



제28차 대한 뇌전증학회 국제학술대회

28<sup>th</sup> Korean Epilepsy Congress

# KEC

**23**(Fri) - **24**(Sat)  
**JUNE 2023**

Dregon City Hotel  
Seoul, Korea

### Important Dates

Deadline for Abstract Submission / May 31, 2023

Deadline for Academic Research Submission / May 31, 2023

Deadline for Pre-registration / May 31, 2023

<https://www.epilepsykorea.org/2023/>

# Invitation

---

## *Greetings from Seoul, Korea!*



**Dong-Seok KIM**

Congress President, KEC 2023  
Korean Epilepsy Congress

Dear friends and Colleagues,

It is my great honor to host the 28th Korean Epilepsy Congress, organized by Korean Epilepsy Society (KES) in Seoul, during June 23-24 2023.

A handwritten signature in black ink, appearing to read 'D. Seok Kim'.

Since the first meeting was held in 1996, KES has accomplished a big progress in the field of clinical activity including diverse diagnostic tools, therapeutic options and basic research. Since KES 2015 meeting, we have been holding Korean Epilepsy Congress as an international meeting to establish world-class view and encourage more communication among countries.

We are happy to invite you to join us again for the face-to-face meeting that will enhance participation's experiences and make us understand new concepts in field of epilepsy.

The 28th KEC meeting will be an opportunity to learn directly from the experts, explore creative ideas in the epilepsy clinics and research through the community of the global professionals, and expand the frontiers of research.

Also, as one of the rare epilepsy neurosurgeons in Korea, I would like to highlight the important role of epilepsy surgery, which is underutilized world-wide because of some barriers that we should break through mutual understandings.

I look forward to seeing all friends in Seoul enjoying positive discussions on improvement of epilepsy research.

Thank you.



# Committee



28<sup>th</sup> KOREAN EPILEPSY CONGRESS

제28차 대한뇌전증학회 국제학술대회

June 23 (Fri) - 24 (Sat), 2023

Seoul Dragon City Hotel, Korea

## Local Organizing Committee

	<b>Congress President</b> <b>Dong-Seok Kim</b> Yonsei Univ. Medical Center The Korean Epilepsy Society		<b>President</b> <b>Kyoung Heo</b> Yonsei Univ. Medical Center The Korean Epilepsy Society
	<b>Secretary General</b> <b>Kyung Min Kim</b> Yonsei Univ. Medical Center The Korean Epilepsy Society		<b>Treasurer</b> <b>Byung-chul Son</b> Catholic University of Korea The Korean Epilepsy Society
	<b>Chair, Academics Committee</b> <b>Ji Hyun Kim</b> Korea University Guro Hospital The Korean Epilepsy Society		

## Organizing Committee

<b>Vice-President</b> <b>Sang Kun Lee</b> Seoul National Univ. Hospital / The Korean Epilepsy Society	<b>Vice-President</b> <b>Byung Ho Cha</b> Wonju Severance Christian Hospital / The Korean Epilepsy Society
<b>Vice Secretary General</b> <b>Donghwa Yang</b> National Health Insurance Service Ilsan Hospital / The Korean Epilepsy Society	<b>Vice Secretary General</b> <b>Young goo Kim</b> Ewha womans university medical center / The Korean Epilepsy Society
<b>Publications Board of Directors</b> <b>Sang Kun Lee</b> Seoul National Univ. Hospital / The Korean Epilepsy Society	<b>Chair, Insurance Committee</b> <b>Mi-Sun Yum</b> Asan medical center / The Korean Epilepsy Society
<b>Chair, Public Relations Committee</b> <b>Jon Soo Kim</b> Chungbuk National University Hospital / The Korean Epilepsy Society	<b>Chair, International Affairs Committee</b> <b>Jeehun Lee</b> Samsung Medical Center / The Korean Epilepsy Society
<b>Chair, Training Committee</b> <b>ByungChan Lim</b> Seoul National University College of Medicine / The Korean Epilepsy Society	<b>Chair, Planning Committee</b> <b>Sang-ook Nam</b> Pusan National University Yangsan Hospital / The Korean Epilepsy Society
<b>Surgical director</b> <b>Seok Ho Hong</b> Asan medical center / The Korean Epilepsy Society	<b>Chair, Quality Assurance Committee</b> <b>Ki-Young Jung</b> Seoul National Univ. Hospital / The Korean Epilepsy Society
<b>Chair, Legal&amp;Ethical Committee</b> <b>Sung Eun Kim</b> Inje University Haeundae Paik Hospital / The Korean Epilepsy Society	<b>Chair, Website Committee</b> <b>Young-Soo Kim</b> Gyeongsang National University Hospital / The Korean Epilepsy Society
<b>Drug director</b> <b>Won-Joo Kim</b> Yonsei Univ. Medical Center / The Korean Epilepsy Society	<b>Chair, Social Committee</b> <b>Wonchul Shin</b> Kyung Hee Univ. Hospital at Gangdong / The Korean Epilepsy Society
<b>Chair, Epidemiological Committee</b> <b>Seo-Young Lee</b> Seoul National Univ. Hospital / The Korean Epilepsy Society	<b>Research director</b> <b>Young-Min Shon</b> Samsung Medical Center / The Korean Epilepsy Society
<b>Child young people director</b> <b>Hoon-Chul Kang</b> Yonsei Univ. Medical Center / The Korean Epilepsy Society	<b>Director, prejudice measure of epilepsy</b> <b>Dong Jin Shin</b> Gachon University Gil Medical Center / The Korean Epilepsy Society
<b>Editor-in-Chief, Textbook compilation Committee</b> <b>Dae-Won Seo</b> Samsung Medical Center / The Korean Epilepsy Society	

## Program at a glance

Time		June 23 (Fri)				June 24 (Sat)			
		Hanra A	Hanra B	Hanra C	Shilla	Hanra A	Hanra B	Hanra C	Shilla
08:00	00	Symposium 1		Symposium 2	Poster & Booth			Poster & Booth	
	10								
	20								
	30								
	40								
09:00	50	Plenary Lecture 1		Presidential symposium					
	00								
	10								
	20								
	30								
10:00	40	Symposium 3		Symposium 4		Symposium 15	Symposium 16		Symposium 26
	50								
	00								
	10								
	20								
11:00	30	Satellite		Satellite		Satellite	Satellite		
	40								
	50								
	00								
	10								
12:00	20	Oral presentation		Oral presentation		Symposium 17	Symposium 18		
	30								
	40								
	50								
	00								
13:00	10	Symposium 5		Symposium 6		Symposium 19	Symposium 20		
	20								
	30								
	40								
	50								
14:00	00	Symposium 7		Symposium 8	Symposium 21	Symposium 22			
	10								
	20								
	30								
	40								
15:00	50	Symposium 9		Symposium 10	Symposium 23	Symposium 24			
	00								
	10								
	20								
	30								
16:00	40	Symposium 11		Symposium 12					
	50								
	00								
	10								
	20								
17:00	30	General Assembly							
	40								
	50								
	00								
	10								
18:00	20								
	30								
	40								
	50								
	00								



# Program

June 23<sup>rd</sup> (Fri)

	Hanra A	Hanra B
8:30-9:30	<b>Symposium 1 Video presentation of ictal semiology in adult patients</b> Moderator: Wonchul Shin, Korea - Temporal lobe seizures Yong Seo Koo, Korea - Extratemporal lobe seizures Kyung Min Kim, Korea - Psychogenic nonepileptic seizures Dae Lim Koo, Korea	<b>Symposium 2 Video presentation of ictal semiology in pediatric patients</b> Moderator: Baik-Lin Eun - Temporal lobe seizures Woojoong Kim, Korea - Extratemporal lobe seizures Han Na Jang, Korea - Generalized seizures Donghwa Yang, Korea
9:40-10:30	<b>Plenary Lecture 1 Cognitive and behavioral adverse effects of new antiseizure medications</b> Moderator: Kyoung Heo, Korea Steve S. Chung, USA	
10:40-11:40	<b>Symposium 3 Magnetoencephalography (MEG)</b> Moderator: Seung Bong Hong, Korea - Introduction to the basic principles of MEG Kiwoong Kim, Korea - Utilizing MEG in identifying epileptic spikes Hyeonmi Park, Korea - Functional brain mapping using MEG Hiroshi Otsubo, Canada	<b>Symposium 4 Implementation of EEG in NCSE</b> Moderator: Oh-Young Kwon, Korea - Diagnosis and treatment of nonconvulsive status epilepticus Jun-San Sunwoo, Korea - Clinical implication of interictal-ictal continuum Dong Ah Lee, Korea - Clinical implication of brief potentially ictal rhythmic discharges (BIRDS) Ji Yeoun Yoo, USA
11:40-12:20	<b>Satellite</b> Moderator: Yong Seung Hwang, Korea - Lamotrigine in epilepsy patients with mood disorder and women: data and clinical implications Seung Bong Hong, Korea	<b>Satellite</b> Moderator: Se-Jin Lee, Korea - Critical considerations in ASM selection in the elderly: comorbidity and drug interactions Sang Ahm Lee, Korea - Medical treatment in pediatric epilepsy patients: seizure control and cognitive functions Ji Eun Choi, Korea
12:30-13:30	<b>Oral presentation</b> Moderator: Ji Hyun Kim, Korea Dong Wook Kim, Korea	<b>Oral presentation</b> Moderator: Byung Chan Lim, Korea Mi-Sun Yum, Korea
13:30-14:30	<b>Symposium 5 Unmet needs in drug-resistant epilepsy</b> Moderator: Ki Joong Kim, Korea - State-of-the-art strategy of drug polytherapy for DRE Dae-Won Seo, Korea - Maximizing the potentials of epilepsy surgery for DRE in Korea: an evidence-based medicine Sang Kun Lee, Korea - Innovative treatment for DRE Mi-Sun Yum, Korea	<b>Symposium 6 Reappraisal of Lennox-Gastaut syndrome (LGS)</b> Moderator: Tae-Sung Ko, Korea - Causes and semiology of LGS: more than just seizures Sookyong Koh, USA - Medical treatment and ketogenic diet for LGS Joo Hee Seo, USA - Surgical treatment in LGS Dong-Seok Kim, Korea
14:40-15:40	<b>Symposium 7 Epidemiology of epilepsy and status epilepticus in Korea</b> Moderator: Ki-Young Jung, Korea - Incidence and prevalence of epilepsy Jiye Jeon, Korea - Mortality in epilepsy: causes and risk factors Hye-Jin Moon, Korea - Incidence and mortality of status Sun Ah Choi, Korea	<b>Symposium 8 Current trends in treatment of status epilepticus</b> Moderator: Jae-Moon Kim, Korea - Antiseizure medications for SE: evidence-based medicine Jung-Ick Byun, Korea - Timing Matters: importance of timing in the treatment of SE Eun Hee Kim, Korea - The role of immunotherapy in the treatment of SE Woo-Jin Lee, Korea
15:50-16:50	<b>Symposium 9 Focal cortical dysplasia type I vs. type II</b> Moderator: Heung Dong Kim, Korea - Semiology and EEG findings in FCD type I vs. type II Hyang Woon Lee, Korea - Pathological consideration of FCD type I vs. type II Se Hoon Kim, Korea - Surgical approach and outcomes in FCD type I vs. type II Chun Kee Chung, Korea	<b>Symposium 10 Brain tumors and epilepsy: understanding the relationship</b> Moderator: Byung-chul Son, Korea - Medical treatment in epilepsy with brain tumors: introduction of a guideline Jangsup Moon, Korea - Longterm epilepsy-associated tumors: characteristics and outcomes Ji Hoon Phi, Korea - Genetics in epilepsy with brain tumors: implications for diagnosis and treatment Jeongho Lee, Korea
17:00-18:00	<b>Symposium 11 Sudden unexpected death in epilepsy (SUDEP)</b> Moderator: Sang Ahm Lee, Korea - Pathophysiological considerations in SUDEP Yun Jin Lee, Korea - Biomarkers for SUDEP: Current research and future direction Se Hee Kim, Korea - Seizure detection and SUDEP prevention Jin-Sun Jun, Korea	<b>Symposium 12 Pregnancy issues in women with epilepsy (WWE)</b> Moderator: Hyang Woon Lee, Korea - The Impact of ASMs on fetal malformations Eun-Kee Bae, Korea - Cognitive outcomes in children exposed to ASMs during pregnancy Bo Lyun Lee, Korea - How to prescribe ASMs during pregnancy: an evidence-based approach Su-Hyun Han, Korea
18:00-	<b>General Assembly</b>	

# Program

June 24<sup>th</sup> (Sat)

	Hanra A	Hanra B
8:30-9:30	<b>Symposium 13 Uncommon epilepsy syndromes in pediatric population</b> Moderator: Soo Ahn Chae, Korea - Epilepsy in mitochondrial diseases Ji-Hoon Na, Korea - Ohtahara syndrome Soyoung Park, Korea - Newly recognized IGE syndromes: Jeavon syndrome, Panayiotopoulos syndrome Jin Hwa Moon, Korea	<b>Symposium 14 Paroxysmal movement disorders and epilepsy</b> Moderator: Dong Jin Shin, Korea - Link between paroxysmal dyskinesia and epilepsy Young-Soo Kim, Korea - Reflex epilepsies: link between stimuli and seizures Min-je Kim, Korea - Startle syndromes: physiology, clinical characteristics, and management Kyung Jin Hwang, Korea
9:40-10:30	<b>Presidential symposium Experience with diverse patient groups treated with the RNS system</b> Moderator: Dong-Seok Kim, Korea Yong D. Park, USA	
10:40-11:40	<b>Symposium 15 Comorbidities and their relationships with epilepsy</b> Moderator: Hong Ki Song, Korea - Epilepsy and dementia: understanding the link David Y. Ko, USA - Epilepsy and stroke: co-occurrence and impact Jung-won Shin, Korea - Epilepsy and psychiatric disorders: diagnostic and management challenges Byung-Euk Joo, Korea	<b>Symposium 16 Developing common data elements (CDE) for epilepsy patients: a multi-center collaborative project</b> Moderator: Young-Min Shon, Korea - Introduction to CDE in epilepsy patients: definition and purpose Seo-Young Lee, Korea - Implementing CDE in pediatric epilepsy patients Hunmin Kim, Korea - Implementing CDE in adult epilepsy patients Yong Seo Koo, Korea
11:40-12:20	<b>Satellite TBD TBD</b> Moderator: Byung In Lee, Korea	<b>Satellite</b> Moderator: Ji-Eun Kim, Korea - Efficacy and tolerability of eslicarbazepine for add-on therapy and initial monotherapy in FOS : The evidence and case-based approach Ji Hyun Kim, Korea - Beyond seizure control: The role of eslicarbazepine for pediatric patients with epilepsy
12:40-13:40	<b>Symposium 17 Biomarkers for predicting drug-resistant epilepsy: current status and future directions</b> Moderator: Yong Won Cho, Korea - Biochemical and genetic markers for DRE Jee Hun Lee, Korea - Neuroimaging biomarkers for D Kang Min Park, Korea - Machine learning-based prediction of DRE Seung Soo Kim, Korea	<b>Symposium 18 Basic mechanism of epileptogenesis</b> Moderator: Won-Joo Kim, Korea - Exploring the mechanisms of epilepsy through electrophysiology in Animal Models Ara Ko, Korea - Developing neuromodulation therapeutics for epilepsy through electrophysiology Sungmin Park, Korea - Combining optogenetics and functional MRI with electrophysiology to study epileptic networks Jin Hyung Lee, USA
13:50-14:50	<b>Symposium 19 Epilepsy as a network disorder</b> Moderator: Jee Hyun Kim, Korea - Definition of network hubs and network analysis using graph theory Joon-Kyung Seong, Korea - Epilepsy is a network disorder: functional imaging perspectives Seonghoon Kim, Korea - Epilepsy is a network disorder: EEG/MEG perspectives Tae-Joon Kim, Korea	<b>Symposium 20 Electroclinical vs. gene-based epilepsy classification: What's the difference?</b> Moderator: JeeHun Lee, Korea - Dravet syndrome vs. SCN1A-related epilepsy Young Ok Kim, Korea - Self-limited infantile epilepsy vs. PRRT2-related epilepsy Jiwon Lee, Korea - Myoclonic atonic epilepsy vs. SLC2A1-related epilepsy Byung Chan Lim, Korea
15:00-16:00	<b>Symposium 21 Subcortical epilepsy: is it real?</b> Moderator: Hoon-Chul Kang, Korea - Anatomy and function of brain subcortical structures in relation to epileptic seizures Hyoung F. Kim, Korea - Involvement of subcortical structures during epileptic seizures: neuroimaging and EEG evidence Ki Hyeon Lee, USA - Therapeutic approaches of targeting subcortical structures in epilepsy: animal and human evidence Eun Mi Lee, Korea	<b>Symposium 22 Amygdala enlargement in temporal lobe epilepsy: complexities and implications</b> Moderator: Seong Eun Kim, Korea - Clinical and imaging characteristics in temporal lobe epilepsy with amygdala enlargement Dong Wook Kim, Korea - Pathological characteristics and surgical outcomes in temporal lobe epilepsy with amygdala enlargement Eun Jung Koh, Korea - Amygdala enlargement as a epileptogenic lesion in temporal lobe epilepsy: not a simple causal relationship Kyoung Heo, Korea
16:00-17:00	<b>Symposium 23 Reappraisal of surgical treatment of hippocampal sclerosis</b> Moderator: Chun Kee Chung, Korea - Optimizing surgical technique to avoid neurological complications Young Goo Kim, Korea - Selective amygdalohippocampectomy versus anterior temporal lobectomy Jong Hyun Kim, Korea - Other options: gamma knife radiosurgery, hippocampal deep brain stimulation, laser interstitial thermal therapy Hae Yu Kim, Korea	<b>Symposium 24 Common complaints in epilepsy: what is clinical significance?</b> Moderator: Sang-Ook Nam, Korea - Headache Sung-Pa Park, Korea - Sleep disturbances Eun Yeon Joo, Korea - Anxiety and depression Jinseok Park, Korea

# Program



28<sup>th</sup> KOREAN EPILEPSY CONGRESS

제28차 대한뇌전증학회 국제학술대회  
**June 23 (Fri) - 24 (Sat), 2023**  
Seoul Dragon City Hotel, Korea

## June 24<sup>th</sup> (Sat)

	Shilla
	<b>Symposium 25 Stereoelectroencephalography (SEEG): concept and clinical application</b> Moderator: Jin Woo Chang, Korea
8:30-9:30	<ul style="list-style-type: none"><li>- Rationale and indication of SEEG Young-Min Shon, Korea</li><li>- Advantages and disadvantages of SEEG compared to subdural grids and strip electrodes Seok Ho Hong, Korea</li><li>- Anatomic-electro-clinical correlation for optimal SEEG interpretation Hyunmi Kim, USA</li></ul>
	<b>Symposium 26 Stereoelectroencephalography (SEEG): case illustrations and discussion</b> Moderator: Seung Bong Hong, Korea
10:40-11:40	<ul style="list-style-type: none"><li>- Utilization of SEEG in temporal lobe epilepsy Won Seok Chang, Korea</li><li>- Utilization of SEEG in extratemporal epilepsy Seunghoon Lee, Korea</li><li>- MEG for SEEG: techniques and applications Hiroshi Otsubo, Canada</li></ul>

# Call for Abstracts

## Abstract Submission Guidelines

### Abstract submission by May 31st, 2023

Abstracts must be submitted via the website only (<https://www.epilepsykorea.org/>) Please prepare the abstracts according to the instructions on the website. For any inquiries or questions, please contact to KES secretariat's e-mail (koreaepilepsy@kes.or.kr)

### Abstract Topics for Oral Presentation and Poster/Case Report

- Clinical Epilepsy
- Pediatric Epilepsy
- Epilepsy Surgery
- Genetics
- Neuroimaging
- Antiepileptic Drug
- Basic Research
- EEG
- Quality of Life
- Psychiatric Comorbidity
- Others

## Notification of Acceptance

All submitted abstracts will be reviewed by the Scientific Program Committee according to the standard review procedures. Notification of acceptance will be sent by e-mail to presenting and abstract submitting authors by **May 31, 2023**.

## Best Poster Award

The KEC 2023 Scientific Program Committee cordially invites you to submit abstracts for the Oral Presentation and Poster Presentation/Case Report. All abstracts should be submitted online. All abstracts will be reviewed by the Scientific Program Committee and assigned to the appropriate session/exhibition. Also, all submitter should register before submitting abstracts.

**Best Oral / Poster Abstract**

**200,000 KRW**

# Registration



28<sup>th</sup> KOREAN EPILEPSY CONGRESS

제28차 대한뇌전증학회 국제학술대회

**June 23 (Fri) - 24 (Sat), 2023**

Seoul Dragon City Hotel, Korea

## Registration deadline: May. 31, 2023

Online Pre-registration is highly recommended at the congress website.

### Registration fee (Overseas)

	Online <b>Pre</b> -registration	Online registration
Physician	USD 100	USD 120
Resident	USD 60	USD 80
Accompanying person*	USD 60	USD 80

### Registration Fee Includes

Regular Participant's Registration Fee includes:

- Participation in scientific sessions
- Entrance to the exhibition
- Lunch, Dinner, Congress kit, Coffee breaks

### Registration fee (Korean)

	Online <b>Pre</b> -registration	Online registration
전문의(정회원 및 종신회원)	100,000 원	120,000 원
준회원(전공의)	60,000 원	80,000 원
비회원	180,000 원	200,000 원
기사, 간호사, 연구원	무료	무료
후원 제약사	무료	무료

### Bank Transfer

**Name of Bank** Hana bank  
**Account No.** 13591001143105  
**Beneficiary** The Korea Epilepsy Society  
**Address** 53, Hallimma-gil, Seongdong-gu, Seoul, Republic of Korea  
**Swiftcode** KOEXKRSE

- Participation in scientific sessions
- Entrance to the exhibition
- Lunch, Dinner, Congress kit, Coffee breaks

### Cancellation & refund

Cancellation must be notified to the secretariat in writing by e-mail (koreaepilepsy@kes.or.kr)

All refund will be made after the meeting.

All bank services charges and all administration fees will be deducted from all congress registration refund.

Please refer to the following cutoff dates for cancellation.

**Cancellation After June 1**

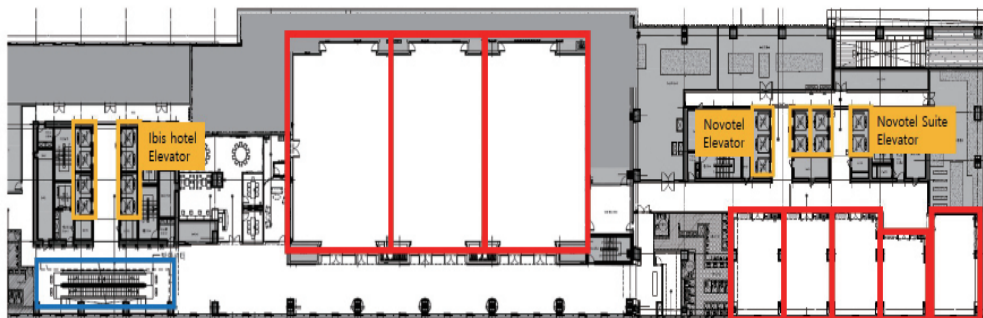
**No refund**

### CME Points for Korean

6 Points / day

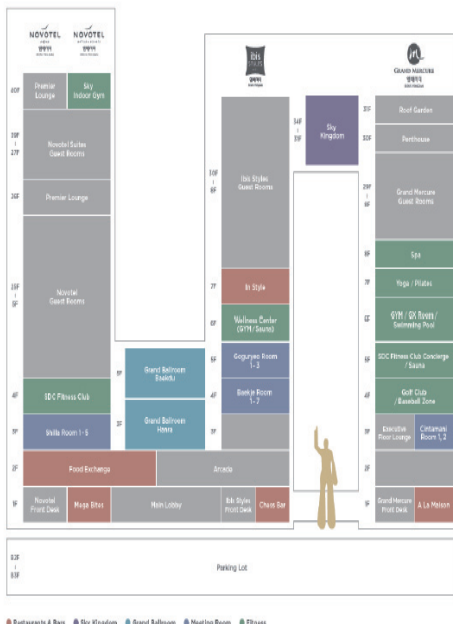
## Function Room

3F



Venue	Seoul <b>Dragon City</b> , Seoul, Korea
Address	95 Cheongpa-ro 20-gil, Yongsan-gu, 04372 South Korea Tel. +82-2-2223-7000 Fax. +82-2-2223-7778
Homepage	<a href="http://www.seouldragoncity.com">http://www.seouldragoncity.com</a>
Place	<b>3F</b> Hanra room <b>Hanra &amp; Shilla</b>

Hanra room 1~3 & Shilla room 1~5





## Overview

<b>Date</b>	June 23(Fri) - 24(Sat), 2023
<b>Venue</b>	Seoul <b>Dragon City Hotel</b> , Korea
<b>Official Language</b>	English / Korean
<b>Secretariat</b>	Korean Epilepsy Society KCC ParkTown 101-308, Mallijae-ro 185, Jung-Gu, Seoul, Korea [For any inquiries or questions, please contact to KES Secretariat's e-mail] E-mail: koreaepilepsy@kes.or.kr

## Important Dates

<b>Deadline for Abstract Submission</b>	May 31, 2023
<b>Deadline for Academic Research Submission</b>	May 31, 2023
<b>Deadline for Pre-registration</b>	May 31, 2023