kang (Yonsei University, Korea)
International Liaison	Sung Hee Choi (Seoul National University, Korea)
Training	Jong Chul Won (Gimpo Woori Hospital, Korea)
Research	Hayoung Kim (University of Ulsan, Korea)
Publication	Young-Joo Park (Seoul National University, Korea)
Health Insurance	Sangmo Hong (Hanyang University, Korea)
Legislation	Junghyun Noh (Inje University, Korea)
Public Relation	Jun-Goo Kang (Hallym University, Korea)
Informatics	Mee Kyoung Kim (The Catholic University of Korea, Korea)
Board Examination	Ohk-Hyun Ryu (Hallym University, Korea)
Planning	Chul Sik Kim (Yonsei University, Korea)
Ethics	Yang Ho Kang (Pusan National University, Korea)
Clinical Practice Guideline	Mikyung Kim (Inje University, Korea)
Medical Practitioner	Eui Dal Jung (Daegu Internal Medicine Clinic, Korea)
Education	Sang Yong Kim (Chosun University, Korea)
Big Data	Hun-Sung Kim (The Catholic University of Korea, Korea)
Social Responsibility	Suk Chon (Kyung Hee University, Korea)
Future Endocrinologist Sustainability	Nam Hoon Kim (Korea University, Korea)
Diversity, Equity, and Inclusion	Yumie Rhee (Yonsei University, Korea)
Government Affairs	Dae Jung Kim (Ajou University, Korea)
Specialized Endocrine Care Fee Development	Gwan Pyo Koh (Jeju National University, Korea)

# Organization

## Korean Endocrine Society Board (2026)

Domestic Liaison	Soo Lim (Seoul National University, Korea)
Endocrine U-Health	Jae Hyoung Cho (The Catholic University of Korea, Korea)
Rules and Policies Management	Tae Yong Kim (University of Ulsan, Korea)
Media & Public Communication	Jae Hyuk Lee (Myongji Hospital, Korea)
Special Affairs	Soo-Kyung Kim (CHA University, Korea)
	Heung Yong Jin (Jeonbuk National University, Korea)
Treasurer	Soo-kyung Kim (CHA University, Korea)
Administrative Council	Hyuk Sang Kwon (The Catholic University of Korea, Korea)
Senior Vice-Secretary General	Dong Yeob Shin (Yonsei University, Korea)
Vice-Secretary General	Seung Jin Han (Ajou University, Korea)
	Beom-Jun Kim (University of Ulsan, Korea)
	Jung Hwan Park (Hanyang University, Korea)
	Jin Hwa Kim (Chosun University, Korea)
	Bo-Yeon Kim (Soonchunhyang University, Korea)
	Mi Hae Seo (Soonchunhyang University, Korea)
	Kyung-Soo Kim (CHA University, Korea)
	Hoon Sung Choi (Chung-Ang University, Korea)
	Daham Kim (Yonsei University, Korea)
	Yun Mi Choi (Hallym University, Korea)
Sung Hye Kong (Seoul National University, Korea)	

## Committee of Scientific Affairs

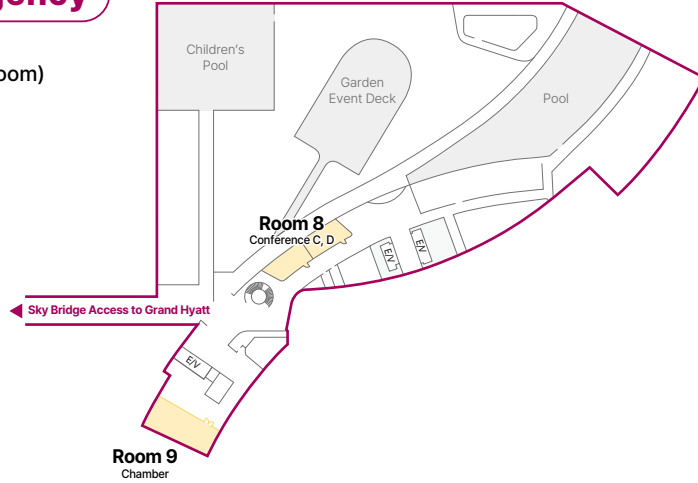
<b>Director</b>	Eun Seok Kang (Yonsei University, Korea)
<b>Secretary</b>	Sang-Man Jin (Sungkyunkwan University, Korea)
	Kyung-Soo Kim (CHA University, Korea)

<b>Diabetes/Obesity/Lipid (clinical)</b>		
Team Leader	Jae-Seung Yun (The Catholic University of Korea, Korea)	
Member	Sun Joon Moon (Sungkyunkwan University, Korea)	Jae Hyun Bae (Seoul National University, Korea)
	Tae Jung Oh (Seoul National University, Korea)	Seung-Hwan Lee (The Catholic University of Korea, Korea)
	Ji Hye Huh (Hallym University, Korea)	
<b>Diabetes/Obesity/Lipid (basic)</b>		
Team Leader	Dongryeol Ryu (Gwangju Institute of Science and Technology, Korea)	
Member	Obin Kwon (Seoul National University, Korea)	Kyeong Jin Kim (Inha University, Korea)
	Joonyub Lee (The Catholic University of Korea, Korea)	Dong Wook Choi (Korea University, Korea)
	Sungsoon Fang (Yonsei University, Korea)	
<b>Thyroid</b>		
Team Leader	Dong Yeob Shin (Yonsei University, Korea)	
Member	Mijin Kim (Pusan National University, Korea)	Seo Young Sohn (Inje University, Korea)
	Young Shin Song (Seoul National University, Korea)	Jee Hee Yoon (Chonnam National University, Korea)
	Min Ji Jeon (University of Ulsan, Korea)	Chaiho Jeong (The Catholic University of Korea, Korea)
<b>Bone/Muscle/Aging</b>		
Team Leader	Beom-Jun Kim (University of Ulsan, Korea)	
Member	Mi Kyung Kwak (Hallym University, Korea)	Kyoung Jin Kim (Korea University, Korea)
	Bukyung Kim (Kosin University, Korea)	Jeongmin Lee (The Catholic University of Korea, Korea)
	Serk In Park (Korea University, Korea)	Wonbong Lim (Inha University, Korea)
<b>Pituitary/Adrenal/Gonad</b>		
Team Leader	Cheol Ryong Ku (Yonsei University, Korea)	
Member	Hansang Baek (The Catholic University of Korea, Korea)	Seung Eun Lee (Dongguk University, Korea)
	You-Bin Lee (Sungkyunkwan University, Korea)	Yoon-A Hwang (Yonsei University, Korea)
	Jung Soo Lim (Yonsei University Wonju College of Medicine, Korea)	
	Eu Jeong Ku (Seoul National University, Korea)	A Ram Hong (Chonnam National University, Korea)

# Floor plan

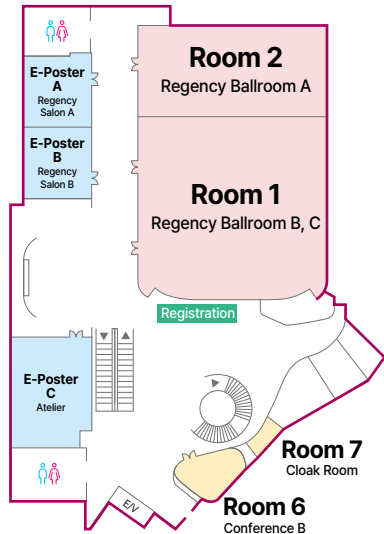
## 2F Hyatt Regency

- Room 8 (Meeting room)
- Room 9 (Vip room)

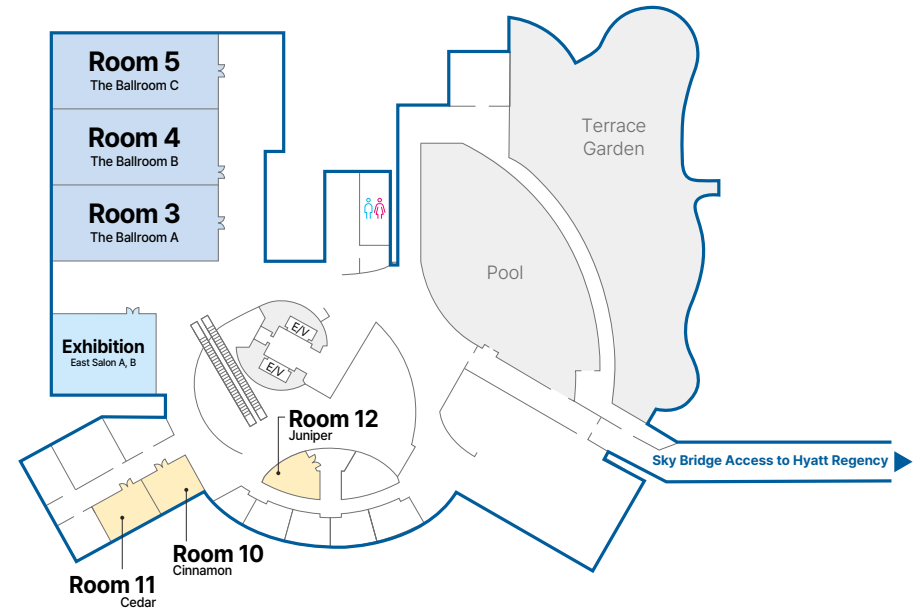


## B1 Hyatt Regency

- Room 1
- Room 2
- E-Poster A (Poster oral)
- E-Poster B (Poster oral)
- E-Poster C (Poster oral)
- Room 6 (Preview room)
- Room 7 (Cloakroom)



## 2F Grand Hyatt



- Room 3
- Room 4
- Room 5
- Exhibition
- Room 10 (Travel grant)
- Room 11 (Souvenir exchange)
- Room 12 (Prayer room)

# Program at a glance

## Day 1 (Thursday, April 9)

Time	Hyatt Regency, B1		Grand Hyatt, 2F		
	Room 1 Regency ballroom B+C	Room 2 Regency ballroom A	Room 3 The Ballroom A	Room 4 The Ballroom B	Room 5 The Ballroom C
14:00-14:30					Young scientist symposium
14:30-16:00			Special interest group (Endocrine R&D Network Study (ERNS) Group) Endocrine strategy for healthy and slow aging	Special interest group (Endocrinology Study Group on Aging and Aged) Senescence in endocrine & metabolic disorders "part 2. systemic integration (Integrative biology of aging)"	
16:00-16:30	Break				
16:30-18:00		SICEM partner highlights: Featured oral session	Special interest group (Korean Endocrine Rare Disease Study Group (KERDS)) Advanced and malignant endocrine diseases: From functional tumors to rare malignancies	Special interest group (Korean Thyroid Study Group) Recent advances in management of thyroid nodules and cancers	A Journey Toward Overcoming Endocrine and Metabolic Diseases: 대한내분비학회 -한국의학박이오기자협회 공동 세션(K)
18:00-18:10	Break				
18:10-20:00	Welcome reception				

## Day 2 (Friday, April 10)

Time	Hyatt Regency, B1		Grand Hyatt, 2F		
	Room 1 Regency ballroom B+C	Room 2 Regency ballroom A	Room 3 The Ballroom A	Room 4 The Ballroom B	Room 5 The Ballroom C
07:30-08:20	Breakfast symposium 1	Breakfast symposium 2			
08:20-08:30	Break				
08:30-10:00	Symposium 1 The new era of ultra-long acting cardiometabolic therapies	Clinical update 1 From guidelines to practice: Evolving strategies in differentiated thyroid cancer	ES-KES joint symposium Advances in osteoporosis and antiresorptive therapy	Symposium 2 Innovations in pituitary medicine: Precision approaches	Symposium 3 Adipose biology
10:00-10:10	Break				
10:10-11:00	Oral session Diabetes/Obesity/Lipid (clinical)	Oral session Thyroid	Oral session Bone/Muscle/Aging	Oral session Pituitary/Adrenal/Gonad	Oral session Diabetes/Obesity/Lipid (basic)
11:00-11:10	Break				
11:10-11:20	Opening address	Opening address (Live broadcast)			
11:20-12:00	Honorary keynote lecture	Honorary keynote lecture (Live broadcast)			
12:00-12:50	Luncheon symposium 1	Luncheon symposium 2	Luncheon symposium 3		
12:50-13:40	Poster oral / exhibition session 1				
13:40-15:10	Symposium 4 Overcoming the limitations of current GLP-1 receptor agonists	Symposium 5 Evolving therapeutic strategies in advanced thyroid cancer	Clinical update 2 Importance of anabolics in metabolic bone diseases	Guideline session Precision guidelines for life-course metabolic care	Symposium 6 Cross-tissue metabolic integration
15:10-15:20	Break				
15:20-16:00	Plenary lecture 1	Plenary lecture 1 (Live broadcast)			
16:00-16:10	Break				
16:10-17:40		Hot topic Hot topics in thyroid diseases	Symposium 7 Translational advances in rare bone disease	Clinical update 3 Bridging innovation and clinical decision-making in pituitary and adrenal disorders	Symposium 8 Immunometabolism
17:40-18:30	Break				
18:30-20:30	Gala dinner				

# Program at a glance

## Day 3 (Saturday, April 11)

Time	Hyatt Regency, B1		Grand Hyatt, 2F		
	Room 1 Regency ballroom B+C	Room 2 Regency ballroom A	Room 3 The Ballroom A	Room 4 The Ballroom B	Room 5 The Ballroom C
07:30-08:20	Breakfast symposium 3	Breakfast symposium 4			
08:20-08:30	Break				
08:30-10:00	Symposium 9 Genetic, epigenetic, and environmental interactions in metabolic disorders	Rising stars in endocrinology	EnM session (K) From writing to responsible AI use: 생성형 AI 활용과 책임 있는 연구 논문 작성	Symposium 10 Adrenal disorders: Current conundrums and future directions	Symposium 11 Pancreatic biology
10:00-10:10	Break				
10:10-10:50	Plenary lecture 2	Plenary lecture 2 (Live broadcast)			
10:50-11:00	Break				
11:00-12:00	Year in review				
12:00-12:50	Luncheon symposium 4	Luncheon symposium 5	Luncheon symposium 6		
12:50-13:40	Poster oral / exhibition session 2				
13:40-14:00	Endocrine quiz				
14:00-14:10	Break				
14:10-14:50	Plenary lecture 3	Plenary lecture 3 (Live broadcast)			
14:50-16:20	Clinical update 4 Transforming diabetes management with connected devices	Symposium 12 Up to dated approach for thyroid dysfunction	Symposium 13 Bone-muscle-fat crosstalk	PCEDM-KES joint symposium Practical approach in treatment of endocrine diseases	Meet the professor (14:50-15:40)
16:20-17:00	Closing ceremony				

# Scientific program

## Honorary keynote lecture



Adrenal

Day 2, Friday, April 10, 11:20-12:00 / Room 1

**Honorary keynote lecture**  
**Primary aldosteronism:**  
**A guideline-driven case-based approach**

William F. Young, Jr. (Mayo Clinic, USA)

## Plenary lecture



Bone/Muscle

Day 2, Friday, April 10, 15:20-16:00 / Room 1

**Plenary lecture 1**  
**Managing osteoporosis in 2026**  
**– an increasing role for zoledronate?**

Ian Reid (University of Auckland, New Zealand)



Diabetes

Day 3, Saturday, April 11, 10:10-10:50 / Room 1

**Plenary lecture 2**  
**Deconvoluting signals and metabolic rhythmicity in type 2 diabetes**

Juleen R. Zierath (Karolinska Institutet, Sweden)



Thyroid

Day 3, Saturday, April 11, 14:10-14:50 / Room 1

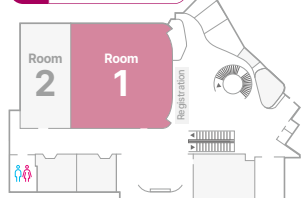
**Plenary lecture 3**  
**Redifferentiation therapy in RAI-refractory thyroid cancer:**  
**Clinical applications and challenges**

Sophie Leboulleux (University of Geneva, Switzerland)

# Scientific program

## Official program

**B1 Hyatt Regency**

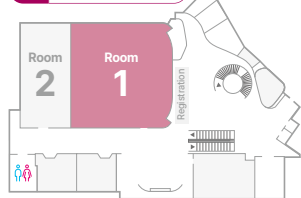


### Opening address

**Date & Time**  
Friday, April 10, 11:10-11:20

**Location**  
Room 1 (Hyatt Regency, B1)

**B1 Hyatt Regency**

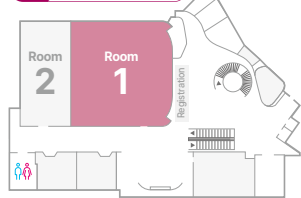


### Closing ceremony

**Date & Time**  
Saturday, April 11, 16:20-17:00

**Location**  
Room 1 (Hyatt Regency, B1)

**B1 Hyatt Regency**

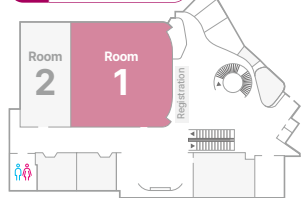


### Welcome reception

**Date & Time**  
Thursday, April 9, 18:10-20:00

**Location**  
Room 1 (Hyatt Regency, B1)

**B1 Hyatt Regency**



### Gala dinner

**Date & Time**  
Friday, April 10, 18:30-20:30

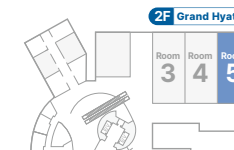
**Location**  
Room 1 (Hyatt Regency, B1)

\* Access is available only to those who have pre-registered.

## Day 1 (Thursday, April 9)

14:00-16:00

Room 5



### Young scientist symposium

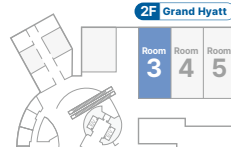
Chairpersons : Hyon-Seung Yi (Chungnam National University, Korea), Obin Kwon (Seoul National University, Korea)

- 14:00-14:20 **CXCL16 neutralization reprograms the bone stromal microenvironment and enhances the antitumor efficacy of RANKL inhibition in breast cancer bone metastasis**  
Bo Yeon Seo (Korea University, Korea)
- 14:20-14:40 **ERK suppression-driven muscle loss via  $\beta$ -adrenergic activation in high-normal catecholamine status**  
Ju Yeon Kwak (Chungnam National University, Korea)
- 14:40-15:00 **Antisense oligonucleotide-mediated GFRAL inhibition mitigates cancer-associated cachexia and restores metabolic function**  
Hyun Jung Hong (Korea Advanced Institute of Science and Technology, Korea)
- 15:00-15:20 **PERK mediates mitochondrial fission-induced neuronal damage following hypoglycemia in the retrosplenial cortex**  
Jae-Young Joo (Seoul National University, Korea)
- 15:20-15:40 **Effects of myocyte-specific deletion of vitamin D receptor on muscle function and structure after notexin-mediated injury in mice**  
Johnson Li (Westmead Institute for Medical Research, University of Sydney, Australia)
- 15:40-16:00 **Identifying neural circuitry for exercise-induced growth hormone secretion**  
Michelle Sung (Korea Advanced Institute of Science and Technology, Korea)

## Scientific program

14:30-16:00 Room 3

### Special interest group (Endocrine R&D Network Study (ERNS) Group) Endocrine strategy for healthy and slow aging



Chairpersons : Eun Jig Lee (Hanaro Medical Foundation, Korea), Sihoon Lee (Gachon University, Korea)

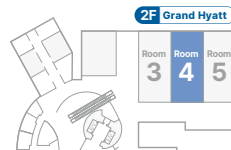
14:30-15:00 **Endocrine burden and frailty in elderly**  
Kwang Joon Kim (Yonsei University, Korea)

15:00-15:30 **Mechanistic roles of androgen and estrogen signaling to prevent aging and age-related diseases**  
Ken-ichi Takayama (Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan)

15:30-16:00 **Circulating senescent cells-derived progeronic factors in musculoskeletal aging**  
Ok Hee Jeon (Korea University, Korea)

14:30-16:00 Room 4

### Special interest group (Endocrinology Study Group on Aging and Aged) Senescence in endocrine & metabolic disorders "part 2. systemic integration (Integrative biology of aging)"



Chairpersons : Jeong Hyun Park (Inje University, Korea), Seok Won Park (Yonsei University, Korea)

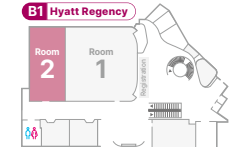
14:30-15:00 **Muscle stem cells function as metabolic Trojan horse fueling systemic aging by succinate induced epigenetic reprogramming**  
Ping Hu (Guangzhou Laboratory, China)

15:00-15:30 **Quasi-spatial single-cell transcriptome based on physical tissue properties defines early aging associated niche in liver**  
Chuna Kim (Korea Research Institute of Bioscience and Biotechnology, Korea)

15:30-16:00 **Targeting cellular senescence through immunotherapeutic vaccination: A novel strategy for age-related cardiometabolic diseases**  
Chieh-Lun Hsiao (Juntendo University, Japan)

16:30-17:50 Room 2

### SICEM partner highlights: Featured oral session



Chairpersons : Em Yunir (University of Indonesia, Indonesia), SungHee Choi (Seoul National University, Korea)

16:30-16:40 **Joint longitudinal survival evaluation of bone density decline with trabecular microarchitecture loss linking vertebral fracture risk to cancer recurrence trajectories in postmenopausal women receiving aromatase inhibitor therapy**  
Darius Laia (Gema Economy Indonesia, Indonesia)

16:40-16:50 **Depot-specific and common patterns of subcutaneous and visceral adipocyte geometry and adiposity parameters across systolic and diastolic blood pressure in Thai females**  
Pailin Maikaew (Mahidol University, Thailand)

16:50-17:00 **Conservative counterfactual deep reinforcement learning for glycemic stabilization and acute kidney injury prevention in hospitalized adults with diabetes using safety-constrained clinical decision support**  
Prihantini Prihantini (IMCDS-BioMed Research Foundation, Indonesia)

17:00-17:10 **Prevalence and association of diabetic peripheral neuropathy and severity of coronary artery disease among adults with diabetes mellitus undergoing coronary angiography: A single-center cross-sectional study**  
Precious Diamond Chua-See (Cardinal Santos Medical Center, Philippines)

17:10-17:20 **Machine learning-driven safety-aware decision support for predicting near-term inpatient hypoglycemia under dynamic insulin, nutrition, and renal function interactions**  
Riana Dwi Kurniawati (Temanggung Public Health Center, Indonesia)

17:20-17:30 **Time-restricted eating improves diet and sleep quality in overweight and obese adults with cardiometabolic comorbidity: TRES randomized controlled trial**  
Mazuin Kamarul Zaman (Universiti Teknologi MARA, Malaysia)

17:30-17:40 **Peer to peer insulin sharing and unstable glycemia in financially strained households quantified by network based causal models integrating CGM coefficient of variation, emergency hypoglycemia visits, prescription refill gaps, and copayment shock exposure**  
Ayuni Kemala Safira (Bandung Institute of Technology, Indonesia)

17:40-17:50 **Radiofrequency ablation for benign solid thyroid nodules larger than 10mL: A prospective study on efficacy and safety**  
Bang Nguyen Van (Da Nang Family hospital, Hue University, Vietnam)

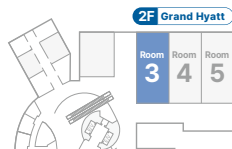
Day 1 (Thursday, April 9)  
Day 2 (Friday, April 10)  
Day 3 (Saturday, April 11)  
Poster oral session  
Poster exhibition

Day 1 (Thursday, April 9)  
Day 2 (Friday, April 10)  
Day 3 (Saturday, April 11)  
Poster oral session  
Poster exhibition

## Scientific program

16:30-18:00 Room 3

**Special interest group  
(Korean Endocrine Rare Disease Study Group (KERDS))  
Advanced and malignant endocrine diseases: From  
functional tumors to rare malignancies**



Chairpersons : Sin-Gon Kim (Korea University, Korea), Yumie Rhee (Yonsei University, Korea)

16:30-17:00 **Adrenocortical carcinoma: Clinical challenges and future direction**

Jung Soo Lim (Yonsei University Wonju College of Medicine, Korea)

17:00-17:30 **Anaplastic thyroid carcinoma: Challenges and future directions**

Dong-Jun Lim (The Catholic University of Korea, Korea)

17:30-18:00 **Toward better care for rare malignant endocrine tumors causing TIO**

Seiji Fukumoto (Tamaki-Aozora Hospital, Japan)

16:30-18:00 Room 4

**Special interest group  
(Korean Thyroid Study Group)  
Recent advances in management of thyroid  
nodules and cancers**



Chairpersons : Ho-Cheol Kang (Chonnam National University, Korea), Yun Jae Chung (Chung-Ang University, Korea)

16:30-17:00 **Thyroglobulin cutoffs after total thyroidectomy without radioiodine in low-to intermediate-risk thyroid cancer: A multicenter cohort study**

Mijin Kim (Pusan National University, Korea)

17:00-17:30 **Management of low-risk papillary thyroid microcarcinoma via active surveillance during pregnancy**

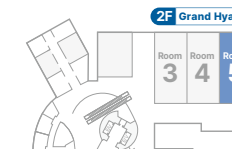
Min Ji Jeon (University of Ulsan, Korea)

17:30-18:00 **The tumor microenvironment and therapeutic response to targeted therapies in thyroid cancer**

Carmelo Nucera (Beth Israel Deaconess Medical Center, Harvard Medical School, USA)

16:30-18:00 Room 5

**A journey toward overcoming endocrine and  
metabolic diseases: 대한내분비학회-한국의학바이오  
기자협회 공동 세션 (K)**



Chairpersons : Tae Won Min (The Korean Association of Medical-Bio Journalists, Korea), Jae Hyuk Lee (Myongji Hospital, Korea)

16:30-16:55 **내분비 질환 정보 전달과 국민 신뢰 구축: 의료진과 미디어의 역할**

Hae Kyung Kim (Yonsei University, Korea)

16:55-17:20 **내분비 질환과 언론 보도: 잘못된 의학 정보의 임상적 영향**

Kyoung Min Kim (Yonsei University, Korea)

17:20-17:45 **급증하는 내분비 질환 시대, 의사와 국민을 잇는 미디어의 역할**

Kum Sook Lee (Seoul Economic TV, Korea)

17:45-18:00 **Panel discussion**

Young-Bae Lim (Korean Diabetes Society, Korea)

Young Shin Kim (Medical World News, Korea)

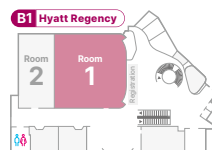
Eunsook Yun (Hankyoreh Media Group, Korea)

Soonhyun Park (Daejeon Endo Internal Medicine, Korea)

# Scientific program

## Day 2 (Friday, April 10)

07:30-08:20 Room 1



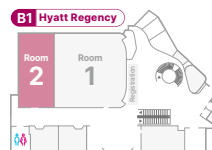
### Breakfast symposium 1

Chairpersons : Kwan-Woo Lee (Ajou University, Korea), Sang Yong Kim (Chosun University, Korea)

07:30-07:45 **Beyond the statin; Start early, switch now**  
Da Hea Seo (Inha University, Korea)

07:45-08:00 **The necessity of SGLT2i in the management of CKM syndrome**  
Seung Jin Han (Ajou University, Korea)

07:30-08:20 Room 2



### Breakfast symposium 2

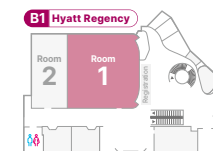
Chairpersons : Kyu Jeung Ahn (Kyung Hee University, Korea), Bon Jeong Ku (Chungnam National University, Korea)

07:30-07:45 **Addressing residual cardiovascular risk beyond statins: Optimal combination strategies for patients with mixed dyslipidemia**  
Jie-Eun Lee (CHA University, Korea)

07:45-08:00 **One pill, broader benefits in early type 2 diabetes management**  
Gyuri Kim (Sungkyunkwan University, Korea)

08:30-10:00 Room 1

### Symposium 1 The new era of ultra-long acting cardiometabolic therapies



Chairpersons : Sungrae Kim (The Catholic University of Korea, Korea), Sang-Hyun Kim (Seoul National University, Korea)

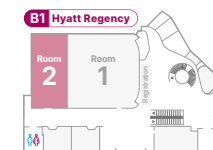
08:30-09:00 **Experience in Japan with the introduction of once-weekly insulin therapy**  
Hirotaka Watada (Juntendo University, Japan)

09:00-09:30 **Maridebart cafraglutide (MariTide) – the first monthly engineered nutrient-stimulated hormone (NUSH)**  
Chang Hee Jung (University of Ulsan, Korea)

09:30-10:00 **siRNA-based lipid-lowering therapies: A new era of ultra-long-acting LDL control**  
Youngwoo Jang (Gachon University, Korea)

08:30-10:00 Room 2

### Clinical update 1 From guidelines to practice: Evolving strategies in differentiated thyroid cancer



Chairpersons : Ka Hee Yi (Seoul National University, Korea), Dong Yeob Shin (Yonsei University, Korea)

08:30-09:00 **KTA vs. ATA guidelines: Endocrinologist's perspectives**  
Eun Kyung Lee (National Cancer Center, Korea)

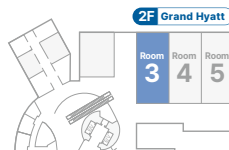
09:00-09:30 **Long-term follow-up strategies in differentiated thyroid cancer: Focus on TSH suppression**  
Yoon Young Cho (Soon Chun Hyang University, Korea)

09:30-10:00 **Recent trends and clinical applications of radioactive iodine therapy in thyroid cancer**  
Sophie Leboulleux (University of Geneva, Switzerland)

## Scientific program

08:30-10:00 Room 3

### ES-KES joint symposium Advances in osteoporosis and antiresorptive therapy



Chairpersons : Robert Lash (Endocrine Society, USA), Sang Wan Kim (Seoul National University, Korea)

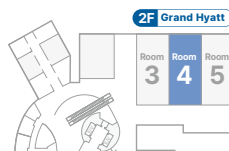
08:30-09:00 **Managing osteoporosis treatment sequences with denosumab discontinuation**  
Elaine W. Yu (Harvard Medical School, USA)

09:00-09:30 **From bone health to lifespan: Why antiresorptive therapy matters beyond fracture prevention**  
Kyoung Jin Kim (Korea University, Korea)

09:30-10:00 **Bone as a battleground: Anti-resorptives in cancer-related bone diseases**  
Gregory Clines (University of Michigan, USA)

08:30-10:00 Room 4

### Symposium 2 Innovations in pituitary medicine: Precision approaches



Chairpersons : Byung Joon Kim (Gachon University, Korea), Kyu Yeon Hur (Sungkyunkwan University, Korea)

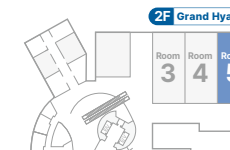
08:30-09:00 **The association of pathological classification and clinical heterogeneity in patients with acromegaly**  
Zhaoyun Zhang (Fudan University, China)

09:00-09:30 **Rewriting the rules: Surgical resection for prolactinoma as the first line of defense**  
Euihyun Kim (Yonsei University, Korea)

09:30-10:00 **Organoid approach to overcome hypophysitis**  
Keitaro Kanie (Kyoto University, Japan)

08:30-10:00 Room 5

### Symposium 3 Adipose biology



Chairpersons : Jaetaek Kim (Chung-Ang University, Korea), Sungsoon Fang (Yonsei University, Korea)

08:30-09:00 **Depot-specific targeting of fat**  
Li Qiang (Peking University, China)

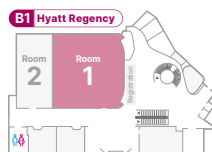
09:00-09:30 **Transcriptional and posttranscriptional regulation of thermogenesis**  
Hei Sook Sul (University of California, Berkeley, USA)

09:30-10:00 **Psychological stress engages a hypothalamic–adipose neural circuit to improve immune and metabolic homeostasis**  
Chan Hee Lee (Hallym University, Korea)

## Scientific program

10:10-11:00

Room 1



### Oral session Diabetes/Obesity/Lipid (clinical)

Chairpersons : Jun Goo Kang (Hallym University, Korea), Sung Hoon Yu (Hanyang University, Korea)

10:10-10:20 **Association of steatotic liver disease with cardiovascular outcomes across age groups: A nationwide population-based cohort study**

Kyung-Soo Kim (CHA University, Korea)

10:20-10:30 **Association of long-term continuous glucose monitoring-derived glycemic variability with diabetic nephropathy in type 1 diabetes**

Rosa Oh (Samsung Medical Center, Korea)

10:30-10:40 **ICU utilization, disease severity, and organ support requirements in patients with young vs. usual-onset type 2 diabetes**

Yueran Shi (The University of Hong Kong, Hong Kong)

10:40-10:50 **Beyond lipid lowering: A systematic review of the neuroprotective role and ocular safety of PCSK9 inhibitors in diabetic retinopathy**

Aldona Akhira Susanto (Sebelas Maret University, Indonesia)

10:50-11:00 **High-amplitude and prolonged glucose excursions as a key determinant of discordance between glucose management indicator and glycosylated hemoglobin in type 1 diabetes**

So Hyun Cho (Samsung Medical Center, Korea)

10:10-11:00

Room 2



### Oral session Thyroid

Chairpersons : Jin Hwa Kim (Chosun University, Korea), Seo Young Sohn (Inje University, Korea)

10:10-10:20 **Prolactin-STAT5-NIS mediated lactational iodine gating and its implications for early thyroid health: Evidence from a human cohort and a rat model**

Yeon Soo Park (Seoul National University, Korea)

10:20-10:30 **Statins and high-dose intravenous methylprednisolone for active thyroid eye disease: A single-center retrospective cohort study**

Mikhail Khachaturov (Sechenov First Moscow State Medical University, Russia)

10:30-10:40 **Association of TSH and FT4 levels with incident dementia: A population-based cohort study**

Jiawen Lu (The Hong Kong Polytechnic University, Hong Kong)

10:40-10:50 **Machine learning-based analysis of epigenetic signatures in malnutrition: Histone modification patterns associated with thyroid dysfunction and growth outcomes**

Rohit Rajput (University College of Medical Sciences, India)

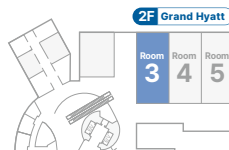
10:50-11:00 **Clinical characteristics and genomic landscape of anaplastic thyroid carcinoma: A single-center experience**

Jaekyung Lee (The Catholic University of Korea, Korea)

## Scientific program

10:10-11:00

Room 3



### Oral session Bone/Muscle/Aging

Chairpersons : Hayoung Kim (University of Ulsan, Korea), Wonbong Lim (Inha University, Korea)

10:10-10:20 **Circulating dimeric parathyroid hormone caused by the PTH p.Arg25Cys mutation**

Sihoon Lee (Gachon University, Korea)

10:20-10:30 **Development and validation of a frailty screening tool based on electronic health records in the older Chinese population in Hong Kong**

Jonathan K. L. Mak (The University of Hong Kong, Hong Kong)

10:30-10:40 **Mapping disease trajectories preceding hip fracture: A population-based analysis from Hong Kong and the UK**

Ching-Lung Cheung (The University of Hong Kong, Hong Kong)

10:40-10:50 **Muscle DNA methylation signatures and epigenetic ageing in sarcopenia**

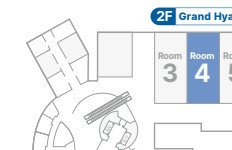
Chanachai Sae-Lee (Chulalongkorn University, Thailand)

10:50-11:00 **Changes in muscle mass, function, and physical performance after parathyroidectomy in primary hyperparathyroidism: A prospective cohort study**

Jin Ah Park (Yonsei University, Korea)

10:10-11:00

Room 4



### Oral session Pituitary/Adrenal/Gonad

Chairpersons : Gwanpyo Koh (Jeju National University, Korea), Hyesoon Kim (Keimyung University, Korea)

10:10-10:20 **Epithelial sodium-channel inhibitors versus mineralocorticoid receptor antagonists in primary aldosteronism: A propensity-score-matched cohort study**

Jia-Yuh Sheu (National Taiwan University, Taiwan)

10:20-10:30 **Optimal dexamethasone dose for the diagnosis of mild autonomous cortisol secretion**

Jeongmin Lee (The Catholic University of Korea, Korea)

10:30-10:40 **Establishment of serum cortisol reference values after rapid ACTH stimulation in healthy Korean adults using mass spectrometry**

Hyo-Jeong Kim (Eulji University, Korea)

10:40-10:50 **A regulatory variant adjacent to CYP11B2 is associated with lower blood pressure and reduced risk of incident hypertension in a Korean population**

Uzma Yaseen (Chungnam National University, Korea)

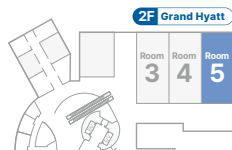
10:50-11:00 **Real-world primary aldosteronism screening in at-risk hypertension: A multicenter common data model study**

Eu Jeong Ku (Seoul National University, Korea)

## Scientific program

10:10-11:00

Room 5



### Oral session Diabetes/Obesity/Lipid (basic)

Chairpersons : Chul Sik Kim (Yonsei University, Korea), Hyung Jin Choi (Seoul National University, Korea)

10:10-10:20 **Metabolic role of leucine-rich repeat transmembrane neuronal 4 expressed by arcuate AgRP neurons**

Seungjik Kim (Korea Advanced Institute of Science and Technology, Korea)

10:20-10:30 **Targeted rAAV delivery to improve beta-cell transplantation**

Nicholas Norris (University of Sydney, Australia)

10:30-10:40 **B-guanidinopropionic acid-mediated creatine depletion improves metabolic dysfunction-associated steatotic liver disease via leptin-dependent mechanisms**

Ho Yeop Lee (Chungnam National University, Korea)

10:40-10:50 **Circulating GDF15 reflects metabolic and inflammatory burden in early dysglycemia: Findings from the ADIOS cohort**

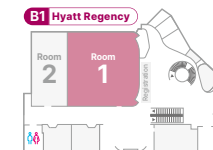
Ji Yoon Kim (Samsung Medical Center, Korea)

10:50-11:00 **Epigenetic rewiring and immune pathway activation synergize to impair cognition in obesity and type 2 diabetes**

Dharmendra Khatri (NIMS University, India)

11:20-12:00

Room 1



### Honorary keynote lecture

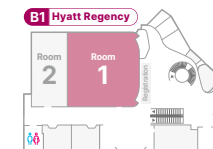
Chairperson : Eun-Gyoung Hong (Hallym University, Korea)

11:20-12:00 **Primary aldosteronism: A guideline-driven case-based approach**

William F. Young, Jr. (Mayo Clinic, USA)

12:00-12:50

Room 1



### Luncheon symposium 1

Chairpersons : Moo-Il Kang (The Catholic University of Korea, Korea), Sangmo Hong (Hanyang University, Korea)

12:00-12:15 **Early metabolic intervention with twincretin-based therapy: Clinical importance and implications**

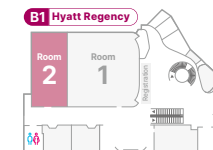
Chang Hee Jung (University of Ulsan, Korea)

12:15-12:30 **Novel enhanced SGLT2 inhibitor\_ enavogliflozin and its impact on adipokine modulation**

Young Sang Lyu (Chosun University, Korea)

12:00-12:50

Room 2



### Luncheon symposium 2

Chairpersons : Seak Ki Yun (Cheon An Endo Medical Clinic, Korea), Keeho Song (Konkuk University, Korea)

12:00-12:15 **Key trial results in semaglutide: Clinical evidence transforming diabetes and comorbidity management**

Boyeon Kim (Soon Chun Hyang University, Korea)

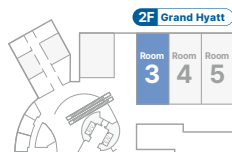
12:15-12:30 **The standard of Korean diabetes care: Why K-evidence matters**

Hae Kyung Kim (Yonsei University, Korea)

## Scientific program

12:00-12:50

Room 3



### Luncheon symposium 3

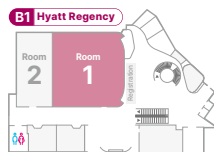
Chairpersons : Dongsun Kim (Hanyang University, Korea), In Joo Kim (Kim Yong Ki Internal Medicine Clinic, Korea)

12:00-12:15 **Revisiting the role of DPP-4 inhibitors: An evidence-based perspective**  
Eun Young Lee (The Catholic University of Korea, Korea)

12:15-12:30 **Initiating DPP-4i/SGLT-2i combination: Who, when, and how?**  
Yong-ho Lee (Yonsei University, Korea)

13:40-15:10

Room 1



### Symposium 4 Overcoming the limitations of current GLP-1 receptor agonists

Chairpersons : Bong-Soo Cha (Yonsei University, Korea), Soo Lim (Seoul National University, Korea)

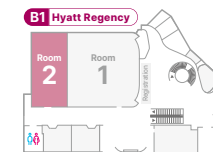
13:40-14:10 **Retatrutide – triple agonism targeting the boundaries of GLP-1RA efficacy**  
Se Hee Min (University of Ulsan, Korea)

14:10-14:40 **Ecnoglutide: Using biased GLP-1 receptor signaling to improve efficacy and tolerability**  
Jang Won Son (The Catholic University of Korea, Korea)

14:40-15:10 **CagriSema: A synergistic approach to greater weight loss and metabolic health**  
Jae Hyun Bae (Seoul National University, Korea)

13:40-15:10

Room 2



### Symposium 5 Evolving therapeutic strategies in advanced thyroid cancer

Chairpersons : Tae Yong Kim (University of Ulsan, Korea), Sun Wook Cho (Seoul National University, Korea)

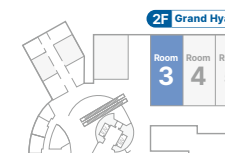
13:40-14:10 **Optimizing targeted therapy for treatment of radioiodine-refractory thyroid cancer**  
Won Gu Kim (University of Ulsan, Korea)

14:10-14:40 **Immune checkpoint inhibitors and combination therapy in thyroid cancer**  
Sun Min Lim (Yonsei University, Korea)

14:40-15:10 **Immune-related adverse events: From mechanistic insights to management**  
Yoo Hyung Kim (Seoul National University, Korea)

13:40-15:10

Room 3



### Clinical update 2 Importance of anabolics in metabolic bone diseases

Chairpersons : Hoyeon Chung (Kyung Hee University, Korea), Seongbin Hong (Inha University, Korea)

13:40-14:10 **Does anabolic first strategy matter in a real-world practice?**  
Yasuhiro Takeuchi (Toranomon Hospital Kajigaya, Japan)

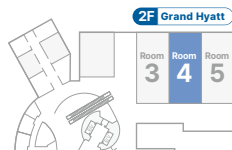
14:10-14:40 **Effects of anabolics in premenopausal women with low bone mass**  
Namki Hong (Yonsei University, Korea)

14:40-15:10 **Anabolic therapy in osteogenesis imperfecta and other rare bone diseases: Current evidence and future direction**  
Seung Shin Park (Seoul National University, Korea)

# Scientific program

13:40-15:10 Room 4

## Guideline session Precision guidelines for life-course metabolic care



Chairpersons : Won-Young Lee (Sungkyunkwan University, Korea), Mi-kyung Kim (Inje University, Korea)

13:40-14:05 **The latent burden: Unmasking age- and sex-specific metabolic risk across the Asian life span**

Seung Min Chung (Yeungnam University, Korea)

14:05-14:30 **Environmental drivers of Asian-specific metabolic risk**

Megu Baden (The University of Osaka, Japan)

14:30-14:55 **Targeting critical stages of metabolic risk: A community intervention framework**

Amutha Ramadas (Monash University, Malaysia)

14:55-15:10 **Panel discussion**

JeeHee Yoon (Chonnam National University, Korea)  
Yunjung Cho (The Catholic University of Korea, Korea)

13:40-15:10 Room 5

## Symposium 6 Cross-tissue metabolic integration



Chairpersons : Ki Woo Kim (Yonsei University, Korea)  
Chang-Myung Oh (Gwangju Institute of Science and Technology, Korea)

13:40-14:10 **Tuning skeletal muscle fuel catabolism to alleviate dietary obesity**

Zhenji Gan (Nanjing University, China)

14:10-14:40 **Postprandial sensing of sugar in flies and mice**

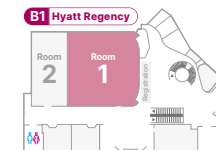
Seong Bae Suh (IBS Center for Microbiome-Body-Brain Physiology, Gwangju Institute of Science and Technology, Korea)

14:40-15:10 **Metabolite-mediated systemic regulation of host metabolism**

Do Yup Lee (Seoul National University, Korea)

15:20-16:00 Room 1

## Plenary lecture 1



Chairperson : Chan Soo Shin (Seoul National University, Korea)

15:20-16:00 **Managing osteoporosis in 2026 – an increasing role for zoledronate?**  
Ian Reid (University of Auckland, New Zealand)

16:10-17:40 Room 2

## Hot topic Hot topics in thyroid diseases



Chairpersons : Sun Wook Kim (Sungkyunkwan University, Korea), Heekyung Kim (Chonnam National University, Korea)

16:10-16:40 **Thyroid cancer and the metabolic landscape: Clinical and translational perspectives**

Hyemi Kwon (Sungkyunkwan University, Korea)

16:40-17:10 **Causal inference and modern statistical approach in thyroid epidemiology**

Kosuke Inoue (Kyoto University, Japan)

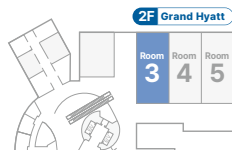
17:10-17:40 **Molecular drivers in thyroid cancer**

Carmelo Nucera (Beth Israel Deaconess Medical Center, Harvard Medical School, USA)

## Scientific program

16:10-17:40

Room 3



### Symposium 7

#### Translational advances in rare bone disease

Chairpersons : Deog-Yoon Kim (Kyung Hee University, Korea), Kihyun Baek (The Catholic University of Korea, Korea)

16:10-16:40 **XLH management today and tomorrow: Burosumab and beyond**

Adalbert Raimann (Medical University of Vienna, Austria)

16:40-17:10 **Acquired osteomalacia associated with autoantibodies against PHEX**

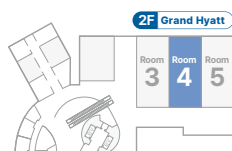
Nobuaki Ito (The University of Tokyo, Japan)

17:10-17:40 **Redefining parathyroid neoplasia: From atypical parathyroid tumors to carcinoma**

Yumie Rhee (Yonsei University, Korea)

16:10-17:40

Room 4



### Clinical update 3

#### Bridging innovation and clinical decision-making in pituitary and adrenal disorders

Chairpersons : Choon Hee Chung (Yonsei University Wonju College of Medicine, Korea)

Sang-Ah Chang (The Catholic University of Korea, Korea)

16:10-16:40 **Updated approach for pituitary incidentaloma**

Yoon-a Hwang (Yonsei University, Korea)

16:40-17:10 **Adrenal tumors: Unusual cases and clinical pearls**

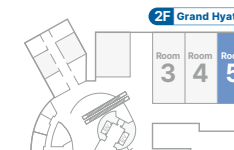
Irina Bancos (Mayo Clinic, USA)

17:10-17:40 **Treatment of female hypogonadotropic hypogonadism**

Hoon Kim (Seoul National University, Korea)

16:10-17:40

Room 5



### Symposium 8

#### Immunometabolism

Chairpersons : Taekeun Oh (Chungbuk National University, Korea), Kyeong Jin Kim (Inha University, Korea)

16:10-16:40 **The noncanonical function of IgG in aging and obesity**

Liheng Wang (Peking University, China)

16:40-17:10 **Adipose tissue dendritic cells: Critical regulators of obesity-induced inflammation and insulin resistance**

Kae Won Cho (Soonchunhyang Institute of Medi-Bio Science, Korea)

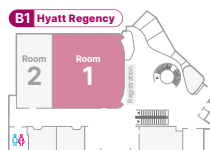
17:10-17:40 **Spatiotemporal immune-parenchymal interactions govern thermoneutrality-induced metabolic remodeling in brown fat**

Jun Young Hong (Yonsei University, Korea)

# Scientific program

## Day 3 (Saturday, April 11)

07:30-08:20 Room 1



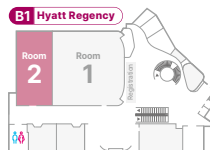
### Breakfast symposium 3

Chairpersons : Chang Beom Lee (Hanyang University, Korea), Heung Yong Jin (Jeonbuk National University, Korea)

07:30-07:45 **Beyond LDL-C reduction comprehensive lipid control in DM patients**  
Jun Hwa Hong (Eulji University, Korea)

07:45-08:00 **Clinical use of original denosumab: Who, when, and how long?**  
Hye-Sun Park (Yonsei University, Korea)

07:30-08:20 Room 2



### Breakfast symposium 4

Chairpersons : Kwang-Won Kim (Gachon University, Korea), Seung-Hwan Lee (The Catholic University of Korea, Korea)

07:30-07:45 **Pathogenesis-based treatment strategies for diabetic peripheral neuropathy (DPN)**  
Jung Hwan Park (Hanyang University, Korea)

07:45-08:00 **TZD+SGLT-2i combination therapy: Benefits for diabetic complications and MASLD**  
Yeoree Yang (The Catholic University of Korea, Korea)

08:30-10:00 Room 1



### Symposium 9 Genetic, epigenetic, and environmental interactions in metabolic disorders

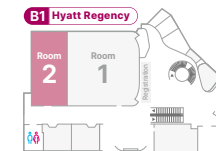
Chairpersons : Hyuk-Sang Kwon (The Catholic University of Korea, Korea), Jong Chul Won (Gimpo Woori Hospital, Korea)

08:30-09:00 **Large-scale multivariate GWAS, polygenic risk, and obesity endotypes**  
Hong-Hee Won (Sungkyunkwan University, Korea)

09:00-09:30 **Epigenetic regulation of insulin sensitivity**  
Sona Kang (University of California, Berkeley, USA)

09:30-10:00 **Exposome, lifestyle, and gene-environment interactions in metabolic disorders**  
Jae-Seung Yun (The Catholic University of Korea, Korea)

08:30-10:00 Room 2



### Rising stars in endocrinology

Chairpersons : Jenny Gunton (University of Sydney, Australia), Sunghwan Suh (Sungkyunkwan University, Korea)

08:30-08:50 **Immune checkpoint inhibitor-related endocrine dysfunction**  
Tomoko Kobayashi (Nagoya University, Japan)

08:50-09:10 **Shifting paradigms in Graves' disease and thyroid eye disease: Towards disease-modifying strategies**  
Chia-Hung Lin (National Taiwan University, Taiwan)

09:10-09:30 **From snapshot to movie: The evolution of fracture risk assessment**  
Sung Hye Kong (Seoul National University, Korea)

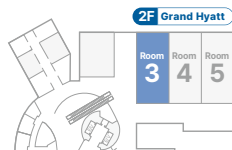
09:30-09:50 **Rebound phenomenon after denosumab: Translational insights into prevention**  
Albert Sungsoo Kim (University of Sydney, Australia)

09:50-10:00 **Q&A**

## Scientific program

08:30-10:00 Room 3

### EnM session (K) From writing to responsible AI use: 생성형 AI 활용과 책임 있는 연구 논문 작성



Chairpersons : Seung-Hyun Ko (The Catholic University of Korea, Korea), Mee Kyoung Kim (The Catholic University of Korea, Korea)

- 08:30-09:05 **Collaborative biomedical research with an AI co-scientist; 인공지능과 함께하는 바이오메디컬 연구**  
In-Kyu Lee (Kyungpook National University, Korea)
- 09:05-09:40 **Appropriate use of AI for research and publication; 생성형 AI의 연구 논문 작성 활용**  
Joon Seo Lim (Asan Medical Center, Korea)
- 09:40-10:00 **Ethical considerations in the use of generative artificial intelligence for academic writing; 논문 작성에서 생성형 인공지능 활용의 윤리적 고려사항**  
Moonseong Kim (Seoul Theological University, Korea)

08:30-10:00 Room 4

### Symposium 10 Adrenal disorders: Current conundrums and future directions

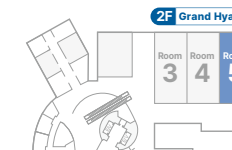


Chairpersons : Soon Jib Yoo (Eulji University, Korea), Ohk-Hyun Ryu (Hallym University, Korea)

- 08:30-09:00 **Utility of adrenal vein sampling in patients with adrenal hypercortisolism**  
Irina Bancos (Mayo Clinic, USA)
- 09:00-09:30 **Metabolic trajectory after adrenalectomy in MACS: Insights from Korean cohort**  
Seung Hun Lee (University of Ulsan, Korea)
- 09:30-10:00 **Japan Endocrine Society clinical practice guideline for the management of pheochromocytoma and paraganglioma 2025**  
Mitsuhide Naruse (Takeda General Hospital, Japan)

08:30-10:00 Room 5

### Symposium 11 Pancreatic biology

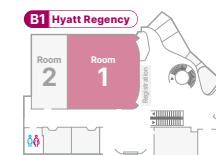


Chairpersons : Kyuchang Won (Yeungnam University, Korea)  
Hail Kim (Korea Advanced Institute of Science and Technology, Korea)

- 08:30-09:00 **Beta cell stress responses in type 1 diabetes**  
Feyza Engin (University of Wisconsin-Madison, USA)
- 09:00-09:30 **Compensatory signatures of  $\beta$ -cells and islet stellate cells that protect obese humans from diabetes**  
Hyunki Kim (Korea Advanced Institute of Science and Technology, Korea)
- 09:30-10:00 **Organelle stress of pancreatic beta cells in diabetes**  
Myung-Shik Lee (Soonchunhyang Institute of Medi-Bio Science, Korea)

10:10-10:50 Room 1

### Plenary lecture 2



Chairperson : Je Byung Park (Gachon University, Korea)

- 10:10-10:50 **Deconvoluting signals and metabolic rhythmicity in type 2 diabetes**  
Julen R. Zierath (Karolinska Institutet, Sweden)

# Scientific program

Day 1 (Thursday, April 9)

Day 2 (Friday, April 10)

Day 3 (Saturday, April 11)

Poster oral session

Poster exhibition

Day 1 (Thursday, April 9)

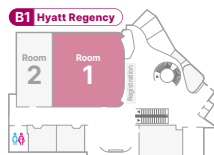
Day 2 (Friday, April 10)

Day 3 (Saturday, April 11)

Poster oral session

Poster exhibition

11:00-12:00 Room 1

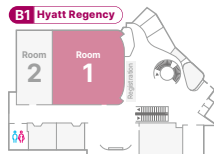


## Year in review

Chairpersons : Hyeongkyu Park (Soon Chun Hyang University, Korea), Eun Seok Kang (Yonsei University, Korea)

- 11:00-11:20 **Year in review: Bone**  
Sang Wan Kim (Seoul National University, Korea)
- 11:20-11:40 **Year in review: Thyroid**  
Bo Hyun Kim (Pusan National University, Korea)
- 11:40-12:00 **Year in review: Diabetes**  
Young Min Cho (Seoul National University, Korea)

12:00-12:50 Room 1

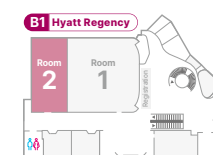


## Luncheon symposium 4

Chairpersons : Kyoil Suh (Soon Chun Hyang University, Korea), Kyoung-Ah Kim (Dongguk University, Korea)

- 12:00-12:15 **The efficacy of early combination therapy with DPP-4 inhibitors and TZDs**  
Eun Roh (Seoul National University, Korea)
- 12:15-12:30 **Exploring clinical data for hypertensive patients with diabetic kidney disease: Irbesartan+Amlodipine**  
Jong Han Choi (Konkuk University, Korea)

12:00-12:50 Room 2

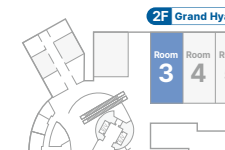


## Luncheon symposium 5

Chairpersons : Yoon-Sok (Martin) Chung (Ajou University, Korea), Suk Kyeong Kim (Konkuk University, Korea)

- 12:00-12:15 **Is better possible?: Simplify and amplify diabetes management with FRC intensification**  
Daham Kim (Yonsei University, Korea)
- 12:15-12:30 **Early intervention in CKM care: The role of finerenone**  
Nam Hoon Kim (Korea University, Korea)

12:00-12:50 Room 3



## Luncheon symposium 6

Chairpersons : Yeon Ah Sung (Ewha Womans University, Korea), Sung-Hoon Kim (Mizmedi Hospital, Korea)

- 12:00-12:15 **Redefining early CKM care in treatment-naïve T2DM: Insights from EMPA-FIT**  
Joonyub Lee (The Catholic University of Korea, Korea)
- 12:15-12:30 **Optimal clinical approach to combination use of SGLT2i and DPP-4i in the management of T2DM**  
Kyung-Soo Kim (CHA University, Korea)

# Scientific program

Day 1 (Thursday, April 9)

Day 2 (Friday, April 10)

Day 3 (Saturday, April 11)

Poster oral session

Poster exhibition

Day 1 (Thursday, April 9)

Day 2 (Friday, April 10)

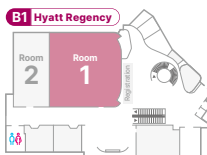
Day 3 (Saturday, April 11)

Poster oral session

Poster exhibition

14:10-14:50

Room 1



## Plenary lecture 3

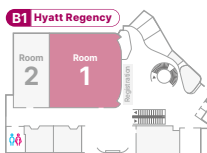
Chairperson : Young Joo Park (Seoul National University, Korea)

### 14:10-14:50 Redifferentiation therapy in RAI-refractory thyroid cancer: Clinical applications and challenges

Sophie Leboulleux (University of Geneva, Switzerland)

14:50-16:20

Room 1



## Clinical Update 4 Transforming diabetes management with connected devices

Chairpersons : Chul-Hee Kim (Soon Chun Hyang University, Korea), Jaehyoung Cho (The Catholic University of Korea, Korea)

### 14:50-15:20 Fully closed loop in T2D

Charlotte Boughton (University of Cambridge, UK)

### 15:20-15:50 Connected insulin pens: An evidence-based strategy for reducing missed bolus doses

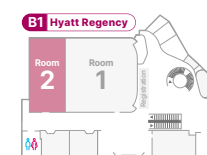
Sang-Man Jin (Sungkyunkwan University, Korea)

### 15:50-16:20 Current trends in CGM enabling data-driven insulin management

Jae Hyeon Kim (Sungkyunkwan University, Korea)

14:50-16:20

Room 2



## Symposium 12 Up to dated approach for thyroid dysfunction

Chairpersons : EunSook Kim (University of Ulsan, Korea), Tae Hyuk Kim (Sungkyunkwan University, Korea)

### 14:50-15:20 The AI horizon in thyroidology

Wonsang Yoo (Dankook University, Korea)

### 15:20-15:50 Updates regarding thyroid dysfunction and iodine nutrition in pregnancy

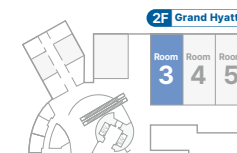
Chun-Jui Huang (Taipei Veterans General Hospital, Taiwan)

### 15:50-16:20 Updates in ultrasonography for benign thyroid diseases: Beyond thyroid nodules

Han-Sang Baek (The Catholic University of Korea, Korea)

14:50-16:20

Room 3



## Symposium 13 Bone-muscle-fat crosstalk

Chairpersons : Junghyun Noh (Inje University, Korea), Serkin Park (Korea University, Korea)

### 14:50-15:20 The lifelong interplay between bone and muscle

Beom-Jun Kim (University of Ulsan, Korea)

### 15:20-15:50 Impact of anti-obesity medication on muscle health

Hyeonwoo Kim (Korea Advanced Institute of Science and Technology, Korea)

### 15:50-16:20 Fat in muscle: Effects of myosteatosis on musculoskeletal health

Hong-Kyu Kim (University of Ulsan, Korea)

# Scientific program

Day 1 (Thursday, April 9)

Day 2 (Friday, April 10)

Day 3 (Saturday, April 11)

Poster oral session

Poster exhibition

14:50-16:20

Room 4

## PCEDM-KES joint symposium

### Practical approach in treatment of endocrine diseases



Chairpersons : Lora May T. Tin Hay (Philippine College of Endocrinology, Diabetes and Metabolism, Philippines)  
Eun-Gyoung Hong (Hallym University, Korea)

#### 14:50-15:20 Sequential therapy in osteoporosis: When, how and for whom?

Monica Therese Cating-Cabral (Philippine College of Endocrinology, Diabetes and Metabolism, Philippines)

#### 15:20-15:50 Subclinical hypothyroidism in real-world practice: Whom to treat and how to monitor?

Jeongmin Lee (The Catholic University of Korea, Korea)

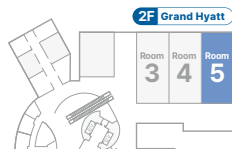
#### 15:50-16:20 Newer antidiabetic agents in daily clinical practice: When and how to use

Wonjin Kim (CHA University, Korea)

14:50-15:40

Room 5

## Meet the professor



#### 14:50-15:20 Adventures in adrenal venous sampling

William F. Young, Jr. (Mayo Clinic, USA)

#### 15:20-15:40 Panel discussion

Yumie Rhee (Yonsei University, Korea)

Eu Jeong Ku (Seoul National University, Korea)

A Ram Hong (Chonnam National University, Korea)

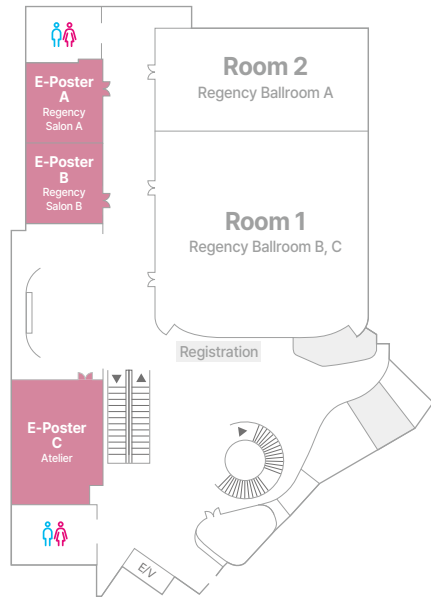


The 14<sup>th</sup> Seoul International Congress of Endocrinology and Metabolism  
In conjunction with the 45<sup>th</sup> Annual Scientific Meeting of the Korean Endocrine Society

# Poster oral session

## Information for poster oral session

### B1 Hyatt Regency



• **Friday, Apr 10, 12:50-13:40**

E-poster A Regency Salon A

**Diabetes / Obesity / Lipid (clinical)**

E-poster B Regency Salon B

**Diabetes / Obesity / Lipid (basic)**

E-poster C Atelier

**Thyroid**

• **Saturday, Apr 11, 12:50-13:40**

E-poster A Regency Salon A

**Pituitary / Adrenal / Gonad**

E-poster B Regency Salon B

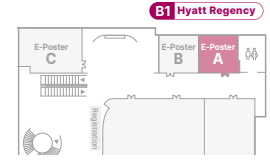
**Diabetes / Obesity / Lipid (basic)**

E-poster C Atelier

**Bone / Muscle / Aging**

**Diabetes/Obesity/Lipid (clinical)**

**E-Poster A**



**Day 2 (Friday, April 10) 12:50-13:40**

Chairperson: Hun-Sung Kim (The Catholic University of Korea, Korea)

- P01-1** **Urinary podocin is an early marker of diabetic kidney disease**  
Volha Vasilkova (Gomel State Medical University, Belarus)
- P01-2** **A randomised controlled trial on the effects of a breastfeeding education package on breastfeeding duration and postnatal anthropometric measures in women with gestational diabetes mellitus**  
Farhanah Shuhaimi (Universiti Teknologi MARA, Malaysia)
- P01-3** **Drug-target Mendelian randomization identifies optimal incretin axis for glycemic control by quantifying pancreatitis and gallbladder safety balance across populations with type 2 diabetes**  
Riana Dwi Kurniawati (Temanggung Public Health Center, Indonesia)
- P01-4** **Association between BMI, long-term mortality, and microvascular complications in older Koreans with new-onset type 2 diabetes**  
Kyong Hye Joung (Chungnam National University Sejong Hospital, Korea)
- P01-5** **Clinical impact of endocrinologist involvement in inpatient glucose management**  
Jaesang Lim (The Catholic University of Korea Uijeongbu St. Mary's Hospital, Korea)
- P01-6** **Efficacy and safety of oral GLP-1 RA orforglipron on weight and glycemic control according to diabetes status: A systematic review and meta-analysis**  
Noha Hammad (Port-Said University, Egypt)
- P01-7** **Impact of chrononutrition on glycemic variability and insulin sensitivity in patients with type 2 diabetes**  
Parag Rane (JD Pawar College of Pharmacy, India)

Day 1 (Thursday, May 1)  
Day 2 (Friday, May 2)  
Day 3 (Saturday, May 3)  
Poster oral session  
Poster exhibition

Day 1 (Thursday, May 1)  
Day 2 (Friday, May 2)  
Day 3 (Saturday, May 3)  
Poster oral session  
Poster exhibition

## Poster oral session

Diabetes/Obesity/Lipid (basic)

E-Poster B



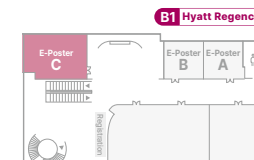
Day 2 (Friday, April 10) 12:50-13:40

Chairperson: Suk Chon (Kyung Hee University, Korea)

- P02-1** Assessment of resting metabolic rate and body composition in filipino adults: A method comparison study  
Ma. Lourdes Cumagun (Food and Nutrition Research Institute, Philippines)
- P02-2** Orexin activates a distinct subpopulation of arcuate pro-opiomelanocortin neurons to promote feeding  
Jeewon Choi (Korea Advanced Institute of Science and Technology, Korea)
- P02-3** Functional contribution of dorsal raphe serotonergic neurons to regulate sodium appetite  
Yurim Shin (Korea Advanced Institute of Science and Technology, Korea)
- P02-4** Orexin activates arcuate POMC neurons to reduce neuropathic pain  
Suhyun Ji (Korea Advanced Institute of Science and Technology, Korea)
- P02-5** Metabolic effects of the Fit For Future (F4F) Program on lipid profiles and physical activity among Malaysian adults  
Muhamad Shukry Khalid (Universiti Teknologi MARA, Malaysia)
- P02-6** Impact of rising temperature from climate change on diabetes burden, biological aging, and immune gene expression in vulnerable populations  
Firdian Makrufardi (Universitas Negeri Yogyakarta, Indonesia)
- P02-7** Association between dietary fiber intake and the severity of depression symptoms among U.S. adults  
D. Rafaelle Marie Biola (National Yang Ming Chiao Tung University, Taiwan)

Thyroid

E-Poster C



Day 2 (Friday, April 10) 12:50-13:40

Chairperson: JeeHee Yoon (Chonnam National University, Korea)

- P03-1** RET germline mutation spectrum in Korean patients with medullary thyroid carcinoma  
Ji Hyun Yoo (Samsung Medical Center, Korea)
- P03-2** A ten-year retrospective study of Graves' disease management: Outcomes of antithyroid drug therapy, radioactive iodine, and surgery in a Thai tertiary care center  
Chanya Tangkanakul (Chulalongkorn University, Thailand)
- P03-3** Thyrotoxic periodic paralysis and long-term risk of diabetes: A population-based cohort study in Hong Kong  
Gloria Hoi-Yee Li (The Hong Kong Polytechnic University, Hong Kong)
- P03-4** Machine learning-driven transcriptomic modeling for personalized radiosensitizer discovery in radioresistant anaplastic thyroid cancer  
Anindya Amanda Damayanti (Islam Indonesia University, Indonesia)
- P03-5** Integrated bioinformatics and immune landscape analysis of key diagnostic genes in papillary thyroid carcinoma  
Nadyatul Husna (Dr. Reksodiwiryo Military Hospital, Indonesia)
- P03-6** Postoperative diagnosis of patients with preoperative follicular neoplasm: A real-world in a tertiary hospital in Korea  
Da Eun Leem (Korea Cancer Center Hospital, Korea)
- P03-7** Sacred river heavy metal exposure gradient, urinary iodine creatinine ratio, and thyroperoxidase antibody titers in women living along pilgrimage corridors from Himalayan headwaters to downstream industrial belts in the Ganges Brahmaputra Basin  
Ayuni Kemala Safira (Bandung Institute of Technology, Indonesia)

## Poster oral session

Pituitary/Adrenal/Gonad

E-Poster A

B1 Hyatt Regency



Day 2 (Saturday, April 11) 12:50-13:40

Chairperson: Yang Ho Kang (Pusan National University, Korea)

- P04-1** Dehydroepiandrosterone modulates liver–brain metabolic axis to counteract obesity-driven neurodegeneration during aging  
Pardeep Kumar (Shakuntla Hospital and Research Center, India)
- P04-2** Estradiol-driven repression of WNT7B enables endometrial gland development in a human assembloid model  
Cheuk-Lun Lee (The Hong Kong Polytechnic University, Hong Kong)
- P04-3** Lateralization and treatment outcomes according to disease severity in primary aldosteronism: A multicenter retrospective cohort study  
Ju Hee Lee (Chungnam National University, Korea)
- P04-4** Oral contraceptive–induced transcriptomic signatures reveal estrogen disruption and causal risk pathways: An integrative multi-omics study  
Javad Alizargar (National Taipei University of Nursing and Health Sciences, Taiwan)
- P04-5** Quality of life in women with polycystic ovary syndrome (PCOS) attending a government maternity hospital in Tirupati, India – integration with in silico transcriptomic analysis  
Sujatha Dodoala (Sri Padmavati Mahila Visvavidyalayam, India)
- P04-6** Phase-specific estradiol dynamics in women with IVF outcomes and estradiol effects on steroidogenesis in KGN cells  
Rungnapa Sririvichitchai (Mahidol University, Thailand)
- P04-7** Mathematical model of adrenal zonation instability predicts steroidogenic failure thresholds by integrating human fetal single-cell RNA sequencing and normal cortex spatial transcriptomics  
Prihantini Prihantini (IMCDS-BioMed Research Foundation, Indonesia)

Diabetes/Obesity/Lipid (basic)

E-Poster B

B1 Hyatt Regency



Day 2 (Saturday, April 11) 12:50-13:40

Chairperson: Dae Jung Kim (Ajou University, Korea)

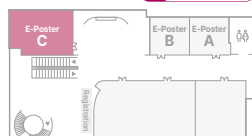
- P05-1** Atypical antipsychotics suppress MC4R-expressing PVH neurons via ATP-sensitive K<sup>+</sup> channel activation to induce hyperphagia  
Hyeonju Yun (Korea Advanced Institute of Science and Technology, Korea)
- P05-2** DYRK1A inhibition–mediated pancreatic beta-cell regeneration by chicoric acid-rich extract of Cichorium intybus seeds: Implications for diabetes therapy  
Anish Murtaja Alam Khan (Jamia Hamdard, India)
- P05-3** The PLCβ4 signaling in hypothalamic AgRP neurons regulate body composition and diurnal feeding pattern under high-fat diet condition  
Seoyeong Lee (Korea Advanced Institute of Science and Technology, Korea)
- P05-4** The role of serotonin 2C receptor expressed by TRH neurons on metabolism  
Jieun Yu (Korea Advanced Institute of Science and Technology, Korea)
- P05-5** Differential ROC profiles of adipocyte geometry, adiposity, and adipokines for insulin resistance versus central obesity in Thai females  
Chantacha Sitticharoon (Mahidol University, Thailand)
- P05-6** Molecular systems pharmacology reveals multi-pathway anti-obesity actions of the arctic fungus *Pseudogymnoascus australis*  
Ruth Naomi Manuel (Universiti Malaya, Malaysia)

## Poster oral session

Bone/Muscle/Aging

E-Poster C

B1 Hyatt Regency



### Day 2 (Saturday, April 11) 12:50-13:40

Chairperson: Bukyung Kim (Kosin University, Korea)

- P06-1** Prognosis of metabolic dysfunction-associated fracture (MAFX): A large-scale retrospective cohort study  
Haoming Zhu (The University of Hong Kong, Hong Kong)
- P06-2** Epigenetic age acceleration as a mediator of vitamin B6 and homocysteine effects on frailty in older adult women  
Atchara Dawangpa (Mahidol University, Thailand)
- P06-3** Visceral adiposity-sarcopenia diabetes fragility score combining myosteatosis index, polypharmacy burden, and eGFR trajectories links to hospitalized hip fracture and chemotherapy dose intensity loss in elderly women with breast cancer in resource limited settings  
Dimas Fajar Prasetyo (The University of Western Australia, Australia)
- P06-4** WT1 as a novel immunohistochemical marker for parathyroid cancer  
Hye-Sun Park (Yonsei University, Korea)
- P06-5** Financial toxicity of frailty: Quantifying universal health coverage gaps and catastrophic health spending as drivers of aging-related disability burden  
Elfiany Syafruddin (Science, Society, Technology Commons, Indonesia)
- P06-6** Handgrip strength, plasma proteomic biomarkers, and risk of infections: Findings from two prospective cohort studies  
Vignesh Gopalakrishnan Unnithan (The University of Hong Kong, Hong Kong)
- P06-7** Clinical outcomes of burosumab in FGF23-related hypophosphatemic rickets: A long-term retrospective study  
Saori Kami (Chiba University, Japan)

## Poster exhibition

Diabetes/Obesity/Lipid (clinical)

PE1-1 ~ PE1-10

- PE1-1** Association between resistance exercise and risk of insulin initiation in patients with type 2 diabetes: A nationwide population-based cohort study  
Seung-Yeon Ryu (The Catholic University of Korea Daejeon St. Mary's Hospital, Korea)
- PE1-2** Impact of a CGM-based digital clinical decision support system on insulin infusion adherence and glycemic control in the ICU  
Joung Youl Lim (Chungnam National University Hospital, Korea)
- PE1-3** Early-life undernutrition and adult endocrine disorders: A life-course analysis of genetic-environmental relationship using associated multinational cohort data  
Lintong Simbolon (The Pranala Institute, Indonesia)
- PE1-4** Deep learning-driven epigenetic modeling of malnutrition and growth impairment in pediatric type 1 diabetes  
Umesh Gangadhar (University College of Medical Sciences, India)
- PE1-5** Effect of GLP-1 receptor agonist on frailty and musculoskeletal health in obese older adults  
Mohseen (BST University, India)
- PE1-6** MiR-135b as a regulator of SIRT1 and metabolic dysfunction in childhood obesity  
Mitra Nourbakhsh (Iran University Of Medical Sciences, Iran, Islamic Republic of)
- PE1-7** Medication substitution after antidiabetic drug stockouts and severe hypoglycemia events in frail older adults using hospital pharmacy dispensing logs and emergency department admission records  
Rani Sulvianuri (Bandung Institute of Technology, Indonesia)
- PE1-8** Machine learning-based estimation of metabolic access penalty in transgender adults: Causal health policy simulation linking cost barriers to diabetes-obesity risk  
Sahnaz Vivinda Putri (Indonesia Open University, Indonesia)
- PE1-9** Rehabilitation interventions for upper limb dysfunction in type 2 diabetes mellitus, with or without diabetic peripheral neuropathy: A systematic review and meta-analysis  
Ahmad Zamir Che Daud (Universiti Teknologi MARA, Malaysia)
- PE1-10** Type 3c diabetes mellitus: A bibliometric analysis of global research output, hotspots, and future directions  
Gregorious Gandhi Krishna Aditya (Universitas Sebelas Maret, Indonesia)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

### PE1-11 ~ PE1-19

- PE1-11** Dietary patterns as endocrine drivers of metabolic syndrome: A rural and urban comparative study in Malaysian adults  
Mohd Ramadan Ab Hamid (Universiti Teknologi MARA, Malaysia)
- PE1-12** Ten-year trends and determinants of LDL-cholesterol in type 2 diabetes patients with and without cardiovascular disease: A real-world, registry-based cohort of 244,642 patients from a multiethnic Asian country  
Kim Sui Wan (National Institutes of Health, Ministry of Health Malaysia, Malaysia)
- PE1-13** Unmasking residual atherogenic risk in type 2 diabetes: Integrating ApoB beyond LDL-cholesterol  
Noorfelda bin Abd Jutup (Universiti Teknologi MARA, Malaysia)
- PE1-14** Oxidized frying oil burden around school street food corridors links to triglyceride to HDL ratio, ApoB, and waist to height risk signatures in children using spatial scan clustering and vendor aldehyde assays  
Asniah Asniah (Agricultural Development Polytechnic, Indonesia)
- PE1-15** Cold-chain temperature excursion burden and injection-day missed doses drive GLP-1 receptor agonist discontinuation and weight regain in remote primary clinics using refrigerator logger streams and electronic dispensing with time-varying causal models  
Rani Sulvianuri (Bandung Institute of Technology, Indonesia)
- PE1-16** Cash-flow smoothing through microfinance plus nutrition coaching improving childhood adiposity and metabolic risk using waist-to-height ratio, triglyceride–glucose index, and meal participation tracked across sequential branch implementation with routine ledgers and growth reference metrics  
Farah Miftakul Ilfa (Pratama Clinic & Education Health Center, Indonesia)
- PE1-17** The predictive power of the handshake: Grip strength anchors a phenotype of metabolic and mortality risk in Southeast Asian adults  
Rosinta Purba (The Pranala Institute, Indonesia)
- PE1-18** The global burden of sarcopenic obesity and its association with cardiometabolic risk: A pooled analysis from four continents  
Ester Marnita Purba (Tindal NT Australia, The Pranala Institute, Australia)
- PE1-19** Beyond HbA1c: A meta-analysis of connected glucose monitoring on cardiometabolic outcomes in diabetes and the moderating effects of illness burden and data continuity  
Asriati Asriati (Cenderawasih University, The Pranala Institute, Indonesia)

### Diabetes/Obesity/Lipid (clinical)

### PE1-20 ~ PE1-29

- PE1-20** Machine learning for diabetes prediction and diagnosis: An analysis of AUC, sensitivity, and specificity  
Asriati Asriati (Cenderawasih University, The Pranala Institute, Indonesia)
- PE1-21** From nutritional deprivation to metabolic dysfunction: A 20-year triangulated causal analysis of childhood stunting and adult diabetes risk in Indonesia  
Yesika Simbolon (Atmajaya University, The Pranala Institute, Indonesia)
- PE1-22** Impact of telehealth counseling services on blood glucose control and self-care behaviors in patients with diabetes mellitus: A randomized controlled trial  
Thidarat Apinya (Department of Disease Control, Thailand)
- PE1-23** Deep causal exposome modeling identifies sleep-mediated stress-metabolic coupling linking hate-crime exposure and air pollution to obesity-diabetes risk in gay adults  
Rini Winarti (NextGen Biology and Health Equity Research Network, Indonesia)
- PE1-24** Food desert exposure and part D insulin cost-sharing burden shape chemotherapy relative dose intensity, febrile neutropenia hospitalizations, and hyperglycemic crises in obese women with hormone receptor–positive breast cancer in SEER-medicare linked to the USDA Atlas  
Novita Sari (Universitas Malikussaleh Aceh, Indonesia)
- PE1-25** Association between cluster of dietary and lifestyle behaviours and insulin resistance indexes in adolescents: A population-based study in Malaysia  
Leng Huat Foo (Universiti Sains Malaysia, Malaysia)
- PE1-26** Dose escalation of oral orforglipron in adults with overweight or obesity: A meta-analysis of absolute benefit, harm, and net clinical benefit  
Monica Regina Ngantung (De Los Santos Medical Center, Philippines)
- PE1-27** Optimizing coronary revascularization in diabetes: Clinical outcomes of intravascular imaging–guided percutaneous coronary intervention  
Hendrianus Hendrianus (Natuna General Hospital, Indonesia)
- PE1-28** Comparative effectiveness of once-weekly Insulin Efsitora Alfa in patients with type 2 diabetes mellitus: A systematic review and meta-analysis of randomized controlled trials  
Mohamed Hamouda Elkasaby (Al-Azhar University, Egypt)
- PE1-29** Triple oral therapy with pioglitazone, metformin, and dapagliflozin in korean adults with type 2 diabetes: A meta-analytic exploration of efficacy and safety  
Mohamed Hamouda Elkasaby (Al-Azhar University, Egypt)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

PE1-30 ~ PE1-39

- PE1-30** **Systematic review and meta-analysis of CSL112 (Human plasma-derived apolipoprotein A-I): Evidence from phase 1-3 clinical trials in healthy adults and cardiovascular disease patients**  
Aiman Hilmi Asaduddin (Universitas Sebelas Maret, Indonesia)
- PE1-31** **Adropin as a biomarker in type 2 diabetes: Association with diabetic kidney disease and chronic heart failure**  
Madhusudan Agrawal (King George's Medical University, India)
- PE1-32** **Evaluating the impact of cupping therapy on glycaemic control in type 2 diabetes: A systematic review and meta-analysis**  
Ahmad Faris Mohd Zulkafli (Klinik Mesra Bayu, Malaysia)
- PE1-33** **Exposure-dependent effects of GLP-1-based therapy in MASLD: A meta-analysis of randomized controlled trials**  
Edzil Marice Forteza (De Los Santos Medical Center, Philippines)
- PE1-34** **Burden of CKD from type 2 diabetes in Nepal, 1990 to 2023: Estimates from the global burden of disease study 2023**  
Gaurav Nepal (Rani Hospital, Ministry of Health and Population, Government of Nepal, Nepal)
- PE1-35** **Short-term dynamics of type 2 diabetes mortality attributable to high BMI across who regions: A mathematical modeling analysis using global burden of disease data**  
Oldheva Genisa Sabilau (State University of Malang, Indonesia)
- PE1-36** **Diabetes as a modifier of clinical outcomes after transcatheter versus surgical aortic valve replacement: Evidence from randomized trials**  
Hendrianus Hendrianus (Natuna General Hospital, Indonesia)
- PE1-37** **Association of VEGF rs833061 promoter polymorphism with obesity among Malay adults in Malaysia**  
Muhammad Ilyas Nadeem (Concordia University, Universiti Sultan Zainal Abidin, Canada)
- PE1-38** **Prevalence of high lipoprotein(a) and its association with comorbidities and complications in patients with type 2 diabetes: A single-centre cross-sectional study**  
Kelly Hiu Ching Wong (The University of Hong Kong, Hong Kong)
- PE1-39** **Maternal and fetal outcomes of gestational diabetes phenotypes based on the 75-gram oral glucose tolerance test**  
Eva Marie Gamallo (VisayasMed Hospital, Philippines)

### Diabetes/Obesity/Lipid (clinical)

PE1-40 ~ PE1-48

- PE1-40** **Clinicopathologic features, risk factors, and survival outcome patterns in early onset pancreatic cancer (EOPC): A systematic review and meta analysis**  
Erlangga Masykur Kynaya (Sebelas Maret University, Indonesia)
- PE1-41** **The widening gap: Longitudinal trends in socioeconomic gradients of cardiometabolic risk in Indonesia, 1997–2015**  
Asriati Asriati (Cenderawasih University, The Pranala Institute, Indonesia)
- PE1-42** **Pharmacy glucose test strip dispensing nowcasts undiagnosed diabetes hotspots in rural districts with HbA1c confirmation delays and higher diabetic ketoacidosis presentations using maximum-likelihood state-space models and spatial scan statistics in medicare and HCUP NEDS**  
Anekawati Anekawati (Sidorejo Kidul Health Public Center, Indonesia)
- PE1-43** **The diabetes financial-protection tipping point: Identifying out-of-pocket thresholds that causally collapse national care cascades and accelerate population-level glycemic failure across countries worldwide globally**  
Sahnaz Vivinda Putri (Indonesia Open University, Indonesia)
- PE1-44** **Metabolic effects of omega-3 supplementation in tobacco users: Evidence from a placebo-controlled study**  
Anjali Singh (King George's Medical University, India)
- PE1-45** **Association of cardiometabolic and visceral adiposity indices with metabolic dysfunction-associated fatty liver disease (MAFLD) in type 2 diabetes mellitus**  
Annisa Rizky Ermanda Had (Hasanuddin University, Indonesia)
- PE1-46** **Propolis supplementation improves glycemic status in patients with type 2 diabetes mellitus: A meta-analysis of randomized trials**  
Ema Novalia Dewi Kurnia Sari (Sukowati Tangen Regional Hospital, Indonesia)
- PE1-47** **Association of FTO gene polymorphism with dietary patterns, psychological status, and physical activity behaviour among adults with genetic predisposition towards obesity**  
Norazmir Md Nor (Universiti Teknologi MARA, Malaysia)
- PE1-48** **Temporal trends and projected socio-economic inequalities in type 2 diabetes DALYs attributable to high intake of sugar-sweetened beverages: A mathematical modeling study**  
Najwa Aisya Putri (International Open University, Indonesia)

## Poster exhibition

## Diabetes/Obesity/Lipid (clinical)

PE1-49 ~ PE1-58

- PE1-49** Impact of tocotrienol supplementation on renal functions and lipid profiles in patients with kidney diseases: A systematic review and meta-analysis of randomized controlled trials  
Omar Elkoumi (Suez University, Egypt)
- PE1-50** Shared and distinct clinical, metabolic, adipokine, and autonomic profiles distinguishing insulin resistance and metabolic syndrome in participants with obesity  
Chit Care (Mahidol University, Thailand)
- PE1-51** A systematic review and meta-analysis of fructosamine as glycemic biomarkers in diabetic patients with chronic kidney disease  
Aiman Hilmi Asaduddin (Universitas Sebelas Maret, Indonesia)
- PE1-52** Extended reality interventions on knowledge, behavior, and clinical outcomes in diabetes self-management education: Immersion learning for diabetes care  
Ni Made Ratih Dewi (The Pranala Institute, Indonesia)
- PE1-53** Effectiveness of digital and extended reality-based lifestyle interventions for preventing type 2 diabetes in individuals with prediabetes  
Hanna Rosanti (Atmajaya University, Indonesia)
- PE1-54** Tele-endocrine triage vs bedside triage for severe dysglycemic crises in island emergency departments using stochastic queuing networks incorporating ambulance offload delay, anion-gap turnaround, dialysis capacity, and weather-related transfer disruption  
Darius Laia (Gema Economy Indonesia, Indonesia)
- PE1-55** Metabolic improvement at 6 months after metabolic-bariatric surgery in Korean patients with obesity according to type of surgery  
Tae-Hun Park (Kosin University, Korea)
- PE1-56** A transformer-based deep learning approach for personalized HbA1c prediction in diabetes management  
Fiza Chaudhary (Universiti Sultan Zainal Abidin, Besut Campus, Malaysia)
- PE1-57** Associations between iron status and atherogenic lipid profiles in Asian patients with diabetic kidney disease  
Nam Nhat Nguyen (Hanh Phuc International Hospital, Vietnam)
- PE1-58** Efficacy and safety of fibrates versus statins in patients with advanced chronic kidney disease and end-stage renal disease: A systematic review and meta-analysis  
Omar Elkoumi (Suez University, Egypt)

## Diabetes/Obesity/Lipid (clinical)

PE1-59 ~ PE1-68

- PE1-59** The development and content validation of a gestational diabetes educational module for pregnant women in Selangor, Malaysia  
Norazlina Md Jazli (Universiti Teknologi MARA, Malaysia)
- PE1-60** A study of the association between glycemic control and hearing loss in patients with diabetes mellitus  
Amgalanbayar Tumendelger (ERDENET MEDICAL HOSPITAL, Mongolia)
- PE1-61** Effects of sodium-glucose cotransporter 2 (SGLT2) inhibitors on cardiovascular and renal outcomes in Asian patients with type 2 diabetes mellitus: A systematic review and meta-analysis  
Alyssa Claire Almo (Remedios Trinidad Romualdez Educational Foundation Hospital, Philippines)
- PE1-62** Clinical characteristics and outcomes of hyperglycemic crises in Thai adults: A retrospective study  
Chusana Sangswang (Chulalongkorn University, Thailand)
- PE1-63** Lipid-lowering potency of saffron supplementation in patients with type 2 diabetes mellitus: A meta-analysis of randomized trials  
Ema Novalia Dewi Kurnia Sari (Sukowati Tangen Regional Hospital, Indonesia)
- PE1-64** Young onset type 2 diabetes among Filipino adults  
Cherry Ann Durante (Philippine Women's University, Philippines)
- PE1-65** Modeling heterogeneity in prediabetes prevalence: A random-effects meta-analysis from Indonesia  
Oldheva Genisa Sabilau (State University of Malang, Indonesia)
- PE1-66** Activities of daily living and quality of life among adults with obesity  
Alya Balqis Hadlishym (Universiti Teknologi MARA, Malaysia)
- PE1-67** Role of lipid accumulation product and atherogenic index of plasma as predictors of metabolic dysfunction-associated fatty liver disease in type 2 diabetes mellitus  
Abdul Khalik Adam (Hasanuddin University, Indonesia)
- PE1-68** Correlation of triglyceride glucose (tyg) index and its modifications with metabolic dysfunction associated fatty liver disease (maflid) in type 2 diabetes mellitus  
Anugrah Insani (Hasanuddin University, Indonesia)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

PE1-69 ~ PE1-78

- PE1-69** Should we stop working?: The relationship between elevated fasting blood sugar and older age, increased wealth, and employment in Filipino adults aged 18-65  
Samantha Abigail Menor (University of the Philippines Manila, Philippines)
- PE1-70** The fiscal anatomy of weight loss: Mapping the cost-effectiveness of scalpel, pill, and plate  
Sarai Br Sitepu (Atmajaya University, Indonesia)
- PE1-71** Parenteral and enteral nutrition in elderly patients with diabetes: The role of informal caregivers in supporting aging in place and quality of life  
Gracce Sinaga (Atmajaya University, The Pranala Institute, Indonesia)
- PE1-72** Nursing homes versus community living: A national study of geriatric depression, fatigue, and quality of life in Indonesian elderly with diabetes  
Hepri Ardianson (The Pranala Institute, Indonesia)
- PE1-73** Integrative transcriptomic analysis and drug repurposing strategies for pancreatic islet dysfunction in type 2 diabetes  
Nadyatul Husna (Dr. Reksodiwiro Military Hospital, Indonesia)
- PE1-74** Comparative efficacy of pharmacotherapy as an augmentation to bariatric surgery: A network meta-analysis of randomized controlled trials  
Arohid Allatib (Republik of Indonesia Defense University, Indonesia)
- PE1-75** Metabolic inflammatory interaction in septic shock: The role of diabetes mellitus, NLR, and procalcitonin in ICU outcomes  
Getty Innash Nandika (RSUPN Dr. Cipto Mangunkusumo, Indonesia)
- PE1-76** Clinical characteristics and management of statin-associated anti-3-hydroxy-3-methylglutaryl-coenzyme a reductase immune-mediated necrotizing myopathy  
Se Hee Park (Yonsei University, Korea)
- PE1-77** Association of HbA1c-based glycemic phenotypes with dyslipidemia among Filipino adults  
Chona Patalen (Food and Nutrition Research Institute, Ghent University, Philippines)
- PE1-78** Comparative effects of aerobic, resistance, and combined exercise on insulin sensitivity in adults with obesity-associated type 2 diabetes: A meta-analysis  
Lilik Nurhasanah Purnomo Putri (Gadjah Mada University, Indonesia)

### Diabetes/Obesity/Lipid (clinical)

PE1-79 ~ PE1-88

- PE1-79** The effect of multistrain probiotics diabetes markers: A meta-analysis of HOMA-IR, fasting blood glucose, and CRP  
Zulfania Rahmah (Universitas Islam Indonesia, Indonesia)
- PE1-80** Nutritional effect of Cucurbita seed supplementation on BMI and glycaemic modulation potential in T2DM patients  
Poonam Sahu (King George's Medical University, India)
- PE1-81** The impact of yoga intervention on neuroinflammatory markers and autonomic function in obese patients with constipation: A non-invasive approach  
Diksha Devi (King George's Medical University, India)
- PE1-82** Can functional fibers modulate metabolic syndrome? A systematic review and meta-analysis on the effects of  $\beta$ -glucan on glycemic control, lipid profile, and body weight  
Fasha Arkhani (Universitas Sebelas Maret, Indonesia)
- PE1-83** Correlation of neutrophil-to-lymphocyte ratio with renal anemia in diabetic kidney disease patients without hemodialysis: A cross-sectional study in resource-limited hospital  
Gregorious Gandhi Krishna Aditya (Universitas Sebelas Maret, Indonesia)
- PE1-84** Insulin resistance assessed by HOMA-IR in overweight and obese adults  
Dolzodmaa Batbayar (Erdenet Medical Hospital, Mongolia)
- PE1-85** Obesity and end-stage kidney disease: Cross-sectional insights from a regional Indonesian hospital  
Luthfy luthfy (RSUD Dr. Soeroto Ngawi, Indonesia)
- PE1-86** Hydroxysafflor yellow A mitigates mesangial ECM remodeling in db/db mice: Potential roles of COL6A2 and MFGE8  
Ruizhen Hou (Peking Union Medical College, China)
- PE1-87** Association between GIPR p.E354Q and sulfonylurea responsiveness in type 2 diabetes  
Heejun Son (Seoul National University Hospital, Korea)
- PE1-88** Unveiling global research patterns on probiotics in type 2 diabetes mellitus: Insights from a bibliometric analysis  
Rinaldandi Aji Pinanda (Universitas Sebelas Maret, Indonesia)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

### PE1-89 ~ PE1-98

- PE1-89** **A theory-driven digital education resource for bariatric surgery patients to strengthen metabolic and lifestyle outcomes**  
Mohd Ramadan Ab Hamid (Universiti Teknologi MARA, Malaysia)
- PE1-90** **Association between physical and laboratory characteristics and risk factors for diabetic nephropathy, chronic kidney disease, and complications among individuals with type 2 diabetes mellitus**  
Purevbat Myagmar (General Hospital for State Special Servants, Mongolia)
- PE1-91** **Dapagliflozin improves liver enzymes in patients with non alcoholic fatty liver disease and type 2 diabetes mellitus: A meta-analysis of randomized trials**  
Ema Novalia Dewi Kurnia Sari (Sukowati Tangen Regional Hospital, Indonesia)
- PE1-92** **Successful outpatient management of severe alpelisib-induced hyperglycemia using continuous glucose monitoring: A case report**  
Akarapa Chulacupta (Chulalongkorn University, Thailand)
- PE1-93** **Effects of a motivational program on blood sugar control in poorly controlled type 2 diabetes patients in one subdistrict of Thailand**  
Mrs.Oraphan Khongsrichay (Nakhon Si Thammarat Provincial Public Health Office, Thailand)
- PE1-94** **Personalized nutritional intervention impact on renal outcomes in diabetic and hypertensive chronic kidney disease**  
Shailvi Verma (King George's Medical University, India)
- PE1-95** **Challenges in continuity of diabetes care: Evidence from Indonesia's national back-referral program**  
Desyifa Annisa Mursalin (Cipto Mangunkusumo Hospital, Indonesia)
- PE1-96** **Interaction of BMI with diabetes duration and complications on systolic blood pressure**  
Jargalma Altangerel (Mongolian National University of Medical Sciences, Mongolia)
- PE1-97** **The relationship between social support and self-care practice among patients with diabetes mellitus at a teaching hospital**  
Norlaila Abu Samah (Universiti Teknologi MARA, Malaysia)
- PE1-98** **Comparison between several lipid indices in correlation with dysglycemia**  
Risna Rajab (Faculty of Medicine, Indonesia)

### Diabetes/Obesity/Lipid (clinical)

### PE1-99 ~ PE1-108

- PE1-99** **Continuous glucose monitoring profiles and their association with glucated hemoglobin**  
Ariuntuya Tumurbaatar (Second State Central Hospital, Mongolia)
- PE1-100** **Evaluation of Finnish diabetes risk score (FINDRISC) and metabolic marker associated with type 2 diabetes mellitus risk among 30-59-year-old non-teaching staff at Centro Escolar University-Manila**  
Antoine Clarence Miranda (Centro Escolar University, Philippines)
- PE1-101** **Anti-inflammatory nutrition therapy and its impact on glycaemic and lipid parameters in patients with autoimmune diseases**  
Sana Aslam (University Malaysia Terengganu, Malaysia)
- PE1-102** **The sentinel movement: Diabetic striatopathy as the first sign of undiagnosed type 2 diabetes mellitus**  
Kamille Airyel Enriquez (The Medical City, Philippines)
- PE1-103** **Telemonitoring and teleconsultation to improve glycemic control in Vietnamese outpatients with type 2 diabetes: A pilot comparative trial**  
Truong Le (University Medical Center Ho Chi Minh City, Vietnam)
- PE1-104** **Association between random blood glucose levels and urinary ketone grades in diabetic ketoacidosis: A cross-sectional study in resource-limited hospital**  
Rinaldandi Aji Pinanda (Universitas Sebelas Maret, Indonesia)
- PE1-105** **One-year changes in estimated glomerular filtration rate among adults with type 2 diabetes**  
Nomin-Erdene Luvsanpurev (Mongolian National University of Medical Sciences, Mongolia)
- PE1-106** **Hidden burden of type 2 diabetes mellitus in rural Indonesia: Insights from a large-scale community screening program**  
Zavia Putri Salsabila (Universitas Islam Indonesia, Indonesia)
- PE1-107** **Central obesity and diabetes mellitus in Indonesia: A provincial ecological correlation study using 2023 national survey data**  
Gregorious Gandhi Krishna Aditya (Universitas Sebelas Maret, Indonesia)
- PE1-108** **Development of a Southern Thai indigenous healthy diet management model for glycemic control among patients with type 2 diabetes in Southern Thai communities, Thailand**  
Kanjanaorn Krainara (Thung Yai Hospital, Thailand)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

### PE1-109 ~ PE1-118

- PE1-109** Explaining heterogeneity in blood glucose testing coverage using mixed-effects meta-regression: A population-based analysis from Indonesia  
Najwa Aisya Putri (International Open University, Indonesia)
- PE1-110** Prevalence and patterns of dyslipidemia among adults with diabetes mellitus  
Bakhargul Santai (Mongolian National University of Medical Sciences, Mongolia)
- PE1-111** Phenotypic differences according to long-term HbA1c trajectories after acute myocardial infarction: Analysis from the KAMIR-NIH registry  
Minchul Song (Chungnam National University Hospital, Korea)
- PE1-112** Explore the diabetic distress among patients at medical outpatient department in Sultan Ahmad Shah Medical Centre@Illum  
intan syafina mohd zarani (Universiti Teknologi MARA, Malaysia)
- PE1-113** Prevalence and determinants of diabetes mellitus risk among law enforcement officers in Mongolia: A nationwide cross-sectional study  
Purevbat Myagmar (General Hospital for State Special Servants, Mongolia)
- PE1-114** Severe statin-associated rhabdomyolysis with acute kidney injury in type 2 diabetes mellitus: A diagnostic challenge in differentiation from immune-mediated necrotizing myopathy  
James Manuel (East Avenue Medical Center, Philippines)
- PE1-115** The development of a self-management model for type 2 diabetes patients with poor disease control in one subdistrict of Thailand  
Mrs.Kessarawan Pradubpoth (Promkiri Hospital, Thailand)
- PE1-116** Different effect of atorvastatin and simvastatin to CRP in metabolic syndrome and type 4 cardiorenal syndrome with reduced ejection fraction  
Marcelino Adiska Megantara (Sebelas Maret University, Indonesia)
- PE1-117** Correlation between blood pressure, puberty status, and age to body mass index (BMI) among Indonesian teenagers: A cross-sectional study in Surakarta  
Marcelino Adiska Megantara (Sebelas Maret University, Indonesia)
- PE1-118** Exploring dual perspectives of type 2 diabetes mellitus self-management in rural area: Bridging the insight gap from healthcare professionals to patients  
Marcelino Adiska Megantara (Siloam Hospital Sentosa, Indonesia)

### Diabetes/Obesity/Lipid (clinical)

### PE1-119 ~ PE1-128

- PE1-119** Age-related diabetes risk and biochemical characteristics among adult tuberculosis patients in the national TB control program in Batangas City  
Venice Millicent Montalbo (University of the Philippines Los Banos, Philippines)
- PE1-120** Differential and common clinical, metabolic, adipokine, and autonomic predictors of systolic and diastolic blood pressure in adults with obesity  
Thanaporn Keedklang (Mahidol University, Thailand)
- PE1-121** Efficacy of recombinant HDL infusions on coronary atheroma volume and low-density lipoprotein levels: A meta-analysis of randomized controlled trials  
Frida Nur Rohmatin (Sebelas Maret University, Indonesia)
- PE1-122** Adipocyte-derived proteins as novel modulators of glucose and lipid metabolism  
Nuraniza Azahari (International Islamic University Malaysia, Malaysia)
- PE1-123** Smoking-attributable burden of type 2 diabetes mellitus in Indonesia and South Korea: A comparative analysis of global burden disease 2021  
Gregorious Gandhi Krishna Aditya (Universitas Sebelas Maret, Indonesia)
- PE1-124** The association between footcare practice and peripheral neuropathy among patients with type 2 diabetes mellitus at perpetual help medical center Binan  
Aiko Escobido (Perpetual Help Medical Center, Philippines)
- PE1-125** Intermittent fasting as an anti-inflammatory intervention to reduce hs-CRP in type 2 diabetes mellitus: A meta-analysis  
Nazala Safira (Universitas Islam Indonesia, Indonesia)
- PE1-126** Severe diabetic autonomic neuropathy presenting with orthostatic hypotension and gastroparesis: Clinical features and impact on quality of life  
Cordella Formalejo (The Medical City, Philippines)
- PE1-127** Admission hyperglycemia as a clinical risk marker based on GRACE score in acute coronary syndrome: A cross-sectional study in resource-limited hospital  
Gregorious Gandhi Krishna Aditya (Universitas Sebelas Maret, Indonesia)
- PE1-128** Prevalence and cardiovascular risk across the spectrum of hypertriglyceridemia in Korean adults: A nationwide population-based study  
Hun Jee Choe (Dongtan Sacred Heart Hospital, Korea)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

PE1-129 ~ PE1-138

- PE1-129** Postpartum hemorrhage severity and long-term endocrine and metabolic morbidity: A nationwide population-based cohort study  
Hun Jee Choe (Dongtan Sacred Heart Hospital, Korea)
- PE1-130** Performance of standard and modified FRAX scores in reflecting diabetes-related complications in patients with type 2 diabetes  
Goknur Yorulmaz (Eskisehir Osmangazi University, Turkey)
- PE1-131** The procalcitonin paradox in advanced type 2 diabetes: Diabetic kidney disease on hemodialysis with transudative pleural effusion and pulmonary edema mimicking severe community-acquired pneumonia  
Muhammad Okan Weis Rayziq Parwoko (Universitas Sebelas Maret, Indonesia)
- PE1-132** Determinants of sleep quality among adults with obesity  
Zaidi Zakaria (Canselor Tuanku Muhriz Hospital, Malaysia)
- PE1-133** Development and validation of a semi-quantitative food frequency questionnaire for assessing probiotic and prebiotic intake in healthy young adults  
Raphael Roubeni Balagtas (Institute of Human Nutrition and Food, Philippines)
- PE1-134** Home food environment, diet quality, and nutritional status among late adolescents in a public high school in Antipolo City  
Raf Matthew Hangad (University of the Philippines Los Banos, Philippines)
- PE1-135** Non-arteritic ischemic optic neuropathy in a Filipino patient receiving GLP-1 receptor agonist: A case report  
Jeriane Claire Roxas (The Medical City - South Luzon, Philippines)
- PE1-136** Surprisingly higher than control group levels of high-density lipoprotein cholesterol in patients with hiatal hernia  
Melisa Sahin Tekin (Eskisehir Osmangazi University, Turkey)
- PE1-137** Comparison of glucose values estimated by hexokinase, glucose oxidase-peroxidase and glucometer based methods in Nepalese diabetic patients  
Apeksha Niraula (Institute of Medicine Tribhuvan University Teaching Hospital, Nepal)
- PE1-138** Relationships between the number/type of glucose metabolism defects and inflammatory markers: A cross-sectional study  
Yang Wang (Zhongda Hospital Southeast University, Southeast University, China)

### Diabetes/Obesity/Lipid (clinical)

PE1-139 ~ PE1-148

- PE1-139** Impact of diabetes-related distress on quality of life in patients with diabetes mellitus after myocardial infarction event: A comprehensive analysis  
Marcelino Adiska Megantara (Siloam Hospital Sentosa, Indonesia)
- PE1-140** Beta-cell mass and functional changes in clinical stages of type 2 diabetes mellitus  
Bolor Byambatsooj (Mongolian National University of Medical Sciences, Mongolia)
- PE1-142** Hospital admission patterns and chief complaints in diabetic patients  
Temuulen Erdene-Ochir (Mongolian Diabetes Association Center, Mongolia)
- PE1-143** Assessment of HbA1c levels and associated insulin and C-peptide profiles in individuals undergoing preventive health examinations in Mongolia  
Soronzoo Ragchaasuren (Erdenet Medical Hospital, Mongolia)
- PE1-144** Trajectory of self-care behaviors in patients with poorly controlled type 2 diabetes: The impact on clinical outcomes: A longitudinal study  
Nannapath Saramad (Boromrajonnani College of Nursing, Thailand)
- PE1-145** Knowledge, attitude, and practices on dyslipidemia management of internal medicine specialists in a tertiary hospital in the Philippines: A single-center cross-sectional study  
Mary Pauline Therese Chua (Makati Medical Center, Philippines)
- PE1-146** "The effectiveness of platelet-rich plasma (PRP) therapy in the treatment of chronic diabetic foot ulcers" case report  
Jamtsdulam Altantsetseg (Miltzer & Münch (M&M) Mongolia, Mongolia)
- PE1-147** Medication adherence and beliefs among patients with type 2 diabetes mellitus in the community of Kubang Kerian  
Nurul Hafiza Saad (Universiti Teknologi MARA, Malaysia)
- PE1-148** Handgrip strength as a predictor of type 2 diabetes mellitus and arterial hypertension risk in military personnel  
Delgermaa Bor (Mongolian National University of Medical Sciences, Mongolia)

## Poster exhibition

### Diabetes/Obesity/Lipid (clinical)

PE1-149 ~ PE1-158

- PE1-149** Prevalence of peripheral neuropathy using sympathetic skin response (SSR) among prediabetic employees of Zamboanga City Medical Center  
Genwil Agabon (Zamboanga City Medical Center, Philippines)
- PE1-150** Defining obesity beyond body mass index: Metabolic syndrome–anchored body fat percentage thresholds under the lancet commission criteria in Asian adults  
Han Na Jung (Hallym University College of Medicine, Korea)
- PE1-151** Strengthening diabetes care nationwide: Development and implementation of a national training framework for hospital diabetes educator teams in Indonesia  
Desyifa Annisa Mursalin (Cipto Mangunkusumo Hospital, Indonesia)
- PE1-152** Relationship of fast food restaurant proximity to fast food consumption as a potential risk factor to overweight and obesity  
Geneses Laurete (University of the Philippines Los Banos, Philippines)
- PE1-153** Relationship between the TyG index and diabetic kidney disease in type 2 diabetes mellitus patients  
Madhusudan Agrawal (King George's Medical University, India)
- PE1-154** Evaluating satisfaction and willingness to pay for diabetes education: A hospital-based survey  
Jaesang Lim (The Catholic University of Korea Uljeongbu St. Mary's Hospital, Korea)
- PE1-155** An evaluation of accuracy, validity, and usability of mobile application for anthropometric assessment among nutrition professionals in the Philippines  
Michelle Grace Braga (University of the Philippines Los Banos, Philippines)
- PE1-156** Clinical predictors of higher insulin dose requirements in the insulin tolerance test: A single-center retrospective study  
Min Kyoung Jang (Asan Medical Center, Korea)
- PE1-157** Results of surgical management of diabetic foot ulcers at the central hospital of the Mongolian National University of Medical Sciences (MNUMS)  
Nomin Dashdondov (Mongolian National University of Medical Sciences, Mongolia)
- PE1-158** Stronger association of endometrial cancer with general obesity than with abdominal obesity in young-aged Korean women: A nationwide population-based cohort study  
Jung Heo (Myongji Hospital, Korea)

### Diabetes/Obesity/Lipid (clinical)

PE1-159 ~ PE1-163

- PE1-159** Effects of adjunctive phentermine/topiramate ER versus intensification of oral therapy on glycaemic control and body weight in patients with type 2 diabetes and increased appetite  
Boyeon Kim (Soon Chun Hyang University Bucheon Hospital, Korea)
- PE1-160** Association between systemic immune-inflammation index and cardiovascular disease incidence in patients with type 2 diabetes mellitus  
Do Kyeong Song (Ewha Womans University, Korea)
- PE1-161** CGMGURU: A novel R package for automated glycemic event detection from continuous glucose monitoring data  
Sangho Park (Samsung Medical Center, Korea)
- PE1-162** HbA1c utilization in the Korean health check-up population from local clinics and hospitals and its impact on prediabetes classification  
Rihwa Choi (GC Labs, Sungkyunkwan University School of Medicine, Korea)
- PE1-163** Impact of chrononutrition on glycemic variability and insulin sensitivity in patients with type 2 diabetes  
Parag Rane (JD Pawar College of Pharmacy, India)

## Poster exhibition

### Thyroid

### PE2-1 ~ PE2-10

- PE2-1** Comparison of oncologic outcomes of C228T TERT promoter mutation with C250T mutation in differentiated thyroid cancer  
Bo ram Kim (Samsung Medical Center, Korea)
- PE2-2** Metastases to the thyroid gland: A 20-year single-center experience of 98 cases  
Ji Hyun Yoo (Samsung Medical Center, Korea)
- PE2-3** Relapse rate after anti-thyroid drug withdrawal in patients with hyperthyroidism: A population-based cohort study in Hong Kong  
Chuyao Liu (Hong Kong Polytechnic University, Hong Kong)
- PE2-4** Iodine nutritional status and thyroid-related changes across pregnancy and postpartum: A prospective cohort study in Taiwan  
Chia-Chin Lee (Taipei Veterans General Hospital, Taiwan)
- PE2-5** Longitudinal evaluation of serum IgG4 in autoimmune thyroid diseases  
Yi-Chia Ho (National Taiwan University Hospital, Taiwan)
- PE2-6** Bioinformatics-driven identification of a single-cell irreversibility threshold predicting radioiodine refractoriness via endocrine dedifferentiation dynamics in papillary thyroid carcinoma  
Rini Winarti (NextGen Biology and Health Equity Research Network, Indonesia)
- PE2-7** Cooling poverty index and wet bulb globe temperature extremes shape subclinical hypothyroidism burden and progressive insulin resistance in densely populated urban slums and drought affected rural districts  
Mariani Mariani (Hasanuddin University, Indonesia)
- PE2-8** Risk factors and clinical characteristics of Graves' ophthalmopathy: A retrospective multicenter study in Korea  
Seo Young Sohn (MyongJi Hospital, Korea)
- PE2-9** Trends in the burden of thyroid diseases in Southeast Asia (ASEAN-5) in 1990–2023  
Putri Putri Ayu (Andalas University, Indonesia)
- PE2-10** Incidence and predictors of second malignant neoplasms in differentiated thyroid cancers: A population-based analysis  
Ahmed Elkoumi (Health Affairs Directorate of El Sharqeya, The Ministry of Health and Population, Egypt)

### Thyroid

### PE2-11 ~ PE2-20

- PE2-11** Patient adherence to low-iodine diet for preparation of radioactive iodine ablation therapy  
Chia-Chin Lee (Taipei Veterans General Hospital, Taiwan)
- PE2-12** Molecular docking-based investigation of therapeutic targets in thyroid neoplasms and thyroid dysfunction  
KAJAL ARORA (Galgotias University, India)
- PE2-13** Metabolic consequences of iodine-related thyroid dysfunction in Indonesia  
Sarai Br Sitepu (Atmajaya University, Indonesia)
- PE2-14** Evaluation of the relationship between laboratory parameters at initial presentation and clinical course in patients diagnosed with subacute thyroiditis  
Goknur Yorulmaz (Eskisehir Osmangazi University, Turkey)
- PE2-15** Exploring efficacy and safety of radiofrequency ablation for secondary hyperparathyroidism, a systematic review and single-arm meta-analysis  
Mohamed Hamouda Elkasaby (Al-Azhar University, Egypt)
- PE2-16** Thyroid cancer stage migration after private ultrasound expansion and media anxiety shocks estimated using instrumental variable designs linking radiologist supply, google search intensity, bethesda cytology, tumor size distributions, and SEER medicare registry claims  
Falakh Abdillah (Bhinneka Growth Generation Consultant, Indonesia)
- PE2-17** Climate heat index surges and prenatal iodine insufficiency interact to amplify thyroid hormone instability during pregnancy using distributed lag nonlinear models on gestational week specific TSH free T4 and urinary iodine data  
Dimas Fajar Prasetyo (The University of Western Australia, Indonesia)
- PE2-18** Antithyroid drug shortage shock and atrial fibrillation escalation in older adults linking thyrotoxicosis rebound, tsh testing acceleration, and emergency  $\beta$ -blocker initiation through interrupted time series of medicare and HCUPS NEDS data  
Anekawati Anekawati (Sidorejo Kidul Health Public Center, Indonesia)
- PE2-19** Assessment of the frequency of carriage of antithyroid antibodies in patients with vitiligo  
Nurana Nuralieva (Endocrinology Research Centre, Russian Federation)
- PE2-20** Diagnostic accuracy of the American thyroid association guidelines, ACR TI-RADS, EU TI-RADS, K TI-RADS, Japanese association of breast and thyroid sonology guidelines for malignancy risk determination of thyroid nodules among adult Filipinos  
Patrick Wilson Lim (St. Luke's Medical Center - Global City, Philippines)

## Poster exhibition

### Thyroid

### PE2-21 ~ PE2-30

- PE2-21** Retrospective analysis of second radioactive iodine therapy efficacy relative to thyroglobulin levels  
Hee Sung Song (Jeju National University, Korea)
- PE2-22** Role of gut microbiota-derived bile acids in thyroid hormone regulation and metabolic homeostasis  
Shatrughna Nagrik (SATYA University, India)
- PE2-23** Multidisciplinary management of advanced metastatic papillary thyroid cancer in an elderly patient  
Hera Angela Pagalilauan (The Medical City, Philippines)
- PE2-24** The association of thyroid-stimulating hormone and insulin resistance using triglyceride-glucose (Ty-G) index among patients on levothyroxine treatment: A cross-sectional study  
Jessika Iza Chua (St. Luke's Medical Center - Quezon City, Philippines)
- PE2-25** Association of water, sanitation, and hygiene (WASH)-related factors with urinary iodine concentration among women of reproductive age in the Philippines: A cross-sectional study  
Vanessa Joy Timoteo-Garcia (University of the Philippines Manila, Philippines)
- PE2-26** Sociodemographic predictors of urinary iodine concentration levels among Filipino women of reproductive age  
Ma. Clara Cabaluna (University of the Philippines Manila, Philippines)
- PE2-27** Incidence and risk factors for post-thyroidectomy hypocalcemia at Victoriano Luna Medical Center: A retrospective study  
Angela Rose Corpuz (Victoriano Luna General Hospital, Philippines)
- PE2-28** Age-specific prevalence gradients of thyroid cancer across socio-demographic index levels: A computational modeling study in young to middle-aged adults  
Najwa Aisya Putri (International Open University, Indonesia)
- PE2-29** Spectrum of thyroid abnormalities in pediatric CKD and correlation with proteinuria  
Shweta Jatinkumar Dhanani (GMERS Medical College, India)
- PE2-30** Prevalence and clinicopathological impact of BRAFV600E, NRAS, and KRAS mutations in thyroid cancer at the national cancer center of Mongolia  
Javzanpagma Tsogbadrakh (National Cancer Center of Mongolia, Mongolia)

### Thyroid

### PE2-31 ~ PE2-40

- PE2-31** Economic implications of thyroid dysfunction: Evaluating healthcare costs and outcomes  
Fitri Kurnia (Universitas Muhammadiyah Sumatera Barat, Indonesia)
- PE2-32** Shaping the future of thyroid cancer care: Projections across SDI levels and opportunities for AI and robotic-assisted surgery  
Oldheva Genisa Sabilau (State University of Malang, Indonesia)
- PE2-33** Age-related distribution of thyroid hormone dysfunction based on TSH levels: A cross-sectional study  
Bolormaa Batbayar (Mongolian National University of Medical Sciences, Mongolia)
- PE2-34** Thyroid dysfunction in salinity-intruded coastal communities quantified with spatial mixed-effects models integrating water chloride, dietary sodium, household iodized-salt status, urinary iodine, thyroglobulin, and TPO antibodies to explain goiter and subclinical hypothyroidism  
Rosdiana Rosdiana (Indonesian Youth Health Movement, Indonesia)
- PE2-35** Cardiometabolic risk clustering in adults with thyroid nodules: Evidence from Mongolia  
Narkhajid Galsanjigmed (Mongolian National University of Medical Sciences, Mongolia)
- PE2-36** Sea-level rise, salinity intrusion, and coastal flood frequency are linked to elevated newborn TSH, low free T4, and thyroglobulin signatures using California newborn screening records, DHS iodized-salt coverage, and satellite-derived shoreline change metrics  
Nurlia Nurlia (Pattimura University, Indonesia)
- PE2-37** Treatment of Graves' disease with combined lithium, prednisone, and radioactive iodine in decompensated chronic liver disease  
Regiel Christian Mag-usara (Philippine General Hospital, Philippines)
- PE2-38** Association of thyroid function with ovarian dysfunction in fertile age group  
Harshita Dubey (All India Institute of Medical Sciences, India)
- PE2-39** Correlation between TI-RADS classification and fine-needle aspiration cytology in thyroid nodules: A hospital-based study  
Lkhagvamaa Gankhuyag (Thyromed Clinic, Mongolia)
- PE2-40** Autoimmune hypothyroidism with suspected ectopic thyroid tissue in a resource-limited setting  
Mohammad Elshad Sali (East Avenue Medical Center, Philippines)

## Poster exhibition

### Thyroid

### PE2-41 ~ PE2-50

- PE2-41** **Prevalence of primary thyroid neoplasms among patients in Hospital Al-Sultan Abdullah UiTM: A five-year cross-sectional study**  
Muhamad Idham bin Mohamed (Hospital Al-Sultan Abdullah Universiti Teknologi MARA, Malaysia)
- PE2-42** **Oncocytic variant of papillary thyroid carcinoma with early recurrence and radioiodine refractoriness: A case report**  
Floris Borilla (Makati Medical Center, Philippines)
- PE2-43** **Is lipid profile affected by hypothyroidism? : An analysis on specific populations and levothyroxine replacement therapy**  
Christopher William Purnomo (Universitas Sebelas Maret Surakarta, Indonesia)
- PE2-44** **Clinical outcomes of antithyroid drugs treatment in patients with Graves' disease: A hospital based study**  
Khulan Enkhtuvshin (Thyromed Clinic, Mongolia)
- PE2-45** **Durvalumab-induced thyroiditis in a patient with non-small cell lung cancer: A case report**  
Jose Gabriel Go (Philippine General Hospital, Philippines)
- PE2-46** **Undiagnosed congenital hypothyroidism secondary to thyroid agenesis presenting in adulthood with multisystem involvement**  
Miguel Sebastian Pantig (East Avenue Medical Center, Philippines)
- PE2-47** **Transformation autoimmune thyroiditis to MALT lymphoma: Rare but existing indolent malignant disease**  
Irma Wahyuni (AwalBros Hospital, Indonesia)
- PE2-48** **Recurrent complete heart block in Graves' disease**  
Tristan Colasito (University of the Philippines - Philippine General Hospital, Philippines)
- PE2-49** **Bridging the gap: The use of therapeutic plasma exchange as intervention for hyperthyroidism from Graves' disease in a pregnant patient with thionamide-induced agranulocytosis**  
Kent Guillermo (East Avenue Medical Center, Philippines)
- PE2-50** **Collision tumor of papillary-follicular thyroid cancer with synchronous endometrial carcinoma in a Filipino female**  
Regiel Christian Mag-usara (Philippine General Hospital, Philippines)

### Thyroid

### PE2-51 ~ PE2-60

- PE2-51** **Establishment of thyroid reference ranges: Methodological biases, population heterogeneity, and metabolic outcomes - a systematic review**  
Samuel Ferdinand Wadoe (Universitas Sebelas Maret Surakarta, Indonesia)
- PE2-52** **Geographic travel friction, traditional healer utilization, and infrastructure poverty are associated with advanced-stage thyroid cancer at diagnosis in Indigenous highland regions using population-based cancer registries and geospatial accessibility metrics**  
Asniah Asniah (Agricultural Development Polytechnic, Indonesia)
- PE2-53** **Fine-needle aspiration cytology and Bethesda system classification of thyroid lesions: A 2-year retrospective analysis of 304 patients at UB Songdo Hospital, Mongolia**  
Bayarmaa Nanzan (UB Songdo Hospital, Mongolia)
- PE2-54** **Diagnostic accuracy of AI-assisted thyroid nodule evaluation**  
Sarai Br Sitepu (Atmajaya University, Indonesia)
- PE2-55** **Non-traumatic chylothorax secondary to Graves' thyrotoxicosis: A case report**  
Jamila Christine Ortico (Cardinal Santos Medical Center, Philippines)
- PE2-56** **Thyroid storm in a patient with Graves' disease following radioactive iodine (RAI) therapy**  
Juaymah Leynes (Philippine General Hospital, Philippines)
- PE2-57** **Four decades of thyroid cancer in Asia: Epidemiologic trends and disease burden**  
Zavia Putri Salsabila (Islamic Indonesia University, Indonesia)
- PE2-58** **Clinical outcomes of treatment in patients with Hashimoto's disease: A hospital-based study**  
Ankhan Boldbaatar (Mongolian National University of Medical Sciences, Mongolia)
- PE2-59** **Mixed subtype thyroid carcinoma with predominant poorly differentiated component: A case report**  
Larizza Yrish Ramos-Mercado (UP Philippine General Hospital, Philippines)
- PE2-60** **Synchronous papillary and medullary thyroid carcinoma in a 64-year-old Filipino: A rare case with clinical and prognostic implications**  
Joshua Servande (Philippine General Hospital, Philippines)

## Poster exhibition

### Thyroid

### PE2-61 ~ PE2-70

- PE2-61** **The association between cigarette smoking and thyroid neoplasms: Evidence from thyroid physiology**  
Iqlima Afifah (Universitas Islam Indonesia, Indonesia)
- PE2-62** **Caught by storm: Metastatic papillary thyroid carcinoma leading to thyroid storm post surgery**  
Jerome Dylan Montalbo (Philippine General Hospital, Philippines)
- PE2-63** **Drought-driven salinity intrusion altering dried blood spot matrix performance and TSH recovery during newborn screening in coastal clinics with cold-chain excursions and extended transit delays**  
Falakh Abdillah (Bhinneka Growth Generation Consultant, Indonesia)
- PE2-64** **Structural and functional thyroid abnormalities identified through preventive health screening**  
Altaiaskhan Khasag (Mongolian National University of Medical Sciences, Mongolia)
- PE2-65** **A special report association of hypothalamic tumor and thyroid Langerhans cell histiocytosis LCH**  
lundy sieng (Calmette Hospital, Cambodia)
- PE2-66** **Minimally invasive oncocytic carcinoma of the thyroid presenting as a long-standing neck mass**  
Janelle Ahorro-Villasera (The Medical City - Ortigas, Philippines)
- PE2-67** **Synergistic induction of symptomatic gynecomastia by 5-alpha reductase inhibitors and Graves' disease**  
Youngsook Kim (Soon Chun Hyang University Cheonan Hospital, Korea)
- PE2-68** **Association between food autoimmune thyroiditis and intolerance**  
Bolor Byambatsoj (Endomed hospital, Mongolian National University of Medical Science, Mongolia)
- PE2-69** **Clinical and functional characteristics of patients with autoimmune thyroiditis presenting with thyroid enlargement: A hospital-based study**  
Munkhgerel Bold (Thyromed Clinic, Mongolia)
- PE2-70** **Autoimmune hypothyroidism with rheumatoid arthritis–systemic lupus erythematosus overlap presenting as encephalopathy: A case suggestive of autoimmune polyglandular syndrome type III**  
Janina Michelle R. Khemlani, MD (San Juan De Dios Educational Foundation, INC - Hospital, Philippines)

### Thyroid

### PE2-71 ~ PE2-80

- PE2-71** **Early-onset methimazole-induced cholestatic jaundice in a patient with Graves' disease: A case report**  
Maebelle Anne Lao (Chong Hua Hospital, Philippines)
- PE2-72** **Rare case of alopecia areata universalis in Filipino patient with Graves' disease**  
Arobe Li Goling (University of the Philippines - Philippine General Hospital, Philippines)
- PE2-73** **Hypertriglyceridemia in post-total thyroidectomy patients: To treat or not to treat? a case series**  
Ihsanul Rajasa, Subekti (Dharmas National Cancer Hospital, Indonesia)
- PE2-74** **A rare case of calvarial and intracranial metastasis from invasive follicular variant papillary thyroid carcinoma**  
Rikki Kent Ba-aco (Philippine General Hospital, Philippines)
- PE2-75** **Severe complications of hypothyroidism: A case report on rhabdomyolysis and renal failure**  
Herald Mapa (University of Santo Tomas Hospital, Philippines)
- PE2-76** **Papillary thyroid carcinoma presenting as a thyroglossal duct cyst without orthotopic thyroid involvement in an adult Filipino female**  
Kyle Patrick Eugenio (Philippine General Hospital, Philippines)
- PE2-77** **An uncommon face of papillary thyroid cancer: A case of warthin-like variant**  
Victoriano Jr. Advento (De La Salle University Medical Center, Philippines)
- PE2-78** **TI-RADS assessment and fine needle aspiration results for thyroid nodules**  
Bayarsukh Narmandakh (Mongolian National University of Medical Sciences, Mongolia)
- PE2-79** **Association between thyroid autoantibody levels and TSH variations**  
Uyanga Erdenebat (Thyromed Clinic, Mongolia)
- PE2-80** **To assess the correlation between glycemic control and TSH levels in patients with type 2 diabetes mellitus**  
Munkh-Uyanga Erdenechuluun (Mongolian National University of Medical Sciences, Mongolia)

## Poster exhibition

### Thyroid

PE2-81 ~ PE2-89

- PE2-81** Primary thyroid lymphoma presenting as a rapidly enlarging neck mass in a 59-year-old female: A case report  
Jared Louis Bringas (Makati Medical Center, Philippines)
- PE2-82** Postpartum eclampsia complicated by concurrent thyroid storm in a preterm mother: A case report in a rural setting hospital  
Reza Wahyuningsih (Islamic University of Indonesia, Indonesia)
- PE2-83** Right iliac bone metastasis without an identifiable primary tumor: A case report of follicular thyroid carcinoma  
Janelle Ahorro-Villasera (The Medical City - Ortigas, Philippines)
- PE2-84** An exceptionally rare case of biopsy-confirmed skeletal muscle metastasis from classic papillary thyroid carcinoma in an adult Filipino male  
Rikki Kent Ba-aco (Philippine General Hospital, Philippines)
- PE2-85** The association between adjuvant and neoadjuvant chemotherapy on lung metastasis of thyroid cancer: A population-based study in the United States  
Nisrina Nabila (Universitas Islam Indonesia, Indonesia)
- PE2-86** From uptake to escape: Early transition to radioactive iodine non-avid papillary thyroid cancer in a young adult Filipino patient  
Mary Pauline Therese Chua (Makati Medical Center, Philippines)
- PE2-87** Clear cell renal cell carcinoma with metastasis to the thyroid: A case report  
Kyla Dawn Bacani (De Los Santos Medical Center, Philippines)
- PE2-88** A rare autoimmune overlap: Immune thrombocytopenia in Grave's disease  
Tiffany Anne Racpan-Cataylo (The Medical City - South Luzon, Philippines)
- PE2-89** Integrated multi omics analysis of immune landscape transformation and genomic drivers in recurrent papillary thyroid carcinoma  
Nadyatul Husna (Dr. Reksodiwiryo Military Hospital, Indonesia)

### Bone/Muscle/Aging

PE3-1 ~ PE3-10

- PE3-1** Limitations of GLP-1 receptor agonists on lean mass and bone health  
Lintong Simbolon (The Pranala Institute, Indonesia)
- PE3-2** SGLT2i reduce fracture risk in patients with COPD and type 2 diabetes  
Fu-Shun Ko (Taipei Veterans General Hospital, Taiwan)
- PE3-3** Joint associations of osteoporosis and low muscle mass with all-cause and cardiovascular mortality: A nationwide population-based study  
Eyun Song (Korea University, Korea)
- PE3-4** Mathematical modeling of a bone-frailty endocrine digital twin to quantify endocrine resilience and predict frailty tipping points in aging adults  
Rifaldy Fajar (IMCDS-BioMed Research Foundation, Indonesia)
- PE3-5** Frailty-linked diabetes treatment deintensification and fragility fracture cascade in older adults studied with target trial emulation using hypoglycemia history, HbA1c variability, eGFR decline, polypharmacy burden, and FRAX-based baseline fracture risk  
Asniah Asniah (Agricultural Development Polytechnic, Indonesia)
- PE3-6** Protective effects of prasiola japonica ethanol extract in a menopause model: Multi-system effects on immune modulation, muscle, and bone  
Chikako Sakao (Sungkyunkwan University, Japan)
- PE3-7** Longitudinal calcium trajectories and osteoporosis risk in chronic kidney disease patients: An AI-driven population cohort study  
Noel Yue (University of Hong Kong, Hong Kong)
- PE3-8** A reliable radiomics-based machine learning model for preoperative differentiation of parathyroid lesion on ultrasonography: A retrospective diagnostic study in a single center  
Byungkwan Jung (Gachon University Gil Medical Center, Korea)
- PE3-9** Predictive model of mortality in solid cancer patients with hypercalcemia of malignancy  
Thachanun Porntharukchareon (Chulabhorn Royal Academy, Thailand)
- PE3-10** Computational identification of multi-target siRNA candidates regulating muscle atrophy in sarcopenia  
Rian Ka Praja (Universitas Palangka Raya, Indonesia)

## Poster exhibition

### Bone/Muscle/Aging

### PE3-11 ~ PE3-20

- PE3-11** Effect of supervised home-based elastic-band resistance training on health-related quality of life in older adults with type 2 diabetes and sarcopenia: A randomized controlled trial  
Trung Hieu Do (Hanoi Medical University, National Geriatric Hospital, Vietnam)
- PE3-12** Combined leucine supplementation and exercise to counteract sarcopenia in patients with end stage kidney disease undergoing maintenance hemodialysis: A single-center randomized pilot study  
Jieun Lee (Chungnam National University, Korea)
- PE3-13** A simplified frailty screening tool for Thai community-dwelling older adults  
Busadee Pratumvinit (Mahidol University, Thailand)
- PE3-14** The association between age at first and last childbirth and osteoporosis among US women aged 50 years and older  
Ceria Ciptanurani (National Yang Ming Chiao Tung University, Indonesia)
- PE3-15** Comprehensive genetic diagnosis pipeline for parathyroid disorders: A clinical workflow for whole exome sequencing  
Minsoo Noh (Gachon University Gil Medical Center, Korea)
- PE3-16** Combined vitamin B9 and B12 supplementation reduces frailty and homocysteine while enhancing physical performance in older adults  
Tewin Tencomnao (Chulalongkorn University, Thailand)
- PE3-17** Nonlinear Mendelian randomization identifies a body mass index resilience window that minimizes fracture risk while preserving muscle strength in endocrine bone health  
Rifaldy Fajar (IMCDS-BioMed Research Foundation, Indonesia)
- PE3-18** Antipsychotic use and its association with bone mineral density and sex hormones in males with schizophrenia  
Ranjay Kumar Choudhary (A' Sharqiyah University, Oman)
- PE3-19** Association of bisphenol-a exposure with clinical bone parameters and gene expression profiles in osteoporotic women and age matched healthy controls  
Ali Hamza (King George's Medical University, India)
- PE3-20** Identifying the role of insulin receptors expressed by the cholinergic neurons  
Youngjun Kim (Korea Advanced Institute of Science and Technology, Korea)

### Bone/Muscle/Aging

### PE3-21 ~ PE3-30

- PE3-21** The impact of fecal microbiota transplantation on psoriatic arthritis: A systematic review  
Satria Akbar Putra Asmara (Universitas Islam Indonesia, Indonesia)
- PE3-22** Trend in incidence and mortality in parathyroid carcinoma and primary hyperparathyroidism: A nationwide cohort study  
Seungjin Baek (Yonsei University, Korea)
- PE3-23** Prevalence of sarcopenia and its association with serum neurotrophic biomarkers in Mongolian men  
Odgerel Chinbat (School of Biomedicine, Mongolian National University of Medical Sciences, Mongolia)
- PE3-24** The effect of vitamin D3 supplementation on physical performance in older adults  
Kanit Reesukumal (Mahidol University, Thailand)
- PE3-25** Cognitive frailty and associated factors in older adults with type 2 diabetes in rural Vietnam  
Ngan Duong Thi Kim (Phu Tho Provincial General Hospital, Hanoi Medical University, Vietnam)
- PE3-26** Development of a machine learning-based predictive model for osteoporosis risk assessment: Integrating lifestyle factors and clinical comorbidities  
Devi Yulia Rahmi (Universitas Andalas, Indonesia)
- PE3-27** Diagnostic accuracy of SARC-F questionnaire in screening for sarcopenia among adult Filipinos, a sarcophil retrospective study  
Jernell Robert Malixi (Cardinal Santos Medical Center, Philippines)
- PE3-28** Multiple fragility fractures in non-localizing primary hyperparathyroidism: A case report  
Floris Borilla (Makati Medical Center, Philippines)
- PE3-29** Persistence of musculoskeletal and neurocognitive symptoms after parathyroid adenoma removal in patients with primary hyperparathyroidism  
Aziza Abdieva (Tashkent State Medical University, Uzbekistan)
- PE3-30** Primary hyperparathyroidism due to synchronous superior and intrathyroidal parathyroid adenomas treated with transoral endoscopic vestibular approach  
Ranee Joy Jacobo (St. Luke's Medical Center - Global City, Philippines)

## Poster exhibition

### Bone/Muscle/Aging

### PE3-31 ~ PE3-40

- PE3-31** **Impact of sarcopenia and elevated inflammatory markers on all-cause and cardiovascular mortality**  
Min Jeong Park (Korea University Medical Center Guro Hospital, Korea)
- PE3-32** **Precision therapeutic targeting of bone remodeling in age-related osteoporosis: In silico design of siRNAs against RANKL, SOST, and CTSK**  
Rian Ka Praja (Universitas Palangka Raya, Indonesia)
- PE3-33** **Fahr's syndrome secondary to persistent hypoparathyroidism following thyroid lobectomy in a Filipino patient: A rare case report**  
Rikki Kent Ba-aco (Philippine General Hospital, Philippines)
- PE3-34** **Bilateral basal ganglia calcification: An endocrine diagnosis before Fahr disease**  
Miae Cho (Dongrae Bongseng Hospital, Korea)
- PE3-35** **Impact of chronic heavy metal exposure on bone mineral density: A cross-sectional study**  
Ankit Sriwastava (King George's Medical University, India)
- PE3-36** **Recurrent hyperparathyroidism due to malignant transformation of an atypical parathyroid adenoma**  
Edward Joshua Nuguid (The Medical City - Ortigas, Philippines)
- PE3-37** **Steps forward: Applying WHO ICOPE to restore daily function in older people with diabetes-related neuropathy in Malaysia**  
Tengku Mohd Asri Tengku Makhtar (Universiti Sains Malaysia, Public Health Program, Ministry of Health Malaysia, Malaysia)
- PE3-38** **AI-driven integrative transcriptomic modeling identifies shared molecular fragility states and disease-specific regulatory programs across rare pediatric bone disorders**  
Elfiany Syafruddin (Science, Society, Technology Commons, Indonesia)
- PE3-39** **Polypharmacy interaction burden and falls in elderly diabetics quantified using medication knowledge graphs integrating anticholinergic cognitive burden score, orthostatic blood pressure drop, eGFR, sulfonyleurea exposure, and emergency fall injury visits**  
Mirza Aulia Rahmawati (Indonesia Health Collaborative Center, Indonesia)
- PE3-40** **Trends in low calcium and low milk dietary exposure among adults ≥60 years across SDI levels (2019-2023): Implications for neoplasm burden**  
Oldheva Genisa Sabilau (State University of Malang, Indonesia)

### Bone/Muscle/Aging

### PE3-41 ~ PE3-48

- PE3-41** **Fahr's syndrome secondary to untreated post-thyroidectomy hypoparathyroidism: A case report**  
Donn Ronn Ely Pagador (De La Salle University Medical Center, Philippines)
- PE3-42** **Fuel price shock and dialysis nonattendance accelerating sarcopenia in older adults with diabetic kidney disease through interdialytic weight gain, serum albumin decline, and handgrip strength loss using USRDS, DOPPS, and EIA weekly gasoline prices**  
Farah Miftakul Ilfa (Pratama Clinic & Education Health Center, Indonesia)
- PE3-43** **Sarcopenia driven ICU escalation in frail diabetics during oxygen scarcity quantified by multi state models integrating ROX index trajectories, oxygen saturation time below 90 percent, and bedside handgrip strength in resource limited hospitals**  
Mariani Mariani (Hasanuddin University, Indonesia)
- PE3-44** **Vitamin D counterfeit risk mapping and hip fracture surges in rural elders estimated with interrupted time series and spatial scan statistics using FDA recall bulletins, CMS NADAC invoice-based prices, medicare 25 hydroxyvitamin D tests, and HCUP claims**  
Mariani Mariani (Hasanuddin University, Indonesia)
- PE3-45** **Beyond parallel aging: Mapping senescence-driven bone-muscle crosstalk in aging research — a bibliometric analysis**  
Laksmi Damayanti (Universitas Islam Indonesia, Indonesia)
- PE3-46** **From suppression to stimulation: Transitioning to romosuzumab in bisphosphonate-associated atypical femoral fracture**  
Kamille Airyel Enriquez (The Medical City, Philippines)
- PE3-47** **Transcriptomic profiling of osteoporotic mesenchymal stem cells reveals translational machinery collapse and cytoskeletal defects**  
Nadyatul Husna (Dr. Reksodiwiryo Military Hospital, Indonesia)
- PE3-48** **Transcriptomic profiling of human muscle aging identifies novel high-precision diagnostic biomarkers and targeted repurposing candidates**  
Nadyatul Husna (Dr. Reksodiwiryo Military Hospital, Indonesia)

## Poster exhibition

### Pituitary/Adrenal/Gonad

### PE4-1 ~ PE4-10

- PE4-1** **Validation of clinical prediction tools for unilateral primary aldosteronism in a Korean cohort**  
Sung Joon Cho (Yonsei University, Korea)
- PE4-2** **Oxytocin–enteric crosstalk: Regulation of peristalsis through neural and myogenic pathways**  
Mohammad Alqudah (Arabian Gulf University, Bahrain)
- PE4-3** **Salivary steroid profiling after rapid ACTH stimulation as a noninvasive tool for assessing adrenal insufficiency**  
Seung Shin Park (Seoul National University Hospital, Korea)
- PE4-4** **Primary aldosteronism in young adults: Malaysia's real-world cohort benchmarking ASEAN practice in the 2025 guideline era**  
Aina Mardiah Zulkifle (Hospital Putrajaya, Hospital Sultanah Nur Zahirah, Hospital Tuanku Ja'afar, Malaysia)
- PE4-5** **Sex-specific blood pressure responses to RAAS inhibitors versus non-RAAS antihypertensives: A systematic review and meta-analysis**  
Muhammad Farid Rakhman (Dr. H. Abdul Moeloek Hospital Bandar Lampung, Indonesia)
- PE4-6** **Early detection of cardiovascular complications in women with hypogonadotropic hypogonadism using myocardial perfusion SPECT with 99m Tc-Technetrite**  
Dilafruz Hamrayeva (Republican Specialized Scientific and Practical Medical Center of Endocrinology named after Ya. Kh. Turakulov, Uzbekistan)
- PE4-7** **Dual modulation of the MYC/BCL2 axis by xyloketal derivatives to preserve steroidogenic cell survival in adrenal cortical dysfunction**  
Rizki Rachmad Saputra (Universitas Palangka Raya, Indonesia)
- PE4-8** **Validation of the tagalog version of the modified polycystic ovary syndrome quality of life questionnaire among adult Filipino women**  
Ranillo Jr Gamutan (University of the Philippines - Philippine General Hospital, Philippines)
- PE4-9** **Machine learning–driven modeling reveals to mitigate disruption of fetal pituitary gonadotropin networks underlying adult sexual behavior deficits**  
Anindya Amanda Damayanti (Islam Indonesia University, Indonesia)
- PE4-10** **MC4R inhibits activity of lumbosacral parasympathetic preganglionic neurons**  
Jinyong Kim (Korea Advanced Institute of Science and Technology, Korea)

### Pituitary/Adrenal/Gonad

### PE4-11 ~ PE4-20

- PE4-11** **Explainable fuzzy neural network modeling for gonadal hormone driven breast cancer risk**  
Muhammad Nasir (Universiti Sultan Zainal Abidin, Besut Campus, Malaysia)
- PE4-12** **Reducing the need for adrenal vein sampling: Post-CCT aldosterone as a key predictor**  
Yong Joo Hong (Jeju National University Hospital, Korea)
- PE4-13** **Association between maternal exposure to endocrine-disrupting chemicals and hypertensive-disorder of pregnancy: A systematic review and meta-analysis**  
Bo Mi Seo (Hanyang University Medical Center, Korea)
- PE4-14** **Astaxanthin enhancing assisted reproductive technology outcomes in women with infertility: A meta-analysis of randomized trials**  
Ema Novalia Dewi Kurnia Sari (Sukowati Tangen Regional Hospital, Indonesia)
- PE4-15** **Pharmacoinformatics atlas mapping postoperative endocrine drug–nutrient interaction networks, serum vitamin D and selenium status, and polypharmacy burden in elderly women receiving adjuvant therapy for breast and thyroid cancer across real world multisite therapeutic pathways**  
Mirza Aulia Rahmawati (Indonesia Health Collaborative Center, Indonesia)
- PE4-16** **Informal skin-whitening steroid exposure index and morning cortisol suppression in young women using LC–MS/MS urinary cortisol metabolites, low-dose acth stimulation testing, and structured product ingredient audits**  
Ayuni Kemala Safira (Bandung Institute of Technology, Indonesia)
- PE4-17** **Procyanidin C1 modulates bisphenol-induced growth- and development-related gene dysregulation in zebrafish embryos**  
Razif Dasiman (Universiti Teknologi MARA, Malaysia)
- PE4-18** **Satellite-derived neighborhood greenness, geocoded deprivation, and traffic-related PM2.5 shape cortisol awakening dynamics, sleep midpoint instability, and insulin-resistance cardiometabolic clustering in adolescents with obesity across the US ABCD study and NHANES replication**  
Rosdiana Rosdiana (Indonesian Youth Health Movement, Indonesia)
- PE4-19** **Disability burden of PCOS-related infertility among women of reproductive age in Southeast Asia: A GBD 2023 analysis**  
Zavia Putri Salsabila (Islamic Indonesia University, Indonesia)
- PE4-20** **Pharmacological profile and clinical efficacy of oral paltusotine in acromegaly: A systematic review of phase 1, 2, and 3 trials**  
Omar Elkoumi (Suez University, Egypt)

## Poster exhibition

### Pituitary/Adrenal/Gonad

### PE4-21 ~ PE4-30

- PE4-21** Intergenerational endocrine disruption in informal plastic recycling communities linking maternal–adolescent urinary phthalate metabolites and BPA with menstrual irregularity, SHBG, AMH, HOMA-IR, and hypertriglyceridemia to define menstrual–metabolic risk profiles  
Novita Sari (Universitas Malikussaleh Aceh, Indonesia)
- PE4-22** Upstream aldosterone suppression for uncontrolled and resistant hypertension: A systematic review and meta-analysis  
M Farid Rakhman (Dr. H. Abdul Moeloek Hospital Bandar Lampung, Indonesia)
- PE4-23** Predictive value of preoperative tumour grading and re-grading for 12-month outcomes in pituitary adenomas: A single-centre cohort study  
Muhammad Irzaq (The Cendiva Institute, Indonesia)
- PE4-24** Efficacy and safety of crinercerfont in classic congenital adrenal hyperplasia: A systematic review of phase 2 and 3 clinical trials  
Omar Elkoumi (Suez University, Egypt)
- PE4-25** Association of MTHFR gene polymorphisms and folate levels in men with severe oligozoospermia and azoospermia  
Ariunzaya Altangerel (Mongolian National University of Medical Sciences, Mongolia)
- PE4-26** An ACTH-secreting pheochromocytoma masquerading as septic cardiogenic shock with diagnostic paradox and immune reconstitution  
Sang-Jun Bae (The Catholic University of Korea Seoul St. Mary's Hospital, Korea)
- PE4-27** When IPSS misleads: A case of variable hypercortisolism with competing pituitary and adrenal findings  
Joel Stephen Auguis (Cardinal Santos Medical Center, Philippines)
- PE4-28** Earlier menopause after childhood growth faltering and cumulative heat exposure estimated with joint models using longitudinal FSH estradiol and cycle regularity in SWAN and InterLACE cohorts linked to ERA5 land heat index  
Farah Miftakul Ilfa (Pratama Clinic & Education Health Center, Indonesia)
- PE4-29** Traffic noise burden driving cortisol dysregulation and central obesity in school-age youth through sleep fragmentation and late-evening intake quantified by cross-cohort causal mediation using HELIX, Generation R, and INMA data  
Anekawati Anekawati (Sidorejo Kidul Health Public Center, Indonesia)
- PE4-30** Acromegaly without an initial pituitary or ectopic source: A diagnostic challenge  
Model Grace Montes-Buna (Philippine General Hospital, Philippines)

### Pituitary/Adrenal/Gonad

### PE4-31 ~ PE4-40

- PE4-31** Hormonal and genetic evaluation of severe hypospadias: Case series  
Jirawan Pongrujijorn (Vachira Phuket Hospital, Chulalongkorn University, Thailand)
- PE4-32** Macroprolactinoma in a patient with osteogenesis imperfecta: First case report  
Luciana Martel-Duguech (Ottawa Hospital, Canada)
- PE4-33** Complete androgen insensitivity syndrome in an adolescent: A case report  
Dea Dalupang (St. Luke's Medical Center - Global City, Philippines)
- PE4-34** Association between MTRR gene 66A>G polymorphism and folate level in men with severe oligozoospermia and non-obstructive azoospermia  
Ariunzaya Altangerel (Mongolian National University of Medical Sciences, Mongolia)
- PE4-35** Metastatic pheochromocytoma with multiline treatment resistance in a young female: A case report  
Juaymah Leynes (Philippine General Hospital, Philippines)
- PE4-36** Familial nonfunctioning pituitary macroadenomas in a father–son pair: A case series  
Merry Day Adap (Cardinal Santos Medical Center, Philippines)
- PE4-37** Three's a crowd: Coexisting myasthenia gravis and Hashimoto's thyroiditis in a patient with possible autoimmune isolated ACTH deficiency  
Lois Faith Lapitan (Makati Medical Center, Philippines)
- PE4-38** Steroid cell tumor of the ovary presenting with progressive virilization and metabolic comorbidities: An endocrine diagnostic dilemma  
Almina Denise Castaneda (East Avenue Medical Center, Philippines)
- PE4-39** Klinefelter syndrome diagnosed in a Filipino adult presenting as recurrent hypospadias  
Kyle Patrick Eugenio (Philippine General Hospital, Philippines)
- PE4-40** Ovarian GIST with pheochromocytoma, a case report  
Harshita Dubey (All India Institute of Medical Sciences, India)

## Poster exhibition

### Pituitary/Adrenal/Gonad

### PE4-41 ~ PE4-50

- PE4-41** **A decade of survival in recurrent non-functioning oncocytic adrenocortical carcinoma in a young Filipino**  
Patrick Wilson Lim (St. Luke's Medical Center - Global City, Philippines)
- PE4-42** **Pheochromocytoma with dynamic lvot obstruction and catecholamine-induced myocardial injury mimicking acute coronary syndrome: A case report**  
Alyssa Bautista (De Los Santos Medical Center, Philippines)
- PE4-43** **Autoimmune hypothalamitis as a cause of neuroendocrine dysfunction in a Filipino patient: A case report**  
Nick Louise Cajano (Makati Medical Center, Philippines)
- PE4-44** **Almost missed: Aneurysmal subarachnoid hemorrhage reveals an undiagnosed pituitary macroadenoma with apoplexy**  
Joshua Servande (Philippine General Hospital, Philippines)
- PE4-45** **Geller syndrome: A rare differential for hypokalemic hypertension in pregnancy - a case report**  
Goldelyn Jativa (Asian Hospital and Medical Center, Philippines)
- PE4-46** **Late diagnosis of 48,XXXY syndrome in adulthood: Expanding the clinical spectrum of Klinefelter variants**  
Pimlada Vijitanaga (Phra Nakhon Si Ayutthaya Hospital, Thailand)
- PE4-47** **Non-suppressed renin in primary aldosteronism: Diabetic kidney disease as a key diagnostic pitfall**  
Lois Faith Lapitan (Makati Medical Center, Philippines)
- PE4-48** **Assessing hormonal imbalances in female fertility: The role of estradiol, AMH, and prolactin in pregnancy outcomes**  
Purushottam Subedi (Paschimanchal Diagnostic and Research Centre, Nepal)
- PE4-49** **Familial pheochromocytoma with multihormonal secretion in a young adult: A case report**  
Frances Ann Yap (University of Santo Tomas Hospital, Philippines)
- PE4-50** **Micro- and nano- plastics as endocrine-disrupting chemicals and their association with maternal and fetal outcomes: A systematic review**  
Seohyun Byeon (Hanyang University, Korea)

### Pituitary/Adrenal/Gonad

### PE4-51 ~ PE4-59

- PE4-51** **A posterior twist to cushing disease: Neurohypophyseal pituitary adenoma as a rare source of ACTH excess**  
Ma. Stella Maris Famorcan (University of Santo Tomas Hospital, Philippines)
- PE4-52** **Bilateral ovotestis in swyer syndrome presenting as primary amenorrhea: A rare diagnostic challenge in disorders of sex development**  
Puspita sari (Gadjah Mada University, Indonesia)
- PE4-53** **Diagnosis of adrenal insufficiency in Mongolian patients with septic shock**  
Altaisaikhan Khasag (MDA Diabetes Center, Mongolia)
- PE4-54** **Persistent hyperprolactinemia after complete resection of a prolactinoma: A diagnostic dilemma in a resource-limited setting**  
Jo Rocel Lacson (University of Santo Tomas Hospital, Philippines)
- PE4-55** **An adrenal cortical adenoma masquerading as pheochromocytoma**  
Quennie Fae de Leon-Clutario (St. Luke's Medical Center - Global City, Philippines)
- PE4-56** **A new hope: Chemotherapy as a therapeutic option for unresectable malignant retroperitoneal paraganglioma: A case report**  
Jerome Montalbo (Philippine General Hospital, Philippines)
- PE4-57** **Amenorrhea in a 37 year old female: A delayed diagnosis of Sheehan's syndrome**  
Tristan Colasito (University of the Philippines - Philippine General Hospital, Philippines)
- PE4-58** **Incidental finding of renal cell carcinoma in patients with primary hyperaldosteronism: A case series**  
Ira Laurentika (Abdul Moeloek, General Hospital, Indonesia)
- PE4-59** **Characterization of adrenal steroid profiles in liver cirrhosis using LC-MS/MS**  
Min Jeong Park (Korea University, Korea)

## Poster exhibition

### Diabetes/Obesity/Lipid (basic)

### PE5-1 ~ PE5-11

- PE5-1** High glucose sensitizes pancreatic cancer cells to DPP-4 inhibition via Hippo-YAP/TAZ-dependent apoptosis  
Oak-Kee Hong (The Catholic University of Korea, Korea)
- PE5-2** A nuclear ERK to ATF5 axis coordinates mitochondrial metabolism and thermogenic gene expression in brown adipocytes  
Hyo Ju Jang (Chungnam National University, Korea)
- PE5-3** Development and evaluation of fish-derived decellularized extracellular matrix based three-dimensional bio-printed patches for diabetic wound healing  
Ji Sun Moon (Chungnam National University, Korea)
- PE5-4** Polyphenol-rich dark chocolate and metabolic profile modulation in obese adults: A randomized controlled trial study  
Hasmiza Halib (Universiti Sultan Zainal Abidin, Universiti Putra Malaysia, Malaysia)
- PE5-5** Clinical characteristics and glycemic profile associations in adults with diabetes attending a tertiary endocrinology clinic  
Suvdaa Artssod (Endocrinology, Mongolia)
- PE5-6** Clinical characteristics and obesity perceptions among obese patients at the outpatient clinic of University Medical Center Ho Chi Minh City  
Giang Do Thi Huong (University Medical Center Ho Chi Minh City, Vietnam)
- PE5-7** Fasting and post-prandial state glucagon like peptide-1 secretion and insulin levels in women with polycystic ovary syndrome  
Enkhchimeg Tserendorj (Darkhan General Hospital, Mongolia)
- PE5-8** The pressure chronicles: Blood pressure control in a dual-hit hypertensive-diabetic rat model  
Reza Wahyuningsih (Islamic University of Indonesia, Indonesia)
- PE5-9** Anti-inflammatory effects of zerumbone via modulation of proinflammatory mediators in high-cholesterol-fed rabbits  
Bee Ling Tan (Management and Science University, Malaysia)
- PE5-10** Knowledge of gestational diabetes mellitus among pregnant women in a tertiary hospital in Marawi City Lanao Del Sur  
Al-jazarie Masacal (AmaiPakpak Medical Center, Philippines)
- PE5-11** Distinct and shared metabolic and adipokine predictors of enlarged subcutaneous versus visceral adipocyte areas associated with central obesity in Thai females  
Issarawan Keadkraichaiwat (Mahidol University, Thailand)

### Diabetes/Obesity/Lipid (basic)

### PE5-12 ~ PE5-21

- PE5-12** Utilization of food delivery applications and its relationship with diet quality and nutritional status among selected young adult (19-24) dormers  
Dorothy Roxas (University of the Philippines Los Banos, Philippines)
- PE5-13** A decade of evidence (2013-2023): Temporal trends and key predictors of overweight and obesity among school-aged children in the Philippines  
Kim Irvin Protacio (Okayama University, Japan)
- PE5-14** Dietary brewers' rice attenuates hyperglycemia in streptozotocin-induced diabetic rats  
Bee Ling Tan (Management and Science University, Malaysia)
- PE5-15** Relationship of nutritional status and dietary intake of children in lower primary education (6-9 years old) with food neophobia from real elementary school, Calamba City, Laguna  
Matrice Dela Cueva (University of the Philippines Los Banos, Philippines)
- PE5-16** Corni fructus extract ameliorates high-fat diet-induced obesity in mice by restoring peripheral circadian clock gene rhythmicity  
Fahad Hussain (Noakhali Science and Technology University, Bangladesh)
- PE5-17** Protective effects of zerumbone on atherosclerosis in high-cholesterol-fed rabbits  
Bee Ling Tan (Management and Science University, Malaysia)
- PE5-18** Prevalence of depression and related factors in obese patients at the outpatient clinic of university medical center of Ho Chi Minh City, Vietnam  
Giang Do Thi Huong (University Medical Center Ho Chi Minh City, Vietnam)
- PE5-19** Dietary shift from animal-based to plant-based meat alternatives: Implications on micronutrients relevant to glucose and lipid metabolism  
Gerieka Anapi (University of the Philippines Diliman, Philippines)
- PE5-20** Body composition patterns by glycemic status in Mongolian adults: A retrospective analysis  
Nomin-Erdene Minjuurdorj (Mongolian National University of Medical Sciences, Nura Screening Center, Mongolia)
- PE5-21** Obesity risk of undergraduate students: Association of food consumer behaviors and diet quality  
Dane John Adrian Pastrana (University of the Philippines Diliman, Philippines)

## Poster exhibition

### Diabetes/Obesity/Lipid (basic)

### PE5-22 ~ PE5-32

- PE5-22** Phenolic and anthocyanin contents of indigenous Philippine purple yam (*Dioscorea alata*) and functional food potential  
Arisse Rae Basinang (University of the Philippines Diliman, Philippines)
- PE5-23** Exploring wisdom of the crowd phenomenon to address obesity among female adults in Barangay Talon Dos, Las Piñas City, Philippines  
Mary Arna Valdemoro (University of the Philippines Los Banos, Philippines)
- PE5-24** Evaluating the impact of clitoria ternatea yogurt drink on obesity-associated cognitive impairment in sprague-dawley rats  
Santhra Segaran Balan (Management and Science University, Malaysia)
- PE5-25** Distinct and shared diagnostic cut-off values of metabolic and adipokine biomarkers for systolic versus diastolic hypertension in Thai females  
Inpreeya Inpaen (Mahidol University, Thailand)
- PE5-26** Evaluating the health potential of dried bignay [*Antidesma bunius* (L.) Spreng. cv. 'common'] fruit pulp: Bioactive properties, cytotoxicity, and antidiabetic activity  
Ara Fatima Carbonera (University of the Philippines Los Banos, Philippines)
- PE5-27** Integrated transcriptomic profiling and drug repurposing strategies for glomerular injury in diabetic kidney disease  
Nadyatul Husna (Dr. Reksodiwiry Military Hospital, Indonesia)
- PE5-28** Integrative single-cell and bulk transcriptomics unveils a viral-driven pathogenic Th17 signature in type 1 diabetes  
Nadyatul Husna (Dr. Reksodiwiry Military Hospital, Indonesia)
- PE5-29** Single-cell transcriptomic profiling identifies pathogenic immune states of antigen-reactive CD4<sup>+</sup> T cells in type 1 diabetes  
Nadyatul Husna (Dr. Reksodiwiry Military Hospital, Indonesia)
- PE5-30** Integrated genomic and immune profiling in cardiometabolic syndromes: Identifying novel therapeutic targets across age groups  
Helen Juniasti (Cendrawasih University, The Pranala Institute, Indonesia)
- PE5-31** Diabetes gene mutation and complication: Predicting analysis using Phyton libraries  
Helen Juniasti (Cendrawasih University, The Pranala Institute, Indonesia)
- PE5-32** Modulation of metabolic and inflammatory pathways by bouea macrophylla yoghurt in high-fat diet-induced colorectal cancer  
Rusydatul Nabila Mahmad Rusli (Management and Science University, Malaysia)

### Diabetes/Obesity/Lipid (basic)

### PE5-33 ~ PE5-42

- PE5-33** Lipid oxidation and physicochemical alterations in commercial palm oils subjected to repetitive frying  
Nurhafizah Ibrahim (Universiti Selangor, Malaysia)
- PE5-34** Network-guided discovery of Indonesian phytochemicals targeting type 2 diabetes mellitus: an integrative in silico study  
Mahfudz Shidiq (Republic of Indonesia Defense University, Indonesia)
- PE5-35** Selenium tetrachloride nanoparticles attenuate metabolic dysregulation and renal injury in experimental diabetes through redox and signaling modulation  
Ajay Khajuria (Nehru Gram Bharati University, India)
- PE5-36** Neuroprotective effects of hesperetin-loaded solid lipid nanoparticles on neurological deficits induced by transient global cerebral ischemia and reperfusion in streptozotocin-induced diabetic mice  
Ajay Khajuria (Nehru Gram Bharati University, India)
- PE5-37** Diabetes-induced disruption of cutaneous membrane redox signaling and nitric oxide pathways: Implications for microvascular dysfunction and wound healing  
Rahul Kumar (J. K. College, India)
- PE5-38** Therapeutic efficacy of zoutina prestige early harvest extra virgin olive oil in modulating metabolic and oxidative stress biomarkers in a high-fat diet rat model  
Suhana Samat (Olive Jardin SDN. BHD, Malaysia)
- PE5-39** Comparative metabolic efficacy of monofloral honeys versus adulterated honey in mitigating adipocytokine dysregulation and systemic inflammation in in vitro and in vivo obese models  
Mohd Normi Sedek (Public Work Department, Malaysia)
- PE5-40** Modulating FoxO1 using Indonesian natural compounds: A new frontier in diabetes therapy  
Amelia Gita Amanda (Sunan Kalijaga State Islamic University Yogyakarta, Indonesia)
- PE5-41** Investigation into the nephroprotective effects of SGLT2 inhibitor empagliflozin in chronic kidney disease using a network pharmacology approach  
Rodolfo Jr. Sumayao (De La Salle University, Philippines)
- PE5-42** Development and optimization of umbelliferone loaded chitosan lipid nanoparticles ameliorate streptozotocin induced myocardial infarction via alteration of Keap1/Nrf2/HO 1 and SIRT1/Notch1 signaling pathway  
P Bhatt (Fermentis Life Sciences, India)

## Poster exhibition

### Diabetes/Obesity/Lipid (basic)

PE5-43 ~ PE5-52

- PE5-43** Circadian rhythm gene alters the modern lifestyle in obesity, explored through integrative pathway and protein interaction analysis  
Wara Fatima (Shia PG College, University of Lucknow, India)
- PE5-44** Eating with the clock: Behavioural modifications in modern lifestyle effects the protection against obesity and cardiometabolic dysfunction  
Nazmin Fatima (King George's Medical University, India)
- PE5-45** The effect of local apple extract (*Malus sylvestris* Mill) on pancreas histopathology of type 2 DM model rats  
Grace Calvinia (Sebelas Maret University, Indonesia)
- PE5-46** Mito-nuclear mismatch associated with endocrine gene expression in the human pancreas  
Santosh Khanal (Kathmandu Center for Genomics and Research Laboratory, Nepal)
- PE5-47** Identification of phospholipid metabolites derived from de-novo lipogenesis in skeletal muscle: Lipidomic analyses  
So Young Bu (Daegu University, Korea)
- PE5-49** Activation of HGF/c-Met signaling in adipose tissue and pancreatic islets in an obese pregnant mouse model  
Hyun Jin Kim (Chungnam National University, Korea)
- PE5-50** Polyphenol-rich *Gynura procumbens* extract attenuates metabolic inflammation by directly suppressing macrophage TNF- $\alpha$  production  
Wan Shahrman Yushdie Wan Yusoff (Universiti Teknologi MARA, Malaysia)
- PE5-51** Study on the mechanism of hirudin in ameliorating diabetic nephropathy fibrosis by regulating the PAR1/WNT/SOX4 axis  
Zhanglong Wang (Tianjin University of Science and Technology, China)
- PE5-52** Tocotrienol-rich fraction and vitamin C supplementation modulates hsa-miR-802 expression in down syndrome: Exploring a possible role in glucose metabolic regulation  
Maziana Mahamood (Universiti Teknologi MARA, Malaysia)

### Diabetes/Obesity/Lipid (basic)

PE5-53 ~ PE5-62

- PE5-53** Investigating the effects of time-restricted feeding (TRF) on adipose tissue morphology in obesity-induced diabetic mice  
Joyce Argastieng (Universiti Putra Malaysia, Malaysia)
- PE5-54** Liguiritigenin ameliorates metabolic dysfunction-associated steatotic liver disease by enhancing hepatic fatty acid oxidation via the AMPK signaling pathway  
Yu Jung Heo (Ajou University, Korea)
- PE5-55** Obesity-associated cognitive and behavioral decline: Effects of *Acaudina molpadioides* supplementation in a murine model  
Noor Azimah Ahmad (Management and Science University, Malaysia)
- PE5-56** Time-restricted feeding ameliorates metabolic dysfunction and tissue lesions in obesity-induced type 2 diabetes in C57BL/6 mice  
Bavani Doraisamy (Universiti Putra Malaysia, Malaysia)
- PE5-57** Inhibition of fatty acid uptake reprogram lipid metabolism and promotes hepatocellular carcinoma progression  
Chen Shen (Jeonbuk National University Medical School, Korea)
- PE5-58** High-fat diet increases vimentin expression and is associated with poor outcomes in triple-negative breast cancer  
Ha Ram Oh (Jeonbuk National University, Korea)
- PE5-59** AI-enabled in silico electrophysiology reveals CACNA1C dysfunction in type 2 diabetes and its implications for drug innovation  
Chitaranjan Mahapatra (Indian Institute of Technology Bombay, India)
- PE5-60** Crosstalk between dopamine D2 receptor and insulin receptor in the central amygdala regulates compulsive eating  
Bokyeong Kim (Korea University, Korea)
- PE5-61** Metabolic effects of a GLP-1/PrRP dual agonist in diet-induced obese mice  
Sang-Hyeon Ju (Korea Advanced Institute of Science and Technology, Korea)
- PE5-62** Rapid recovery of low glycaemic xylose from curry leaves via microwave assisted extraction: Toward diabetic friendly sweetener inputs  
Norazlina Idris (Universiti Selangor, Malaysia)

# SICEM2026

The 14<sup>th</sup> Seoul International Congress of Endocrinology and Metabolism  
in conjunction with the 45<sup>th</sup> Annual Scientific Meeting of the Korean Endocrine Society

## Useful information

Exhibitions **96**

Events **99**

- Poster tour event
- Booth tour event
- Lucky draw event

SICEM 2026 Mobile application **101**

Information for on-site attendees **102**

Information about Korea **105**

Information on shuttle bus **107**

평점안내 (Korean only) **109**

SICEM 2026 Endocrine quiz **111**

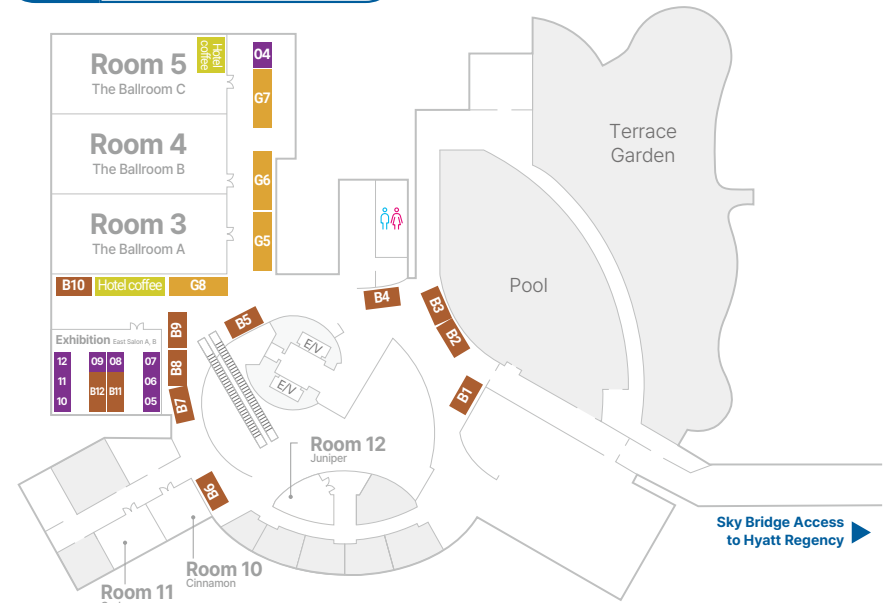
# Exhibitions

## B1 Hyatt Regency



- Diamond**
  - Novo Nordisk, Lilly
- Platinum**
  - P1 Dong-A ST
  - P2 Daewoong Pharm
  - P3 Chong Kun Dang
  - P4 LG Chem
- Gold**
  - G1 Handok
  - G2 Bayer Korea
  - G3 Yuhan
  - G4 Celltrion
- Silver**
  - S1 Amgen×Chong Kun Dang
  - S2 Hyundai Pharm
  - S3 Boryung
  - S4 Bukwang Pharm
  - S5 HK inno.N
- Standard**
  - 01 Korea United Pharm
  - 02 Viatrix
  - 03 Jeil Pharm

## 2F Grand Hyatt



- Gold**
    - G5 Hanmi Pharm
    - G6 Sanofi Korea
    - G7 JW Pharm
    - G8 Boehringer Ingelheim
  - Bronze**
    - B1 AstraZeneca
    - B2 Organon Korea
    - B3 Aju Pharm
    - B4 Dalim Biotech
    - B5 Daewon Pharm
    - B6 Daewoong Bio
    - B7 Dongkook Pharm
    - B8 Hanlim Pharm
    - B9 Dongwha Pharm
    - B10 Yooyoung Pharm
    - B11 Servier Korea
    - B12 GC Biopharma
  - Standard**
    - 04 Kolon Pharm
    - 05 HASPI
    - 06 Ipsen Korea
    - 07 Korea Otsuka Pharm
    - 08 Kakao Healthcare
    - 09 Tyroscope
    - 10 DKSH Korea
    - 11 Nexpharm Korea
    - 12 Kyowa Kirin Korea
- Others** Coffee

## Exhibitions

### Sponsors

#### Diamond



#### Platinum



#### Gold



#### Silver



#### Bronze



## Events

### Poster tour event

Collect stamps at **1 Oral session** and **1 Poster oral session!**



Please scan the QR code available at the presentation hall after the poster oral session.

After collecting all the stamps, receive your gift by visiting the **Souvenir room, Grand Hyatt (2F)**.

\* Souvenirs will be distributed on a first-come, first-served basis. The poster tour event will end if the stock runs out.

### To participate in the poster tour event

**1** Participation in 1 oral session and 1 poster oral session is mandatory.

**Oral session 1-5** Friday, April 10, 10:10-11:00

**Poster oral session 1** Friday, April 10, 12:50-13:40

**Poster oral session 2** Saturday, April 11, 12:50-13:40

**2** Receive stamps after each session

**Oral session** At the respective session entrances after each session.

**Poster oral session 1 and 2** At the respective session entrances after each session

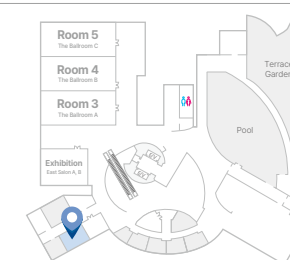
### Souvenir exchange booth

Location | **Grand Hyatt (2F)**

#### Operating hours

Day 2 Friday, April 10 **14:00-18:00**

Day 3 Saturday, April 11 **10:00-16:00**



## Events

### Booth tour event

#### How to participate in the booth tour event

You can participate in the booth tour event using the barcode in the SICEM 2026 app.

### Booth tour gift



Please scan the QR code at the Sponsor booth.

The gift will be given to those who visited all booths as specified below.



### Lucky draw event

#### How to participate in the lucky draw event

After completing the booth tour and poster presentation attendance events, insert the entry ticket on your name badge into the lucky draw box at the souvenir desk.

#### Lucky draw entry

**Date & Time** Day 3, April 11<sup>Sat</sup>, 13:00-16:00

**Location** Souvenir exchange, Grand Hyatt (2F)

\* Please put your tickets in the raffle ticket box.

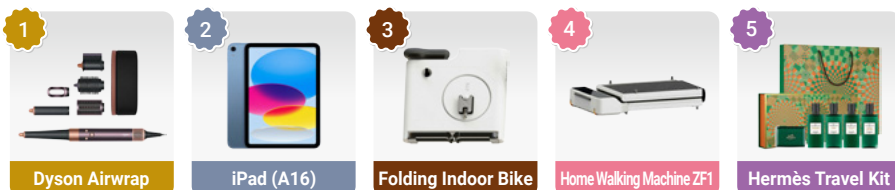
#### Lucky draw event

**Date & Time** Day 3, April 11<sup>Sat</sup>, 16:20-17:00

**Location** Room 1 (Hyatt Regency, B1)

Please join us at the **Closing ceremony**  
for an opportunity to win prizes in the lucky draw!

#### Exclusive prizes for the lucky draw event



## SICEM 2026 Mobile application

With the SICEM 2026 application, you'll have all the information you need. Browse the program and session abstracts, check the speaker list, and attend your preferred sessions by reviewing the speaker's details. Additionally, access the endocrine quiz through the application. You can also participate in the booth and poster tour stamp events using the app. Make sure to download the application and join us!

### With the SICEM 2026 Mobile application

- Access the program and explore session abstracts.
- View detailed information about invited speakers.
- Access the endocrine quiz.
- Take part in surveys.
- Participate in the booth and poster tour stamp events using the app.

### SICEM 2026 Mobile application download



Scan to download

Search in Markets **SICEM 2026**

# Information for on-site attendees

## Registration / Secretariat

Location | Hyatt Regency (B1)

### Registration

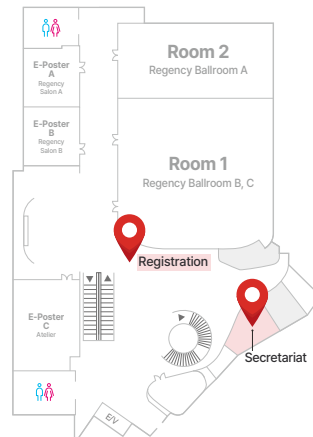
#### Operating hours

Day 1	Thursday, April 9	13:30-18:00
Day 2	Friday, April 10	07:00-18:00
Day 3	Saturday, April 11	07:00-16:30

### Secretariat

#### Operating hours

Day 1	Thursday, April 9	13:30-18:00
Day 2	Friday, April 10	07:00-18:00
Day 3	Saturday, April 11	07:00-16:30



## Congress kit

All attendees can enjoy the benefit of receiving a program book as a present as well as our specially designed SICEM SICEM 2026 eco-bag.

An abstract book is prepared at 'SICEM 2026 Mobile application.'

## Name tag

For security purposes, please always wear your name tag at the congress venues to access session rooms.

## Coffee break

Refreshments will be available at the break lounge (B1).

## Certificate of attendance

Participants can download and print their certificate of attendance on the SICEM 2026 official website through 'My page' section after the conference.

\* SICEM 2026 official website: <https://www.sicem.kr/>

## Cloakroom

Participants can store their luggage in the cloakroom (B1).

## Breakfast and Luncheon symposiums

Meals will be served during Breakfast and Luncheon symposiums.

## Special meal preferences

We offer special meals for vegetarian and Halal dietary preferences. Please place your dietary coupon, obtained during registration, on the table.

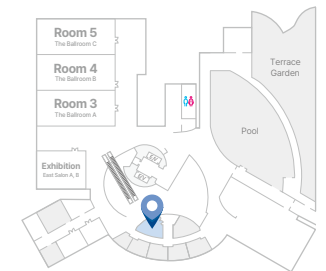
## Prayer room

We respect religious diversity and provide a prayer room located 2F, for attendees to use for prayer or religious ceremonies.

### Operating hours

Day 1	Thursday, April 9	13:30-18:00
Day 2	Friday, April 10	07:00-18:00
Day 3	Saturday, April 11	07:00-16:00

Location | Grand Hyatt (2F)



## Preview room

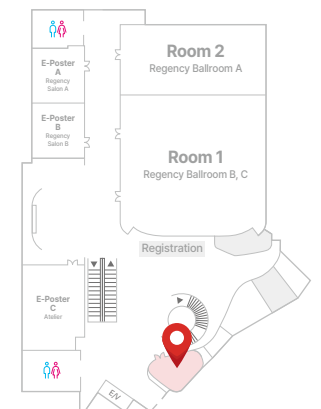
Location | Hyatt Regency (B1)

The preview room is equipped with PCs that have identical configurations to the ones in the session rooms, enabling the presenting authors to upload and review their presentation files beforehand.

All presenters must visit the preview room to check and upload their presentation files either the day before their presentation or at least **2 hours** before the session begins.

### Operating hours

Day 1	Thursday, April 9	13:30-18:00
Day 2	Friday, April 10	07:00-18:00
Day 3	Saturday, April 11	07:00-16:30



## Information for on-site attendees

### Travel grant

Location | Grand Hyatt (2F)

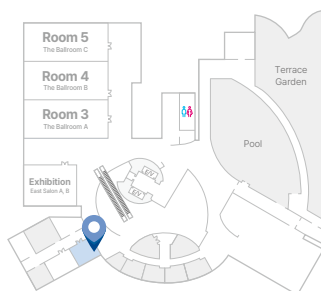
#### Information for Travel Grant Payment

- \* **Amount** : USD 600
- \* **Payment Place** : Travel grant recipients Room 11 (Cinnamon room, Grand Hyatt (2F))
- \* **Necessary Documents**
  - Passport
  - Round-trip flight ticket
  - Certificate of Residence (issued in 2026)
  - Application for Tax Exemption (Form No. 29-2)
  - Signed Consent Form
  - Bank Information
- \* **Remark**
  - Payment for the travel grant will be processed via bank transfer.
  - Necessary documents submitted by attendees will be copied on-site.
  - All recipients must sign a receipt provided on-site.
  - For presenters participating in "Oral presentation" or "Poster oral presentation," the travel grant will be processed after the successful completion of the presentation.
  - Proxy or duplicate receipts are not permitted.
  - In accordance with tax regulations, if all required documents are not submitted, the grant will be remitted after deducting 22% tax.
  - If all required documents are properly prepared and submitted, the grant will be remitted via bank transfer without tax withholding.

#### Operating hours

Day 2 Friday, April 10	08:00-18:00
Day 3 Saturday, April 11	08:00-16:00

\* From 12:00 to 15:00, we do not offer the travel grant.



## Information about Korea

### Time difference / Business hours

Time Difference / Business Hours Korean time is 9 hours ahead of Greenwich Mean Time (GMT+9). / No daylight savings time.

Business hours for banks are generally from 09:30 to 16:30 on weekdays only. Banks are closed on Saturdays, Sundays, and public holidays. ATMs are widely available. Major department stores are open from 10:30 to 19:30, including Sundays, but smaller shops tend to open earlier and close later every day.

### International call

International dialing code in Korea is +82. Please omit (0) when dialing from overseas.

### Currency and bank

**Currency** Major foreign currencies can be exchanged at banks, hotels, and airports. Most hotels, restaurants, and shops accept major international credit cards including Visa, American Express, Diners Club, Master Card, and JCB. Foreign-issued ATM cards may have limited use.

\* **About Won (KRW)**: Korea's currency is the won. There are 1,000, 5,000, 10,000, and 50,000 won bills. Coins come in 10, 50, 100, and 500 won.

### Bank

Banks can offer some of the best exchange rates to travelers. Banking hours can vary, but most business hours are from 09:00 to 16:00. ATMs typically operate until 23:00, but many are open 24 hours. ATMs can also be found at convenient stores, but generally charge a higher transaction fee. ATMs that accept international cards are common, especially in areas frequented by foreigners; look for ATMs with a "Global" sign or the logo of your bank. Global ATMs offer multi-languages.

### Card

Diners Club, Visa, American Express, and MasterCard are widely accepted at major hotels, shops, and restaurants in the larger cities. Check with your credit card company for details of merchant acceptability and other services which may be available.

### Traveler's Check

Accepted, but may be difficult to change in smaller towns. To avoid additional exchange rate charges, travelers are advised to take traveler's checks in US dollars. The exchange of foreign currencies may be made at Incheon International Airport.

## Information about Korea

### Tax

Value-added tax (VAT) is levied on most goods and services at a standard rate of 10% and is included in the retail price. In tourist hotels, this 10% tax applies to meals and other services and is added into the bill.

### Gratuities (Tipping)

Tipping is not a traditional custom in Korea. A 10% service charge will be added to your bill at all tourist restaurants and hotels. It is also not necessary to tip a taxi driver unless he assists you with luggage or provides an extra service.

### Electricity

In Korea, electrical outlets are operated at 220 volt only. Overseas delegates bringing laptop computers and other electrical appliances are advised to check whether a transformer is required.

### Language

Hangeul (한글), Korea's official alphabet, was first invented by King Sejong during the Joseon Dynasty. Originally called Hunminjeongeum (훈민정음), the language was conceived in 1443, and further promulgated by the King in 1446. At the time of its inception, the language consisted of 17 consonants and 11 vowels however, since then, 3 of the originally established consonants and 1 vowel have fallen into disuse bringing the total number of characters to 24. Syllables are formed by the selective combination of vowels and consonants to create words.

### Currency and bank

**Emergency calls (24 hours)**

- Police: 112
- Fire & Ambulance: 119
- Emergency Medical Information Center: 1339
- Local Telephone Number Guide: 114

**For visitors from overseas**

- Seoul's Dasan 120 Call Center: 120 (for foreign language: 09:00–19:00)
- Seoul Global Center: 1688-0120 (09:00–18:00, weekdays only)
- Korean Tourism Organization Information: 1330 (24 hours)
- Incheon Global Center: 032-120 (09:00–18:00, weekdays only)

## Information on shuttle bus

### Grand Hyatt Incheon shuttle bus

**Operation hours 5:30 AM - 10:40 PM**

Airport	Hotel Depart	Airport Depart
Terminal 1	Hotel 5:30 AM - 10:00 PM	1F Gate 3C 5:35 AM - 10:05 PM
	Every hour at 00 minutes and 30 minutes	Every hour at 05 minutes and 35 minutes
Terminal 2	Hotel 5:40 AM - 10:10 PM	1F Gate 4A 6:10 AM - 10:40 PM
	Every hour at 10 minutes and 40 minutes	Every hour at 10 minutes and 40 minutes

\* Every 30 min.

• For Hotel shuttle Bus inquiries, please contact Guest Service Center at +82-32-745-1234

### Hyatt Regency Incheon Paradise City shuttle bus

#### Airport Shuttle

The shuttle currently operated by Paradise City will stop by Hyatt Regency.

**Route: Paradise City → HRI → Airport → HRI → Paradise City**

P-City → HRI → Incheon Airport T1 (Stop 3C) / 55 trips per day			
Boarding Location	First Bus	Last Bus	Notes
Hyatt Regency Incheon Paradise City (Platform 1)	05:05	23:05	Every hour at :05 / :25 / :45
Incheon Airport T1, 1F Stop 3C	05:10	23:10	Every hour at :10 / :30 / :50
P-City → HRI → Incheon Airport T2 (Stop 4A) / 10 trips per day			
Boarding Location	First Bus	Last Bus	Notes
Hyatt Regency Incheon Paradise City (Platform 2)	10:40	19:40	Every hour at: 40
Incheon Airport T2, 1F Stop 4A	11:00	20:00	Every hour at: 00

## Information on shuttle bus

### Gwangmyeong Station shuttle bus

For the convenience of SICEM 2026 attendees, shuttle buses operate between KTX Gwangmyeong Station and the event hotel.

**Shuttle buses depart from Exit 3 of KTX Gwangmyeong Station.**

#### Boarding location

KTX Gwangmyeong Station Exit 3

#### Shuttle

Thursday, April 9			
12:00 - 13:00	Gwangmyeong Station	→	Hotel
15:00 - 16:00	Gwangmyeong Station	→	Hotel
18:30 - 19:30	Hotel	→	Gwangmyeong Station
Friday, April 10			
07:00 - 08:00	Gwangmyeong Station	→	Hotel
10:00 - 11:00	Gwangmyeong Station	→	Hotel
18:30 - 19:30	Hotel	→	Gwangmyeong Station
Saturday, April 11			
07:00 - 08:00	Gwangmyeong Station	→	Hotel
10:00 - 11:00	Gwangmyeong Station	→	Hotel
17:30 - 18:30	Hotel	→	Gwangmyeong Station

## 평점안내 (Korean only)

### 연수평점안내

구분	4/9(목)	4/10(금)	4/11(토)
대한의사협회 연수교육 평점	최대 3평점	최대 6평점	최대 6평점
대한내과학회 내과전문의 평생교육 평점	최대 1평점	최대 1평점	최대 1평점
대한내과학회 분과전문의 연수교육 평점	최대 2평점	최대 2평점	최대 2평점
내과분과전문의 자격인정시험 응시 또는 자격갱신 신청 시 개인이 학술대회 참석내역 연동하여 활용 가능			
대한내과학회 전공의 외부학술대회 평점	-	최대 2평점 * 당일 All-day 참석 필수	

#### ※ 평점 인정 사항

- 4월 9일(목)부터 4월11일(토) 내에 이수한 강의만 평점 인정됩니다.

#### ※ 출결방법 (오프라인 참석)

\* 하기 사항을 숙지하시어 평점 발급에 어려움 없으시길 바랍니다.

- 이수 시간은 학술대회장에 설치된 '입출결 확인 시스템'으로 기록되며, 입실 시와 퇴실 시, 명찰 혹은 어플리케이션의 QR 코드를 입출결 확인 시스템에 태깅하여 주십시오. (1일 2회 필수)
- 이수 시간은 최초 입장 시간과 최종 퇴장 시간으로 산출합니다. (체류 시간 1시간 당 1평점)

예시) 체류 시간 1시간 미만 → 0평점

체류 시간 1시간 이상 2시간 미만 → 1평점

체류 시간 2시간 이상 3시간 미만 → 2평점

체류 시간 3시간 이상 4시간 미만 → 3평점

체류 시간 4시간 이상 5시간 미만 → 4평점

체류 시간 5시간 이상 6시간 미만 → 5평점

체류 시간 6시간 이상 → 6평점

#### ※ 평점 제외 사항

- 사전등록 후 학술대회 불참 시 평점이 부여되지 않습니다.
- 휴식 시간 및 식사 시간은 평점 이수 시간에 포함되지 않습니다. (Break, Luncheon symposium 제외)



## IF (Impact Factor):

• 2024 Impact Factor **4.2** • 5 Year Impact Factor **4.4**

## SJR (Scopus Scimago Journal & Country Rank):

• 2024 SJR = 1.48(Q1)

## Indexed / Tracked / Covered

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KoreaMed, KoMCI, KoreaMed Synapse, KCI, Ebsco, DOI/Crossref, CAS, Embase, DOAJ, ScienceCentral, and Google Scholar



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### 2025 Journal Peer Review Statistics

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