

Scientific Programme

Saturday, 22 June 2019

Other
08:00 - 11:50

Lotus 9

Pharmacological treatment: starter course

Places on this course must be booked and may be added to your congress registration for an additional fee. Booking is available via the congress registration system and more information on fees and the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>.

Chairs:

Chair: Emilio Perucca (Italy)
Chair: Torbjörn Tomson (Sweden)

Basic pharmacology	08:00 - 08:40
Speaker: Graeme Sills (United Kingdom)	
When to treat and not treat	08:40 - 09:20
Speaker: C.T. Tan (Malaysia)	
Speaker: Shih Hui Lim (Singapore)	
Drug selection and titration	09:20 - 10:00
Speaker: Emilio Perucca (Italy)	
Break	10:00 - 10:30
Special populations: women and elderly	10:30 - 11:10
Speaker: Torbjörn Tomson (Sweden)	
Special populations: infants and children	11:10 - 11:50
Speaker: Nicola Specchio (Italy)	

Other
08:00 - 11:50

Lotus 12

Epilepsy diagnosis

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Chairs:

Chair: Peter Wolf (Denmark)
Chair: Walter van Emde Boas (Netherlands)

Is this seizure? Recognizing and classifying seizures from patient history and from video recordings	08:00 - 08:50
Speaker: Peter Wolf (Denmark)	
Speaker: Walter van Emde Boas (Netherlands)	
Localizing focal seizures based on patient history and video recordings	08:50 - 09:40
Speaker: Philippe Kahane (France)	

Scientific Programme

Break	09:40 - 10:10
Etiologies according to the age of onset Speaker: Michael Sperling (United States)	10:10 - 11:00
Epilepsy syndromes Speaker: Michalis Koutroumanidis (United Kingdom) Speaker: Matthew Walker (United Kingdom)	11:00 - 11:50

Other
08:00 - 11:50

Lotus 13

EEG in diagnosing patients with epilepsy (EEG starter)

Places on this course must be booked and may be added to your congress registration for an additional fee. Booking is available via the congress registration system and more information on fees and the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>.

Chairs:

Chair: Sándor Beniczky (Denmark)
Chair: Ronit Pressler (United Kingdom)

Basic technology, electrodes, montages and localization Speaker: Sándor Beniczky (Denmark)	08:00 - 08:50
Systematic approach to EEG interpretation: background activity Speaker: Ronit Pressler (United Kingdom)	08:50 - 09:40
Break	09:40 - 10:10
Systematic approach to EEG interpretation: interictal and ictal patterns Speaker: Richard Wennberg (Canada)	10:10 - 11:00
Normal variants. Sensitivity and specificity Speaker: Ernest Somerville (Australia)	11:00 - 11:50

Other
08:00 - 11:50

Lotus 14

Status epilepticus

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Chairs:

Chair: Eugen Trinka (Austria)

Epidemiology and classification Speaker: Manjari Tripathi (India)	08:00 - 08:50
Pathophysiology and consequences of status epilepticus Speaker: Jaideep Kapur (United States)	08:50 - 09:40

Scientific Programme

Break	09:40 - 10:10
Diagnosis and treatment: part one Speaker: Eugen Trinka (Austria)	10:10 - 11:00
Diagnosis and treatment: part two Speaker: Adam Strzelczyk (Germany)	11:00 - 11:50

Other
08:00 - 16:50

Lotus 11

Neuroimaging in epilepsy - what the clinician should know

Places on this course must be booked in advance and may be added to your congress registration for an additional fee. Booking is available via the congress registration system and more information on fees and the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>.

Chairs:

Chair: Andrea Bernasconi (Canada)
Chair: Paolo Federico (Canada)

Introduction to neuroimaging in epilepsy Speaker: Paolo Federico (Canada)	08:00 - 08:50
MRI physics, sequence names, and MRI epilepsy protocol Speaker: Boris Bernhardt (Germany)	08:50 - 09:40
Break	09:40 - 10:10
Common epileptic pathologies: temporal epilepsy Speaker: Neda Ladbon Bernasconi (Canada)	10:10 - 11:00
Common epileptic pathologies: extratemporal lobe epilepsy Speaker: Fernando Cendes (Brazil)	11:00 - 11:50
Break	11:50 - 13:00
MRI-negative epilepsy. What are the next steps? Speaker: Andrea Bernasconi (Canada)	13:00 - 13:50
Other neuroimaging modalities: PET, SPECT, etc. Speaker: Yotin Chinvarun (Thailand)	13:50 - 14:40
Break	14:40 - 15:10
fMRI (task-based, EEG-fMRI) and other advanced MRI methods Speaker: Graeme Jackson (Australia)	15:10 - 16:00
fMRI (task-based, EEG-fMRI) and other advanced MRI methods Speaker: Anna Elisabetta Vaudano (Italy)	16:00 - 16:50

Scientific Programme

Other
13:00 - 14:30

Ballroom AB

WONOE Highlights

Chairs:

Chair: Aristeia Galanopoulou (United States)
Chair: Terence O'Brien (Australia)

What is focal seizure?	13:00 - 13:10
Speaker: Astrid Nehlig (France)	
What is generalized seizure?	13:10 - 13:20
Speaker: Terence O'Brien (Australia)	
What is seizure in immature animals?	13:20 - 13:30
Speaker: Aristeia Galanopoulou (United States)	
Borderland of epileptic and non-epileptic events	13:30 - 13:40
Speaker: Ozlem Akman (Turkey)	

Social Issues
13:00 - 14:45

Lotus 1-4

IBE Golden Light Forum

Chairs:

Chair: Martin Brodie (United Kingdom)
Chair: Ann Little (Ireland)

My personal story	13:00 - 13:12
Speaker: Nina Mago (Uganda)	
My personal story	13:12 - 13:24
Speaker: Amirsoheyl Pirayeshfar (Iran, Islamic Republic of)	
My personal story	13:24 - 13:36
Speaker: Emma Lovise Larsen (Norway)	
My personal story	13:36 - 13:48
Speaker: Rebecca McGhee (United Kingdom)	
My personal story	13:48 - 14:00
Speaker: Sofia Betanzo (Chile)	
My personal story	14:00 - 14:12
Speaker: Elizabeth Dueweke (United States)	
My personal story	14:12 - 14:24
Speaker: Mohammad Agus Rahmatulloh (Indonesia)	
My personal story	14:24 - 14:36
Speaker: Scarlett Paige (Australia)	

Scientific Programme

Paediatrics
13:00 - 14:30

Lotus 5-7

Treatment advances in the childhood epilepsies

Seizures occur frequently in infants and young children, yet there are no specific guidelines about best treatment options for this population. With the development of new antiseizure medications, specialized diets, and a wide range of surgical strategies, the field of pediatric epilepsy is markedly changing. This forum will discuss these developments and their impact on treating infants and young children with epilepsy. Specifically, we will address gaps in our knowledge, new approved treatments for children including cannabidiol, when to consider surgery, and benefits of early surgical intervention in improving outcomes. Case studies will be presented to illustrate best treatment paradigms.

Chairs:

Chair: Lieven Lagae (Belgium)

Chair: Stéphane Auvin (France)

Gaps in knowledge regarding treatment in infants and young children with epilepsy	13:00 - 13:22
Speaker: Julia Jacobs (Germany)	
New approved treatments: Are they beneficial in childhood epilepsy?	13:22 - 13:44
Speaker: Christoph Schöne-Bake (Germany)	
Surgical approaches: It's never too early to think about epilepsy surgery in young children with epilepsy	13:44 - 14:06
Speaker: Georgia Ramantani (Switzerland)	
Typical case scenarios: Treatment possibilities	14:06 - 14:28
Speaker: KP Vinayan (India)	

Social Issues
13:00 - 14:30

Ballroom C

Access to treatment in resource-poor countries

Access to consistent and appropriate care for epilepsy is a major challenge worldwide for patients with epilepsy. Barriers can include social prejudice, economic conditions, lack of healthcare providers and adequate training, inconsistent supply of medications, and politics. This forum will attempt to address some of these challenges and propose possible solutions, while engaging the audience in discussions on ways to reduce barriers to appropriate epilepsy care worldwide. Preliminary results from surveys of healthcare providers on access to care and generic medications may be presented. This forum is proposed from the Access to Treatment and Generic Substitution task forces.

Chairs:

Chair: Timothy Welty (United States)

Introduction	13:00 - 13:05
Speaker: Timothy Welty (United States)	
Society and societal barriers	13:05 - 13:22
Speaker: Edward Kija (Tanzania, United Republic of)	
Accessibility to antiepileptic drugs	13:22 - 13:39
Speaker: Federico Vigevano (Italy)	
Speaker: Virginia Pironi (Italy)	

Scientific Programme

Generic Medications Speaker: Timothy Welty (United States)	13:39 - 13:56
Economic and political issues Speaker: Hazel Paragua-Zuellig (Philippines)	13:56 - 14:13
Potential solutions Speaker: Archana Patel (United States)	14:13 - 14:30

Other
13:00 - 16:50

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Scientific Programme

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Diagnosis and treatment: part two	16:00 - 16:50
Speaker: Adam Strzelczyk (Germany)	

Other
14:45 - 15:30

Ballroom AB

Michael Prize

Chairs:

Chair: Iscia Lopes-Cendes (Brazil)

Chair: Julia Jacobs (Germany)

Navigating from germline to somatic mutations in the mTOR pathway landscape	14:45 - 15:00
Speaker: Stéphanie Baulac (France)	
Sleep, oscillations, and background EEG in human focal epilepsy	15:00 - 15:15
Speaker: Birgit Frauscher (Canada)	

Satellite Symposia
15:30 - 17:00

Lotus 1-4

LivaNova: Shaping the future of drug resistant epilepsy

Chairs:

Chair: Patrick Kwan (Australia)

When the drugs don't work	15:30 - 16:00
Speaker: Patrick Kwan (Australia)	
VNS Therapy: what does the published data tell us?	16:00 - 16:30
Speaker: Milan Brázdil (Czech Republic)	

Scientific Programme

Managing DRE in children
Speaker: Nicola Specchio (Italy)

16:30 - 17:00

Satellite Symposia
15:30 - 17:00

Lotus 5-7

UCB: Treatment gaps in epilepsy

Chairs:

Chair: Raymond Edward Faught (United States)

Onset to diagnosis

Speaker: Manjari Tripathi (India)

15:30 - 15:52

Diagnosis to treatment

Speaker: Raymond Edward Faught (United States)

15:52 - 16:14

Gaps in epilepsy management

Speaker: Ettore Beghi (Italy)

16:14 - 16:36

Dialogue between physicians and patients

Speaker: Fernando Cendes (Brazil)

16:36 - 16:58

Management Issues (medical or surgical)
17:00 - 18:30

Convention Hall

Optimising management of epilepsy in pregnancy

Chairs:

Chair: Sanjeev Thomas (India)

Chair: Torbjörn Tomson (Sweden)

Current global guidelines for the management of epilepsy in pregnancy: results of an ILAE survey

Speaker: Torbjörn Tomson (Sweden)

17:00 - 17:30

Update on developmental and behavioral outcomes after fetal exposure to different AEDs

Speaker: Kimford Meador (United States)

17:30 - 18:00

Managing epilepsy treatment during pregnancy with current knowledge and limited resources

Speaker: Sanjeev Thomas (India)

18:00 - 18:30

Management Issues (medical or surgical)
17:00 - 18:30

Ballroom AB

Making the right treatment choices in newly diagnosed epilepsy

Chairs:

Chair: Anthony Marson (United Kingdom)

Chair: Hazel Paragua-Zuellig (Philippines)

Scientific Programme

The comparative clinical effectiveness of first line AEDs Speaker: Anthony Marson (United Kingdom)	17:00 - 17:22
Assessing clinically important harms associated with AEDs Speaker: Nathalie Jette (United States)	17:22 - 17:44
Assessing benefit-harm trade-offs in order to make best treatment choices? Speaker: Reetta Kälviäinen (Finland)	17:44 - 18:06
Making cost effective treatments available Speaker: Hazel Paragua-Zuellig (Philippines)	18:06 - 18:28

Paediatrics
17:00 - 18:30

Lotus 1-4

Childhood comorbidities from mechanism to management

Chairs:

Chair: Dana Craiu (Romania)
Chair: Chahnez Triki (Tunisia)

Epilepsy and autism Speaker: Dana Craiu (Romania)	17:00 - 17:22
Impulse control	17:22 - 17:44
Cognitive impairment Speaker: Lieven Lagae (Belgium)	17:44 - 18:06
Mood disorders Speaker: Edward Kija (Tanzania, United Republic of)	18:06 - 18:28

Management Issues (medical or surgical)
17:00 - 18:30

Lotus 5-7

Application of genetic studies in epilepsy care: genome wide association studies

Chairs:

Chair: Gianpiero Cavalleri (Ireland)
Chair: Sam Berkovic (Australia)

An introduction to genome-wide association studies for clinicians Speaker: Nigel Tan (Singapore)	17:00 - 17:10
Common variants in common epilepsies: mega-analysis of >15,000 epilepsy cases Speaker: Remi Stevelink (Netherlands)	17:10 - 17:35
Predicting drug reactions with genotyping: HLA antigens, drug reactions and ethnicity Speaker: Patrick Kwan (Australia)	17:35 - 17:50

Scientific Programme

Predicting drug reactions with genotyping: other genes and drug reactions	17:50 - 18:05
Speaker: Mark McCormack (Ireland)	
Can genetic information help predict response to AED therapy?	18:05 - 18:20
Speaker: Iscia Lopes-Cendes (Brazil)	
General discussion: who and when to test in 2019	18:20 - 18:30

Clinical
17:00 - 18:30

Ballroom C

Impaired consciousness/awareness in epilepsy: clinical spectrum and mechanistic approaches

Chairs:

Chair: Hal Blumenfeld (United States)

Chair: Satish Jain (India)

What is “impaired awareness” and why is it important?	17:00 - 17:22
Speaker: Sameer Zuberi (United Kingdom)	
Dissociating unresponsiveness from unconsciousness during epileptic seizures	17:22 - 17:44
Speaker: Melaine Boly (Belgium)	
Electrophysiological correlates of impaired consciousness during focal seizures	17:44 - 18:06
Speaker: Fabrice Bartolomei (France)	
Probing cortico-subcortical networks to reverse unconsciousness during epileptic seizures	18:06 - 18:28
Speaker: Hal Blumenfeld (United States)	

19:00 - 20:00

Convention Hall

Welcome Ceremony

All delegates are invited to attend the Welcome Ceremony, which includes the Awards Ceremony. It is followed by the Welcome Reception.

Ticket: Included in registration fee for all delegates; Ticket includes: drinks and canapés

Scientific Programme

Sunday, 23 June 2019

Paediatrics
08:00 - 09:30

Convention Hall

Developing prevention treatments for pediatric epilepsies: from models to the clinic

There has been an impressive growth in knowledge on the pathogenesis of pediatric epilepsies and seizures with new animal models developed which allowed the screening for syndrome- or etiology-specific therapies. However, there are still treatment gaps with limited efficacy of the available treatments and an absence of evidence for the second and third line treatment in clinical practice. There is an opportunity to advance from the use of extrapolation therapies from adults to the targeted development of therapies using syndrome-specific and etiology-specific models of pediatric epilepsies. We will bring together experts to discuss issues pertaining to the preclinical development, regulatory aspects and their translation into clinical trials.

Four speakers will highlight specific issues and successes from pediatric epilepsy therapy development. Expert invited discussants will initiate and engage into a discussion of possible solutions or roadblocks on preclinical, regulatory and clinical trial issues. Each speaker will have 10min to introduce specific discussion points relevant to research or practice in his/her thematic areas. Discussants will present a first approach to the raised issues and moderate the discussion with the forum participants.

Chairs:

Chair: Aristeia Galanopoulou (United States)

Preventing pediatric epilepsies when the cause is unknown: the West syndrome paradigm	08:00 - 08:30
Speaker: Hiroki Nariai (United States)	
Preventing epilepsy in children when etiology is known: the case of Focal Cortical Dysplasia	08:30 - 09:00
Speaker: Stéphanie Baulac (France)	
Can the EEG predict pediatric epilepsy diagnosis and epileptogenesis?	09:00 - 09:30
Speaker: Kees Braun (Netherlands)	

Other
08:00 - 09:30

Ballroom AB

Focal cortical dysplasia: an update

Focal Cortical Dysplasia: an update	08:00 - 09:30
Speaker: Imad Najm (United States)	
Speaker: Ingmar Blümcke (Germany)	

Social Issues
08:00 - 09:30

Lotus 1-4

Counselling patients with epilepsy, caregivers and relatives

Counselling patients with epilepsy, caregivers and relatives	08:00 - 09:30
Speaker: Martin Brodie (United Kingdom)	
Speaker: Mary Secco (Canada)	

Scientific Programme

Other
08:00 - 09:30

Lotus 5-7

EEG source imaging - part one: theory

There is no additional charge for this course, but places on this course must be booked in advance. Booking is available via the congress registration system and more information on the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>. This course is supported by an unrestricted educational grant from Besa. The company has no input in the structure or content of, or speakers at, the teaching course.

EEG source imaging - part one: theory

08:00 - 09:30

Speaker: Stefan Rampp (Germany)
Speaker: Sándor Beniczky (Denmark)

Other
08:00 - 09:30

Ballroom C

The International Epilepsy Curriculum: Common errors and their solutions from a psychiatric/psychological perspective

To achieve an international, assessment-based certificate program in clinical epileptology, a list of competencies was evaluated and respective learning objectives were developed by the Education Task Force of the ILAE. Epilepsies are associated with substantial comorbidities, including mood disorders and cognitive dysfunction. These psychosocial factors and epilepsy treatments can have significant impact on the health-related quality of life (HRQOL) of individuals with epilepsy and their families. This forum will present and discuss case-based educational activities that relate to the scope of the Psychiatry Commission and Psychology Task Force. The forum will include a short overview of the goals and structure of the international epilepsy curriculum and illustrate the collaborative input by the Psychiatry Commission and Psychology Task Force. The forum is meant to be interactive: Presentations will be kept short to leave ample time for discussion.

Chairs:

Chair: Christian Brandt (Germany)
Chair: Rosa Michaelis (Germany)

Introduction - The international epilepsy curriculum as a patient-centered approach: an opportunity to increase awareness of common psychiatric conditions in epilepsy?

08:00 - 08:18

Speaker: Rosa Michaelis (Germany)

Understand and address the culturally appropriate aspects and consequences of the diagnosis of epilepsy, including stigma (LO 2.1), from the Asian perspective

08:18 - 08:36

Speaker: Venus Tang (Hong Kong)

Appropriately manage and advise regarding psychiatric emergencies (e.g. suicidal ideation) (LO 5.1.5) and recognize when to refer adult patients with psychiatric comorbidities for higher level of care (LO 2.5)

08:36 - 08:54

Speaker: W Curt LaFrance (United States)
Speaker: Milena Gandy (Australia)

Scientific Programme

Provide counseling specific to children with epilepsy and their parents regarding lifestyle matters (LO 2.9) and recognize when to refer paediatric patients with psychiatric comorbidities for higher level of care (LO 2.5) **08:54 - 09:12**

Speaker: Avani Modi (United States)
Speaker: Janelle Wagner (United States)
Speaker: Kette Valente (Brazil)

Provide counseling and information in relation to PNES to patients and families (LO 2.10) **09:12 - 09:30**

Speaker: Markus Reuber (United Kingdom)
Speaker: W Curt LaFrance (United States)

Other
09:30 - 11:30

Convention Hall

Presidential Symposium: Predicting the future of epilepsy

Chairs:

Chair: Samuel Wiebe (Canada)
Chair: Martin Brodie (United Kingdom)

Algorithms in clinical practice - can they really help us predict outcomes? **09:30 - 09:54**

Speaker: Lara Jehi (United States)

Intelligent neuro-devices - present and future **09:54 - 10:18**

Speaker: Mark Cook (Australia)

Machine learning and artificial intelligence - is the future already here? **10:18 - 10:42**

Speaker: Philippe Ryvlin (Switzerland)

Precision medicine and epilepsy therapies of the future **10:42 - 11:06**

Speaker: Sanjay Sisodiya (United Kingdom)

Epilepsy care in resource limited countries - what does the future hold? **11:06 - 11:30**

Speaker: Angelina Kakooza (Uganda)

Other
10:00 - 17:00

Poster Area

Adult epileptology 1

Efficacy of EEG in anti-NMDA encephalitis

Speaker: Takayuki Kosaka (Japan)

Predictors of Psychogenic Non Epileptic Seizures (PNES) in people with epilepsy

Speaker: Nirmeen Kishk (Egypt)

Effective connectivity dynamics within interictal pre-spike networks in focal epilepsy

Speaker: Stanislav Alexandru Groppa (Moldova, Republic of)

Scientific Programme

Isolated facial droop and confusion - potential markers of atypical seizures manifesting as an acute code stroke

Speaker: Patrick Carney (Australia)

In-hospital based cohort in Chinese epilepsy center: practice of 2017 ILAE classification in etiology

Speaker: Lu Lu (China)

Brivaracetam: a single-centre prospective UK study of effectiveness in people with epilepsy and learning disability

Speaker: Melissa Maguire (United Kingdom)

How many more seizure remission achieved with epilepsy surgeries, in a general epilepsy cohort?

Speaker: Si Lei Fong (Malaysia)

Protein kinase WNK3 increases in dispersed granule cells of patients with temporal lobe epilepsy

Speaker: KYOUNG HOON Jeong (Korea, Republic of)

First unprovoked seizure and risk of recurrence applying the new definition of epilepsy of the ILAE

Speaker: Damian Eduardo Consalvo (Argentina)

Pilomotor seizure as a presenting semiology of autoimmune LGI1 antibody limbic encephalitis

Speaker: Dae-Won Seo (Korea, Republic of)

A case of epilepsy with seizures provoked exclusively by writing in Japanese and using sign language

Speaker: Alexandra Belyakova-Bodina (Russian Federation)

Epilepsy care quality measures use in our specialist neurology outpatient clinics - a review of compliance rates, association with adverse epilepsy related hospitalization and seizure rates, and quality improvement interventions in a tertiary hospital in Singapore

Speaker: Randy Poon Jun Yuan (Singapore)

Management of seizures and epilepsy in patients with vascular risk factors

Speaker: Gordana Kiteva-Trenchevska (Macedonia, the Former Yugoslav Republic of)

Evaluation of patients after transient loss of consciousness in the emergency department

Speaker: Ruta Mameniskiė (Lithuania)

The accuracy of the seizure description inferred from patient history and its related factors

Speaker: Hui Gao (China)

Efficacy of ketogenic diet in adults and adolescents with uncontrolled epilepsy: a prospective open label non-randomized trial

Speaker: Dhanashri Khedekar (India)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Basic sciences 1

Morphological substrates of seizure onset zone in patients with post-hemorrhagic stroke epilepsy: histological and immunohistochemical studies on surgically resected cerebral tissue

Speaker: Hajime Miyata (Japan)

Effect of newer Anti-Epileptic Drugs (AEDs) on cognitive status in a zebrafish model of acute seizure

Speaker: Brandon Choo Kar Meng (Malaysia)

The impact of loss of feed-forward inhibition in the thalamo-cortical network of a mouse model of absence epilepsy

Speaker: Beulah Leitch (New Zealand)

The proposed multimodal mechanism of action of cannabidiol (CBD) in epilepsy: modulation of intracellular calcium and adenosine-mediated signalling

Speaker: Colin G Stott (United Kingdom)

Zebrafish model for acute and chronic seizure induced cognitive dysfunction

Speaker: Mohd. Farooq Shaikh (Malaysia)

Pilocarpine modulates HMGB1 expression in a newly developed model of chronic seizure in zebrafish

Speaker: Yam Nath Paudel (Malaysia)

The influence of the long term treatment with a new potent anticonvulsant hybrid compound derived from 2-(2,5-dioxopyrrolidin-1-yl) propanamide and lacosamide, a third-generation antiepileptic drug on neuroprotection and neurogenesis in mice

Speaker: Marta Andres-Mach (Poland)

The early oscillatory activity in human iPSC-derived neurons

Speaker: Filip Rosa (Germany)

A pharmacokinetic approach to herb-drug interaction between *Gastrodiae Rhizoma* and carbamazepine in a model of rats

Speaker: Ka Lai Yip (Hong Kong)

An acute swine model for reproduction of human neocortical seizures: for a preclinical trial circumstance to validate a developing neuroprosthetic device

Speaker: Ting-Hsiang Liao (Taiwan, Republic of China)

Automated interactive tool for reliable seizure detection in rat and mouse models of genetic and acquired epilepsies

Speaker: Armen Sargsyan (Australia)

Effect of memantine on pentylenetetrazole-induced seizures in animal model of cortical malformation

Speaker: Maria Elisa Calcagnotto (Brazil)

Scientific Programme

Low doses of perampanel protect striatal and hippocampal neurons against in vitro ischemia and preserve neurophysiological memory

Speaker: Elena Nardi Cesarini (Italy)

Inhibition of miRNA-129-2-3p increases risk of seizure induction in developing brain

Speaker: Petra Bencurova (Czech Republic)

Receptor trafficking and altered expression of cation-chloride cotransporter during prolonged status epilepticus

Speaker: Soojin Park (Korea, Republic of)

Other
10:00 - 17:00

Poster Area

Clinical neurophysiology 1

Quantitative differentiation of ictal activity and chewing artifact in long-term EEG monitoring

Speaker: Mikhail Sinkin (Russian Federation)

Clinical predictors for abnormal EEG results among the hospitalized patients who have altered mental status

Speaker: Wikrom Warunyuwong (Thailand)

Increase in interictal spike frequency as a feature of brain region engagement in hippocampal dependent tasks

Speaker: Umesh Vivekananda (United Kingdom)

Correlation of EEG findings in Anti-NMDA-R encephalitis with disease severity, disease stage and patient outcomes in a tertiary hospital in the Philippines

Speaker: Franchesca Gabriel (Philippines)

Continuous EEG monitoring in Australia: a first year audit of practice 2018 of a combined hospital epilepsy program in Melbourne

Speaker: Joshua Laing (Australia)

Detection of fast (40-150 Hz) oscillations from the ictal scalp EEG data of myoclonic seizures in pediatric patients

Speaker: Katsuhiko Kobayashi (Japan)

EEG source imaging concordance with stereotactic and subdural EEG

Speaker: Benjamin Cox (United States)

Predictive values and specificity of electroencephalographic findings in autoimmune encephalitis

Speaker: Chusak Limotai (Thailand)

Active direct current shifts in intractable partial epilepsy was endorsed by pathological abnormality

Speaker: Tamaki Kobayashi (Japan)

Phenotype-genotype association in Benign adult familial myoclonus epilepsy (BAFME): eeg findings vs. repeat length

Speaker: Maya Tojima (Japan)

Scientific Programme

Machine learning for epileptic focus detection using multiband entropy-based feature-extraction method in patients with focal cortical dysplasia

Speaker: Hidenori Sugano (Japan)

Development of automated routine EEG analysis software

Speaker: Hunmin Kim (Korea, Republic of)

EEG biomarker detection and channel classification framework

Speaker: Jan Cimbalnik (Czech Republic)

Improved scalp EEG analysis for seizure lateralization derived from foramen ovale intracranial electrode recordings

Speaker: Vadym Gnatkovsky (Italy)

Analysis of phase-amplitude coupling between fast and slow oscillations in scalp electroencephalography: comparison with focal and generalized onset epileptic spasms

Speaker: Yasushi Iimura (Japan)

Other
10:00 - 17:00

Poster Area

Comorbidities 1

Clinical features and predictors of depression in people with epilepsy (PWE)

Speaker: Richard Shek Kwan Chang (Hong Kong)

Soluble epoxide hydrolase inhibitor (sEHI) attenuates seizures and epilepsy-associated depressive behaviors via anti-inflammatory and neuroprotective effects

Speaker: Weifeng Peng (China)

Insomnia in people with epilepsy: association between insomnia symptom severity and disease-related characteristics

Speaker: Thapaee Somboon (Thailand)

The relation between enzyme-inducing antiepileptic drugs and vitamin D status, first interim analysis

Speaker: Tassanai Intravooth (Germany)

Paraneoplastic neurological syndrome(PNS): a retrospective study in a single tertiary neurology centre in Malaysia

Speaker: Sow Kuan Tee (Malaysia)

The role of sleep quality on social adjustment in people with epilepsy

Speaker: Kette Valente (Brazil)

The efficacy of different intensified regimens in HIV-negative adults with tuberculous meningitis in West China: a retrospective observational study

Speaker: Ammar Taha Abdullah Abdulaziz (China)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Drug therapy 1

Vitamin B6 supplementation for levetiracetam-induced behavioral side effects in Japanese patients with childhood-onset epilepsy

Speaker: Yukiko Mogami (Japan)

Safety and efficacy of adjunctive lacosamide in Chinese and Japanese adult epilepsy patients with focal seizures: interim data from an open-label extension trial

Speaker: Yushi Inoue (Japan)

Haruan (*Channa striatus*) extract modulates post-seizure inflammatory response in a zebrafish model

Speaker: Vanessa Lin Lin Lee (Malaysia)

Long-term safety and efficacy of add-on cannabidiol (CBD) treatment in patients with Dravet syndrome in an open-label extension trial (GWPCARE5)

Speaker: Rima Nabhout (France)

Long-term safety and efficacy of add-on cannabidiol (CBD) treatment in patients with Lennox-Gastaut syndrome in an open-label extension trial (GWPCARE5)

Speaker: Richard Chin (United Kingdom)

Time to onset of efficacy of cannabidiol (CBD) during titration in patients with Lennox-Gastaut syndrome or Dravet syndrome enrolled in three randomised controlled trials

Speaker: Maria Mazurkiewicz-Beldzinska (Poland)

Effects of enzyme-inducing antiepileptic drugs for the bone densities of individuals with severe motor and intellectual disabilities

Speaker: Takashi Ichiyama (Japan)

PF-06372865, an $\alpha 2/3/5$ -subtype selective GABA_A partial positive allosteric modulator has promising efficacy in the photosensitivity model

Speaker: Jacqueline French (United States)

Subgroup analysis on outcomes of adjunctive brivaracetam in levetiracetam-experienced and levetiracetam-naïve patients in a real-world setting: second interim analysis of the non-interventional, observational, multinational BASE study

Speaker: Bernhard Steinhoff (Germany)

Assessment of the correlations of perampanel concentrations in saliva and plasma in patients with epilepsy

Speaker: Eun Young Kim (Korea, Republic of)

First-line perampanel added to monotherapy in patients with partial-onset seizures, with or without secondary generalised seizures: a multicentre, open-label, prospective cohort study

Speaker: Dong Wook Kim (Korea, Republic of)

Scientific Programme

Long-term rufinamide efficacy and association with phenotype and genotype in children with intractable epilepsy: a retrospective single center study

Speaker: Xiuhua Bozarth (United States)

Efficacy and tolerability of add-on perampanel in pharmacoresistant epilepsy: a 48-week longitudinal study

Speaker: Sung-Pa Park (Korea, Republic of)

Perampanel real world experience: efficacy and safety in indian patients with uncontrolled epilepsy

Speaker: Vinay Kumar Agarwal, (India)

Effect of Ocimum sanctum on kindling model of epilepsy in comparison to levetiracetam

Speaker: Sudhir Chandra Sarangi (India)

Treatment with Z944, a T-type calcium channel antagonist, reduces pharmacoresistance to anti-seizure drugs in a rat model of drug-resistant temporal lobe epilepsy

Speaker: Pablo Casillas-Espinosa (Australia)

Efficacy and usefulness of lacosamide in early add-on and monotherapy for patients with epilepsy

Speaker: Tomohiro Yamazoe (Japan)

Inhaled alprazolam rapidly suppresses epileptic activity in photosensitive patients

Speaker: Jacqueline French (United States)

Factor related to cerebellar atrophy in epilepsy patients

Speaker: Tanita Sangpeamsook (Thailand)

Drug-drug interaction studies (DDIs) with coadministration of cannabidiol (CBD) and clobazam (CLB), valproate (VPA), stiripentol (STP), or midazolam (MDZ) in healthy volunteers (HVTs) and adults with epilepsy

Speaker: Gilmour Morrison (United Kingdom)

Effect of antiepileptic drugs on sexual and reproductive endocrine function in men with epilepsy

Speaker: Parampreet Kharbanda (India)

The long-term effects of dibenzazepines on plasma sodium and lipid concentrations, blood cell count and liver function: a real-world, retrospective comparison of carbamazepine, oxcarbazepine and eslicarbazepine acetate

Speaker: Miguel Ley (Spain)

Long-term retention on adjunctive brivaracetam in adults with focal seizures previously exposed to carbamazepine, lamotrigine, levetiracetam or topiramate: a post-hoc analysis

Speaker: Cédric Laloyaux (Belgium)

Risk of anti-epileptic drug related adverse effects in veterans with medically refractory epilepsy

Speaker: Alexander Crossley (United States)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Epidemiology 1

Aetiology of first onset seizures in life presenting in the medical emergency room: remember psychogenic non-epileptic seizures too in the list

Speaker: SOAHAM DESAI (India)

Epilepsy-related deaths are a major public health problem: results from a national study using linked administrative health data to determine the burden of epilepsy-related deaths and the proportion that are potentially avoidable

Speaker: Gashirai K Mbizvo (United Kingdom)

Epidemiological characteristics on infantile spasms in upper and lower Egypt

Speaker: Ibrahim Shoukry (Egypt)

Prevalence of adult epilepsy in a general Japanese population: the Hisayama study

Speaker: Akihiro Tanaka (Japan)

Validation of the Indian version of Neurological Disorders Depression Inventory for Epilepsy (NDDI-E)

Speaker: Haroon Rashid (India)

Socioeconomic and demographic factors associated with all-cause mortality among incident cases of epilepsy in Saskatchewan, Canada

Speaker: Lizbeth Hernandez Ronquillo (Canada)

Incidence and prevalence of epilepsy and childhood epileptic syndromes in a medical program

Speaker: Marina Aberastury (Argentina)

Other
10:00 - 17:00

Poster Area

Epilepsy in severely resource-restricted settings 1

Establishment of Clinical Practice Guideline (CPG) to optimizing the pediatric seizure patients' routine investigation in limited resources country

Speaker: Vitchayaporn Emarach Saengow (Thailand)

Survey on public awareness, understanding, and attitude toward epilepsy in the Garze Tibetan Autonomous Prefecture

Speaker: Dong Zhou (China)

Long-term patient outcomes from an epilepsy outreach clinic in India

Speaker: Chintan Prajapati (India)

Symptomatic seizure and epilepsy after anterior circulation ischemic stroke at Siriraj hospital, a tertiary hospital in Thailand

Speaker: Pornsawan Mekhasingharak (Thailand)

Scientific Programme

EEG abnormalities in critically ill children admitted to a pediatric intensive care unit in North India and their diagnostic, therapeutic and prognostic implications

Speaker: Prateek Kumar Panda (India)

Challenges in providing Ketogenic Dietary therapies in treatment of childhood drug resistant epilepsy to caregivers with low level of literacy and poor socioeconomic status in resource constrained settings and the innovative measures adapted to overcome these hurdles in a North Indian teaching hospital over last twelve years

Speaker: Prateek Kumar Panda (India)

Other
10:00 - 17:00

Poster Area

Epilepsy surgery 1

Surgical treatment patients with drug-resistant unilateral MR-positive temporal forms of epilepsy

Speaker: Mikhail Sinkin (Russian Federation)

Underutilization of epilepsy surgery in ASEAN

Speaker: Minh-An Thuy Le (Viet Nam)

Seizure outcomes after surgical treatment in frontal lobe epilepsy

Speaker: Worakanya Thongnuch (Thailand)

Cost effectiveness analysis of epilepsy surgery in children and adolescents with drug resistant focal epilepsy in a tertiary care university hospital in Thailand

Speaker: Kingthong Anurat (Thailand)

Appropriating surgical intervention in mesial temporal-lobe epilepsy patients: comparison of parameters influencing timing of surgery in patients with epilepsies with different evidence levels for surgery

Speaker: Koji Iida (Japan)

The association between seizure outcome and interpersonal communication skills in vagus nerve stimulation

Speaker: Masaya Katagiri (Japan)

The non-dysplastic temporal pole in patients with drug resistant temporal lobe epilepsy and hippocampal sclerosis: neuropathopathology and clinical aspects

Speaker: Silvia Kochen (Argentina)

Factors influence successful antiepileptic drugs reduction after anterior temporal lobectomy in mesial temporal lobe epilepsy with hippocampal sclerosis

Speaker: Supachai Merdthaisong (Thailand)

Factors affecting neuropsychological outcome for temporal lobe epilepsy with hippocampal sclerosis

Speaker: Pasin Prasongwatana (Thailand)

Scientific Programme

Forty EEG electrode array for long-term video-EEG monitoring

Speaker: Lærke Duncan (Denmark)

Pre-surgical evaluation of stereo EEG recordings with high frequency oscillations

Speaker: Nikita Utyashev (Russian Federation)

Stereoelectroencephalography in child and adults: outcomes and predictive factors in our epilepsy surgery programme

Speaker: Marina Aberastury (Argentina)

Predictive value of preoperative magnetoencephalography (MEG) for seizure outcome in surgery of long term epilepsy associated tumors

Reoperation in failed epilepsy surgery using MEG, neuronavigation and intraoperative MR Imaging

Other
10:00 - 17:00

Poster Area

Genetics 1

Whole exome sequencing in infantile-onset pharmaco-resistant epilepsy: novel mutations and clinically actionable variants

Speaker: Ponghatai Damrongphol (Thailand)

Two cases of a novel missense mutation in the aristaless-related homeobox (ARX) gene presenting with severe epilepsy, psychomotor delay and movement disorders

Speaker: Irina Ivanova (Russian Federation)

A novel SCN2A mutation in neonate presented with lidocaine responsive early-onset epileptic encephalopathy

Speaker: Wiralpat Padungmaneesub (Thailand)

A case report of infant with KCNT1 mutation with MAPCA with successful embolization treatment

Speaker: Tanitnun Paprad (Thailand)

Genetic variants in incident SUDEP cases from a large community-based cohort in China: a whole exon sequencing study

Speaker: Yan Ge (China)

Behind the Seizure™: a no-cost, 125-gene epilepsy panel for pediatric seizure onset between 2 and 4 years

Speaker: Fernanda Leal (United States)

Expanding the clinical spectrum of WWOX encephalopathy

Speaker: Karen Louise Oliver (Australia)

Progressive myoclonic epilepsy as a presentation of spinocerebellar ataxia type 17

Speaker: Apisit Boongird (Thailand)

Scientific Programme

Case report of a Thai patient with new variant of KCNT1 gene mutation in epilepsy of infancy with migrating focal seizure

Speaker: Kamornwan Katanyuwong (Thailand)

Other
10:00 - 17:00

Poster Area

Neuroimaging 1

Imaging of brain metabolism using a novel MRI technique and correlation with FDG-PET

Speaker: David Spencer (United States)

Meta-analysis assessing concordance between the Wada Test and functional magnetic resonance imaging for memory lateralization in temporal lobe epilepsy

Speaker: Andreu Massot-Tarrús (Spain)

Reduction rate, overall reduction of anticonvulsants, and use of sodium-channel blockers predict focal cytotoxic edema of the corpus callosum: a matched case-control MRI analysis

Speaker: Johann Philipp Zöllner (Germany)

Impaired hippocampal functional connectivity in patients with drug-resistant generalized tonic-clonic seizures

Speaker: Zhongyuan Wang (China)

White matter involvement in mild Mesial Temporal Lobe Epilepsy: a cross-sectional and longitudinal MRI study

Speaker: Angelo Labate (Italy)

Machine learning for identifying functional connectivity MRI alterations in temporal lobe epilepsy

Speaker: Taha Gholipour (United States)

Probabilistic mapping of thalamic nuclei atrophy in idiopathic generalised epilepsy

Speaker: Ya-Chin Chen (United Kingdom)

Automated hippocampal segmentation from MRI in paediatric epilepsy patients

Speaker: Sjoerd Vos (United Kingdom)

Multimodal non-invasive evaluation in MRI-negative operculo-insular epilepsy

Speaker: Shan Wang (China)

Eye blink removal of epileptic EEG signal using wavelet method toward epileptogenic zone localization

Speaker: Kheng Seang Lim (Malaysia)

Diagnostic yield of FDG-PET/MRI co-registration in MRI-negative refractory focal epilepsy

Speaker: YAO Ding (China)

Scientific Programme

The gray matter variation of the right temporal pole correlates with the cognitive function in temporal lobe epilepsy patients

Speaker: Yang Cai (China)

[11C] MPDX PET imaging of adenosine A1 receptors in mesial temporal lobe epilepsy patients

Speaker: Motoki Inaji (Japan)

Efficacy of a novel marker of neuroinflammation in focal epilepsy

Speaker: Kuriko Kagitani-Shimono (Japan)

PET-MRI superior to MRI in the diagnostic value of tuberous sclerosis patients with epilepsy

Speaker: Yang Cai (China)

Hippocampal shape alterations are associated with pre- and postsurgical verbal and visual memory deficits in temporal lobe epilepsy

Speaker: Marian Galovic (United Kingdom)

7 Tesla hippocampal subfield analyses in patients with medically refractory epilepsy and hippocampal sclerosis

Other
10:00 - 17:00

Poster Area

Neurostimulation 1

Cerebral blood flow differences between high- vs low-frequency VNS therapy in the epileptic baboon

Speaker: Charles Akos Szabo (United States)

Does vagus nerve stimulation modulate the immune response and the cholinergic anti-inflammatory pathway in a pediatric cohort with drug-resistant epilepsy

Speaker: Daniele Grioni (Italy)

Anticonvulsive effect of anterior thalamic deep brain stimulation in superrefractory status epilepticus crucially depends on active stimulation zone - a single case observation

Speaker: Lukas L Imbach (Switzerland)

Multi-modal intraoperative electrophysiological mapping of the anterior nucleus of the thalamus in refractory epilepsy

Speaker: Lukas L Imbach (Switzerland)

Endopiriform nucleus deep brain stimulation attenuates cobalt wire-induced chronic epilepsy in rats

Speaker: Xiaofeng Yang (China)

Super refractory status epilepticus in a patient with Lafora disease treated with vagus nerve stimulation

Speaker: Barbara Mostacci (Italy)

Hungarian experiences in ANT DBS therapy at University of Pecs

Speaker: Beáta Bóné (Hungary)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Paediatric epileptology 1

A child with reflexogenic atonic seizures: the implication of the mesial frontal area and the frontostriatal tract in producing atonic seizures

Speaker: Richard Tang-Wai (United States)

Vagus nerve stimulation in the pediatric population

Speaker: Ana Suller Marti (Canada)

Benign Focal Epileptiform Discharges of Childhood are not specific patterns for epilepsy

Speaker: Kvaskova Nadezhda (Russian Federation)

In vivo, in vitro and in silico correlations in SCN1A missense mutations

Speaker: Andreea Nissenkorn (Israel)

Can methylprednisolone be used in the treatment of infantile spasms?

Speaker: Tatuana Okhapkina (Russian Federation)

Predictors of drug - resistance in children with epilepsy in Children's Hospital 2

Speaker: Thi Hoang Mai Trang (Viet Nam)

Etiology and clinical characteristic of new-onset seizure presenting as status epilepticus

Speaker: Marija Knezevic Pogancev (Serbia)

Seizure control via immunotherapy in combination with antiepileptic monotherapy in chronic mesial temporal lobe epilepsy (TLE) secondary to limbic encephalitis with antibodies against glutamic acid decarboxylase (GAD): a case report

Speaker: Irina Ivanova (Russian Federation)

Perampanel in children with focal epilepsy: which factors may influence its efficacy?

Speaker: Marina Nikanorova (Denmark)

Unusual cause of genetic refractory epilepsy due to NEXMIF gene (KIAA2022): report of the first case in Argentina

Speaker: Walter Horacio Silva (Argentina)

Adjunctive perampanel in paediatric patients with epilepsy: population pharmacokinetic (PK) and exposure-response analyses

Speaker: Larisa Reyderman (United States)

A triad of infantile spasms, nystagmus and a focal tonic seizure

Speaker: Thuy Minh Thu Nguyen (Viet Nam)

Risk of epilepsy in children with prior febrile seizures: a predictive model

Speaker: Hieu Anh Bui (Viet Nam)

Worldwide short course education programmes in epilepsy for paediatrics - are they effective?

Speaker: Jo Wilmshurst (South Africa)

Scientific Programme

Efficacy of standard, modified and amplitude integrated EEG electrode placement in infants to detect epileptiform abnormalities

Speaker: Sajeesh Parameswaran (India)

Epilepsy with centrotemporal spikes following benign familial neonatal epilepsy resulting from a mutation of SCN2A gene

Speaker: Despoina Mandelenaki (Belgium)

Tolerability of perampanel and effects on executive function in children and adolescents with drug-resistant epilepsy: preliminary result

Speaker: Francesca Felicia Operto (Italy)

Adjunctive perampanel in patients with childhood onset refractory epilepsy in a Korean

Speaker: Hyunji Ahn (Korea, Republic of)

Utility of electroencephalography in the diagnosis of anti-NMDAR encephalitis in toddlers: a case series

Speaker: Priya Tatachar (United States)

Economical impact of epilepsy of children in two epilepsy units of two teaching hospitals in Sri Lanka

Speaker: Loku Marakkala Manurie Mandula Chandraratne (Sri Lanka)

A switch to poly-unsaturated fatty acid based ketogenic diet improves seizure control in patients with refractory epilepsy on the classic ketogenic diet- a retrospective open label trial

Speaker: Dhanashri Khedekar (India)

Following epilepsy in ten years from febrile seizures based on National Registry Data

Speaker: Chung Hyuk Yim (Korea, Republic of)

Epilepsy in a pediatric Down syndrome patient with moyamoya disease: a case report

Speaker: Retno Jayantri Ketaren (Indonesia)

Clinical-electroencephalographic aspects to children with Angelman syndrome

Speaker: Cornelia Calcii (Moldova, Republic of)

Development of comprehensive care program for children and adolescents with epilepsy

Speaker: Raviwan Wttawassamrankul (Thailand)

Comparison of diagnostic efficacy of short term sleep and awake video EEG to detect epileptiform abnormalities in various childhood epilepsy syndromes aged 5-18 years on first EEG recording

Speaker: Sachendra Badal (India)

The importance of long-term epilepsy transition clinics

Speaker: Karen Mabilangan (Canada)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Social issues / Nursing 1

Knowledge level of nurses and midwives about epilepsy and its relation to experience duration and participation in epilepsy seminar at Educational Hospital, Palu, Indonesia

Speaker: Wijoyo Halim (Indonesia)

Attitude and knowledge of epilepsy among teachers and students after educational epilepsy session in Bangkok, Thailand

Speaker: Apimid Rojanawatsirivej (Thailand)

Socioeconomic profile and impact of drug-resistance in an adult cohort from a tertiary care center in South India

Speaker: Aparajita Chatterjee (India)

Burden and quality of life among caregivers of children with epilepsy attending child neurology clinic of a tertiary care center at Eastern Nepal

Speaker: Rita Pokharel (Nepal)

Culture-bound epilepsy? Patients' explanatory models (EMs) about epilepsy in Argentina

Speaker: Silvia Kochen (Argentina)

A survey of epilepsy knowledge, attitudes and practice in school-aged children in Bangkok, Thailand

Speaker: Tidaporn Manmen (Thailand)

Knowledge and attitudes toward epilepsy among Japanese nursing teachers

Speaker: Kiyohito Terada (Japan)

Factors associated with seizure-related motor vehicle accidents among patients with epilepsy in West China

Speaker: Dong Zhou (China)

Improving family education prior to a paediatric epilepsy monitoring unit admission

Speaker: Michelle Kregel Gratton (Canada)

Other
10:00 - 17:00

Poster Area

Status epilepticus 1

Outcome of ketogenic diet therapy in South Indian children with febrile infection related epilepsy syndrome (FIRES)

Speaker: Vinayan Puthenveettil (India)

High short-term status epilepticus associated mortality among children in Kano, Nigeria

Speaker: Umar Sabo (Nigeria)

Scientific Programme

In-hospital mortality of status epilepticus in China: a nationwide assessment

Speaker: Lu Lu (China)

Focal myoclonic status epilepticus in Kozhevnikov-Rasmussen encephalitis

Speaker: Nadezhda Kvaskova (Russian Federation)

Nonconvulsive status epilepticus manifesting as catatonia or stupor: a systematic review

Speaker: Kamiyu Ogyu (Japan)

Predictors of outcomes in status epilepticus

Speaker: Rasitaporn Rasitanon (Thailand)

Status epilepticus in epilepsy monitoring unit (EMU): incidence and predictors

Speaker: Jitupam Baishya (India)

Other
10:00 - 17:00

Poster Area

Women's issues

Treatments for peri-menstrual seizures in catamenial epilepsy

Speaker: Melissa Maguire (United Kingdom)

Comparison of physical fitness, reproductive status and quality of life in women with epilepsy on antiepileptic drugs

Speaker: Sudhir Chandra Sarangi (India)

The prevalence and risk factors of polycystic ovarian syndrome in women with epilepsy in western China

Speaker: Lei Chen (China)

Efficacy and safety of the newest antiepileptic drugs: observations from the Russian Register of Pregnancy and Epilepsy

Speaker: Kristina Yakovleva (Russian Federation)

The association between gestational age and risk of epilepsy: an updated systematic review

Speaker: Wanling Li (China)

Vagus nerve stimulation during pregnancy

Speaker: Ana Suller Marti (Canada)

Female epilepsy from a position of reproductive medicine

Speaker: Galina Odintsova (Russian Federation)

Gender epidemiological aspects of status epilepticus in the female epilepsy

Speaker: Galina Odintsova (Russian Federation)

The characteristics of social adaptation in reproductive-aged women with epilepsy and migraine

Speaker: Galina Odintsova (Russian Federation)

Scientific Programme

Children of mothers with genetic generalized epilepsy with fetal valproate syndrome: a series from a Brazilian epilepsy center

Speaker: Ana Carolina Zetehaku (Brazil)

The relationships between seizure type, seizure frequency and Anti-Mullerian Hormone

Speaker: Wanlin Lai (China)

A registry of maternal and fetal outcomes in pregnant women with epilepsy from Pakistan

Speaker: Qamar Zaman (Pakistan)

Other
10:00 - 17:00

Poster Area

Epilepsy in the elderly

Comparison of new-onset and persistent epilepsy in the elderly

Speaker: Dong Wook Kim (Korea, Republic of)

Visualizing the epileptic activity in post-stroke epilepsy using the postictal subtraction SPECT: sub-analysis of PROgnosis of POrt Stroke Epilepsy (PROPOSE) study

Speaker: Kazuki Fukuma (Japan)

Clinical characteristics associated with non-convulsive seizure in poststroke epilepsy: sub-analysis of PROgnosis of POrt Stroke Epilepsy (PROPOSE) study

Speaker: Shuhei Ikeda (Japan)

PROgnosis of POrt Stroke Epilepsy (PROPOSE) study - baseline data

Speaker: Kazuki Fukuma (Japan)

Neurorehabilitation outcomes of post-stroke patients with and without early post-stroke seizures

Speaker: Francis Fezeu (Germany)

Perampanel as an adjunctive therapy in elderly patients with epilepsy

Speaker: Mei-Yun Cheng (Taiwan, Republic of China)

Seizure incidence and response to anti-epileptic drugs in patients with Alzheimer's disease-associated seizures and epilepsy: a systematic review

Speaker: Anna Marielle Dy (Philippines)

A case of late onset idiopathic generalized epilepsy presenting as de-novo non-convulsive status epilepticus

Speaker: Muhammad Bhatti (United States)

Scientific Programme

11:30 - 12:30

ILAE-YES Exhibition

ILAE-YES Brainstorming Session: Will artificial intelligence and machine learning replace the epileptologist? Computer intelligence in epilepsy

Chairs:

Chair: Vadym Gnatkovsky (Italy)

Integrated: pathophysiology/clinical/social
12:00 - 13:30

Convention Hall

Autoimmune epilepsies - mechanisms, clinical spectra and treatment

Chairs:

Chair: Christian Bien (Germany)

Chair: Sarosh Irani (United Kingdom)

Epilepsy and seizures in systemic autoimmune disorders	12:00 - 12:20
Speaker: Jeffrey Britton (United States)	
Clinical features and seizures semiologies in patients with LGI1, CASPR2 and NMDAR-antibodies	12:20 - 12:40
Speaker: Sarosh Irani (United Kingdom)	
Clinical scoring systems in identifying autoimmune epilepsy and selection of patients for treatment	12:40 - 13:00
Speaker: Andrew McKeon (United States)	
What are NORSE and FIRES?	13:00 - 13:20
Speaker: Russell Dale (Australia)	

Other
12:00 - 14:00

Ballroom AB

Biological rhythms that modulate the risk of seizures

Chairs:

Chair: Aristeia Galanopoulou (United States)

Chair: Christophe Bernard (France)

Rhythms modulating seizure risk in human epilepsies	12:00 - 12:30
Speaker: Maxime Baud (Switzerland)	
Circadian control of seizures and seizure forecasting	12:30 - 13:00
Speaker: Philippa Karoly (Australia)	
Circadian regulation in the pathophysiology and treatment of temporal lobe seizures	13:00 - 13:30
Speaker: Christophe Bernard (France)	
Loss of CLOCK underlies focal epilepsies	13:30 - 14:00
Speaker: Judy Liu (United States)	

Scientific Programme

Paediatrics
12:00 - 13:30

Lotus 1-4

Small patients - big challenges: neonatal seizures

Chairs:

Chair: Suwannee Phancharoen (Thailand)

Chair: Ronit Pressler (United Kingdom)

Neonatal seizures - gaps in knowledge	12:00 - 12:22
Speaker: Stéphane Auvin (France)	
ILAE classification of neonatal seizures	12:22 - 12:44
Speaker: Ronit Pressler (United Kingdom)	
Update of neonatal seizure guidelines	12:44 - 13:06
Speaker: Hans Hartmann (Germany)	
Treatment of neonatal seizures, where are we now?	13:06 - 13:28
Speaker: Angelina Kakooza (Uganda)	

Clinical
12:00 - 13:30

Lotus 5-7

Key neuropsychiatric issues in epilepsy in a neurological clinical setting

Chairs:

Chair: Kousuke Kanemoto (Japan)

Chair: Michael Kerr (United Kingdom)

Clinical assessment of the key psychiatric comorbidities in adults with epilepsy	12:00 - 12:22
Speaker: Michael Kerr (United Kingdom)	
Clinical assessment of the key psychiatric comorbidities in children with epilepsy	12:22 - 12:44
Speaker: Kette Valente (Brazil)	
Suicide in epilepsy - from ideation to planning - how can a neurologist address and help to prevent?	12:44 - 13:06
Speaker: Jakob Christensen (Denmark)	
Treating psychiatric disorders in people with epilepsy: what do we really know?	13:06 - 13:28
Speaker: Kousuke Kanemoto (Japan)	

Social Issues
12:00 - 13:30

Ballroom C

Making an impact by empowering persons with epilepsy

Chairs:

Chair: Mary Secco (Canada)

Chair: Francesca Sofia (Italy)

Scientific Programme

I am an advocate Speaker: Shenaz Haveliwala (India)	12:00 - 12:22
The power of engagement campaigns Speaker: Philip Gattone (United States)	12:22 - 12:44
Impact of partnering for research Speaker: Francesca Sofia (Italy)	12:44 - 13:06
Impacting policy and legislation Speaker: Meredith Fendt-Newlin (Switzerland)	13:06 - 13:28

Other
15:00 - 15:30

Ballroom AB

'Epileptic Disorders' Educational Prize

Chairs:

Chair: Alexis Arzimanoglou (France)
Chair: Sándor Beniczky (Denmark)

Epileptic seizure semiology in different age groups Speaker: Guadalupe Fernandez-Baca Vaca (United States)	15:00 - 15:10
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Other
15:00 - 15:30

Lotus 5-7

'Epilepsia' Prize - Basic Science

Chairs:

Chair: Astrid Nehlig (France)
Chair: Michael Sperling (United States)

Corpus callosum low-frequency stimulation suppresses seizures in an acute rat model of focal cortical seizures Speaker: Nicholas Couturier (United States)	15:00 - 15:20
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Paediatrics
15:30 - 16:30

Convention Hall

Paediatrics 1

Chairs:

Chair: Jo Wilmshurst (South Africa)
Chair: Marilisa Guerreiro (Brazil)

Translation and validation of the Thai version of health-related quality of life measure for children with epilepsy (CHEQOL-25) Speaker: Natcha Lueangapong (Thailand)	15:30 - 15:45
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Scientific Programme

Memory impairments in children with new-onset localization related epilepsy	15:45 - 16:00
Speaker: Carolina Ciumas (France)	
Prevention of epilepsy and its comorbidities in tuberous sclerosis complex	16:00 - 16:15
Speaker: Lieven Lagae (Belgium)	
Azathioprine therapy in Rasmussen syndrome: a single-centre experience	16:15 - 16:30
Speaker: Serena Pellegrin (Italy)	

Clinical
15:30 - 16:30

Ballroom AB

Comorbidities

Chairs:

Chair: Yotin Chinvarun (Thailand)
Chair: Reetta Kälviäinen (Finland)

Between neurology and psychiatry's frontiers: a neuroimaging volumetric study of mesial temporal lobe epilepsy with hippocampal sclerosis and comorbid lifetime depression	15:30 - 15:45
Speaker: Nathália Stela Visoná de Figueiredo (Brazil)	
Statin treatment can reduce incidence of early seizure in acute ischemic stroke: a propensity score analysis	15:45 - 16:00
Speaker: Soichiro Matsubara (Japan)	
Profoundly impaired white matter integrity and brain networks in temporal lobe epilepsy with psychosis: a diffusion MRI study	16:00 - 16:15
Speaker: Daichi Sone (United Kingdom)	
Prevalence of neuronal autoantibodies in chronic epilepsy	16:15 - 16:30
Speaker: Fernando Cendes (Brazil)	

Other
15:30 - 16:30

Lotus 1-4

Neurophysiology

Chairs:

Chair: Jaideep Kapur (United States)
Chair: Richard Wennberg (Canada)

Contribution of cognitive tasks to routine EEG	15:30 - 15:45
Speaker: Patricia Braga (Uruguay)	
EEG as a prognostic marker in autoimmune encephalitis	15:45 - 16:00
Speaker: Poornima Narayanan Nambiar (India)	
Intrinsic electrophysiological property and seizure network of hypothalamic hamartoma in vivo	16:00 - 16:15
Speaker: Di Wang (China)	

Scientific Programme

Seizure semiology and EEG features in limbic encephalitis with anti-LGI1 antibodies: a multicenter observational cohort study **16:15 - 16:30**
Speaker: Sara Matricardi (Italy)

Other
15:30 - 16:30

Lotus 5-7

Psychosocial issues 1

Chairs:

Chair: Lilia Nuñez (Mexico)
Chair: Li Min Li (Brazil)

Quality indicators for epilepsy management in China: the development of a tool to improve care **15:30 - 15:45**
Speaker: Weixi Xiong (China)

Mindfulness-based intervention to promote psychological wellbeing in people with epilepsy (PWE): a preliminary report of a randomized crossover study **15:45 - 16:00**
Speaker: Siew Tim Lai (Malaysia)

Prevalence and incidence of epilepsy in three regions of Nigeria: a cross-sectional door-to-door survey **16:00 - 16:15**
Speaker: Musa Mamman Wabila (United Kingdom)

Availability of antiepileptic drugs: international survey from the ILAE Access to Treatment Task Force **16:15 - 16:30**
Speaker: Virginia Pironi (Italy)

Other
15:30 - 16:30

Ballroom C

Genetics 1

Chairs:

Chair: Sanjay Sisodiya (United Kingdom)
Chair: Danielle Andrade (Canada)

Genetic landscape of malformations of cortical development with refractory epilepsy in Taiwan **15:30 - 15:45**
Speaker: Yo-Tsen Liu (Taiwan, Republic of China)

Repeat expansion disorders enriched in an Australian and New Zealand Epi25 Year 1 epilepsy cohort **15:45 - 16:00**
Speaker: Mark F Bennett (Australia)

Generalized tonic seizures with autonomic signs are the hallmark of SCN8A developmental and epileptic encephalopathy **16:00 - 16:15**
Speaker: Marina Trivisano (Italy)

Genetic heterogeneity in Landau-Kleffner syndrome **16:15 - 16:30**
Speaker: Adeline Ngho (United Kingdom)

Scientific Programme

16:30 - 17:30

ILAE-YES Exhibition

ILAE-YES Career Development Session: How to write an effective abstract

Chairs:

Chair: Sjoerd Vos (United Kingdom)

Other

17:00 - 18:30

Convention Hall

Individualized medicine for persons with epilepsy and intellectual disability - are we already there?

Among persons with epilepsy, those with an intellectual disability (ID) constitute an important sub-population. There is a wide agreement that they have special needs that are nowadays often insufficiently catered for (Kerr, Linehan et al. 2014). The course of epilepsy is often quite severe in these patients, sensitivity to antiepileptic drug side effects is high, and there is a burden of behavioral comorbidities (Kerr, Linehan et al. 2016). On the other hand, there has been major progress in diagnostic methods, e.g. in genetics, and therapeutic approaches build on these improvements. We work currently between two poles: Do we see persons with epilepsy and ID as a rather homogeneous group, or have we already achieved a personalized approach, or is it something in between?

Members of the ILAE ID task force will address topics with impulse lectures and open a discussion with the auditory. Panelists, also from the ID task force, will facilitate the discussion. We can build on the experience from previous symposia at international meetings which have regularly attracted a number of experts with a special interest in ID. This will lead to a broad discussion and enable an exchange of knowledge influencing the participants' clinical practice.

Chairs:

Chair: Christian Brandt (Germany)

Chair: Michael Kerr (United Kingdom)

General needs of persons with epilepsy and ID: AED treatment	17:00 - 17:18
Speaker: Francis Tan (Netherlands)	
General needs of persons with epilepsy and ID: behavioral issues	17:18 - 17:36
Speaker: Kousuke Kanemoto (Japan)	
First steps to personalized drug treatment in persons with epilepsy and ID	17:36 - 17:54
Speaker: Christian Brandt (Germany)	
Epilepsy surgery in persons with ID is personalized treatment	17:54 - 18:12
Speaker: Candan Gurses (Turkey)	
Panel	18:12 - 18:30
Speaker: Danielle Andrade (Canada)	
Speaker: Laura Guilhoto (Brazil)	
Speaker: Michael Kerr (United Kingdom)	

Scientific Programme

Other
17:00 - 18:00

Ballroom AB

Women issues

Chairs:

Chair: Kimford Meador (United States)

Chair: Sanjeev Thomas (India)

Case: A case of resistant Juvenile myoclonic epilepsy in a women of child-bearing age group **17:00 - 17:18**

Speaker: Ravish Keni (India)

Case: Severe seizure worsening in the peri-partum and post-partum period in a patient with juvenile myoclonic epilepsy **17:18 - 17:36**

Speaker: Barbara Mostacci (Italy)

Case: Pharmacological treatment of young female patient with epilepsy and bipolar disorder **17:36 - 17:48**

Speaker: Gordana Kiteva-Trenchevska (Macedonia, the Former Yugoslav Republic of)

Other
17:00 - 18:00

Lotus 1-4

Should laser interstitial thermal ablation be the treatment of first choice for patients with mesial temporal sclerosis?

Chairs:

Chair: Shih Hui Lim (Singapore)

Yes **17:00 - 17:30**

Speaker: Michael Sperling (United States)

No **17:30 - 18:00**

Speaker: Mario Alonso Vanegas (Mexico)

Other
17:00 - 18:00

Lotus 5-7

Can we rely upon fMRI to localize language and memory when planning epilepsy surgery?

Have put the Debates as 'Other' category

Chairs:

Chair: Graeme Jackson (Australia)

Yes **17:00 - 17:20**

Speaker: Paolo Federico (Canada)

No **17:20 - 17:40**

Speaker: Meneka Sidhu (United Kingdom)

Scientific Programme

Social Issues
17:00 - 18:30

Ballroom C

Advocacy for epilepsy policies and programmes

Speakers in this session will talk about advocacy to increase funding for epilepsy services, and adoption of better policies for people with epilepsy. They will share information about strategies, synergies and challenges. Information will be shared about how other regions have managed to scale up services for people with epilepsy.

Chairs:

Chair: Jacob Mugumbate (Australia)

Strategies for advocacy	17:00 - 17:22
Speaker: Mary Secco (Canada)	
Research evidence supporting advocacy	17:22 - 17:44
Speaker: Ding Ding (China)	
Targeting policy makers	17:44 - 18:06
Speaker: Philip Gattone (United States)	
How to get funding for your programs	18:06 - 18:28
Speaker: Graeme Shears (Australia)	

Scientific Programme

Monday, 24 June 2019

Other
08:00 - 09:30

Convention Hall

Novel insights into NMDA receptors in epilepsy: exciting times ahead

Traditionally, NMDA-receptor overactivation was thought to cause seizures. This simplistic view is being challenged by emerging evidence from both clinical and basic science pointing to an ictogenic potential of NMDA-receptor hypofunction. This forum will explore this paradigm shift with recent evidence from neuroimaging, genetics, immunology, and basic science. During the discussion we will seek to determine future directions to develop a unified framework of the dual role of NMDA-receptors in ictogenesis and epileptogenesis.

Chairs:

Chair: Matthias Koepp (United Kingdom)

GRIN genes affecting patient variants analyzed in 3D protein structure context	08:00 - 08:22
Speaker: Dennis Lal (Germany)	
NMDA receptors in ictogenesis, epileptogenesis and seizure-related neuronal death - a double-edged sword	08:22 - 08:44
Speaker: Matthew Walker (United Kingdom)	
Imaging NMDA receptors in-vivo in people with epilepsy	08:44 - 09:06
Speaker: Marian Galovic (United Kingdom)	
Clinical and laboratory evidence for NMDA receptor specific modulation by NMDAR-antibodies	09:06 - 09:28
Speaker: Sarosh Irani (United Kingdom)	

Other
08:00 - 09:30

Ballroom AB

Video session: is this epilepsy or not?

Video-session: is this epilepsy or not?	08:00 - 09:30
Speaker: Jo Wilmshurst (South Africa)	
Speaker: Hal Blumenfeld (United States)	
Speaker: Ivan Rektor (Czech Republic)	

Other
08:00 - 09:30

Lotus 1-4

Autoimmune epilepsy - clinical diagnosis and treatment: a practical approach

Chairs:

Chair: Jeffrey Britton (United States)

Clinical clues	08:00 - 08:22
Speaker: Avi Gadoth (Israel)	

Scientific Programme

EEG features Speaker: Xia-Qui Shao (China)	08:22 - 08:44
Radiologic findings Speaker: Andrew McKeon (United States)	08:44 - 09:06
What's the score? Aids to diagnosis and treatment Speaker: Jeffrey Britton (United States)	09:06 - 09:28

Other
08:00 - 09:30

Lotus 5-7

EEG source imaging - part two: hands-on

There is no additional charge for this course, but places on this course must be booked in advance. Booking is available via the congress registration system and more information on the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>. This course is supported by an unrestricted educational grant from Besa. The company has no input in the structure or content of, or speakers at, the teaching course.

EEG source imaging - part two: hands-on Speaker: Stefan Rampp (Germany) Speaker: Sándor Beniczky (Denmark)	08:00 - 09:30
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Other
08:00 - 09:30

Ballroom C

ILAE North America - Gaps and opportunities for collaboration (education, care, research, global health) in the region

This will be a session where we will examine cross regional collaborations and initiatives in the areas of education, care, research and global health. The speakers will address gaps in the North American region (all 3 chapters) and opportunities for cross chapter collaboration.

Chairs:

Chair: Nathalie Jette (United States)

Epilepsy education in the North American region - existing opportunities Speaker: Jaideep Kapur (United States)	08:00 - 08:22
Epilepsy care - current state in the region and gaps to be filled Speaker: Amza Ali (Jamaica)	08:22 - 08:44
Epilepsy research in North America - how to enhance collaborative initiatives Speaker: Samuel Wiebe (Canada)	08:44 - 09:06
Global health in epilepsy - the North American experience Speaker: Karen Parko (United States)	09:06 - 09:28

Scientific Programme

Clinical
09:30 - 11:30

Convention Hall

Infection, inflammation and epilepsy

Chairs:

Chair: Jeffrey Britton (United States)

The clinical diagnosis of autoimmune encephalopathies	09:30 - 10:00
Speaker: Christian Bien (Germany)	
Humoral factors in the pathophysiology of seizures and status epilepticus	10:00 - 10:30
Speaker: Angela Vincent (United Kingdom)	
Infections and autoimmunity in epilepsy	10:30 - 11:00
Speaker: Russell Dale (Australia)	
Treatment options in autoimmune epilepsy syndromes	11:00 - 11:30
Speaker: Andrew McKeon (United States)	

Integrated: pathophysiology/clinical/social
09:30 - 11:30

Lotus 1-4

Challenges and solutions in providing epilepsy care

Chairs:

Chair: Ernest Somerville (Australia)

State of the art, have we moved forward?	09:30 - 10:00
Speaker: Martin Brodie (United Kingdom)	
It really is more than seizures	10:00 - 10:30
Speaker: Kousuke Kanemoto (Japan)	
You're drug resistant... now what?	10:30 - 11:00
Speaker: Ernest Somerville (Australia)	
Moving beyond the clinic	11:00 - 11:30
Speaker: Mary Secco (Canada)	

Other
10:00 - 17:00

Poster Area

Adult epileptology 2

Clinical manifestations and treatments of patients with non-ketotic hyperglycemia related seizures
Speaker: Weixiong Shi (China)
From patients' e-Registry - to Electronic Medical Records (EMR) and Electronic Health Records (EHRs) - e-Health technologies for epilepsy follow-up management in Georgia
Speaker: Sofia Kasradze (Georgia)

Scientific Programme

The clinical features and immunotherapy outcomes of glutamic acid decarboxylase 65 antibody associated neurological disorders

Speaker: Chengyu Li (China)

Pharmacoresistant epilepsy in Dyke Davidson Masson syndrome: a case report

Speaker: Jennifer Simca (Indonesia)

Eye deviation is a reliable indicator for assisting epilepsy diagnosis

Speaker: Yi-Wen Pan (China)

Sleep-wake cycle and daytime activity in patients affected by epilepsy and the effect of Perampanel as first add-on treatment

Speaker: Claudio Liguori (Italy)

Modified Atkins diet in treatment of adult patients with refractory epilepsy: the experience of a portuguese tertiary centre

Speaker: Raquel Samões (Portugal)

A prospective, longitudinal study of AMPA-antagonist in Chinese patients with refractory epilepsy

Speaker: Ka Lai Yip (Hong Kong)

Uncontrolled seizures in MRI-negative temporal lobe epilepsy

Speaker: Astri Budikayanti (Indonesia)

Short duration of focal onset awareness and impaired awareness seizure are characteristic features of epilepsy in elderly patients

Speaker: Ayataka Fujimoto (Japan)

Focal reflex epilepsy induced by playing oriental card game

Speaker: Daeyoung Kim (Korea, Republic of)

Gastroesophageal Reflux (GER) Related Non Rapid Eye Movement (NREM) parasomnia mimicking sleep related hypermotor epilepsy (SHE)

Speaker: Tatiana Pushkar (Russian Federation)

Epilepsy and driving in Greece

Speaker: Sofia Markoula (Greece)

Clinical features and duration of epilepsy in neurosurgical patients

Speaker: Galina Odintsova (Russian Federation)

Self-resolved of late onset mesial temporal lobe epilepsy: suspicious of sero-negative immune-mediated limbic encephalitis

Speaker: Ranjana Thananuwatsak (Thailand)

Vagal stimulator in adult patients with pharmaco-resistant epilepsy in a public hospital in Argentina: our experience in the last eight years

Speaker: Silvia Kochen (Argentina)

Diagnostic aspects of epileptic attacks in a debut of an ischemic stroke

Speaker: Galina Odintsova (Russian Federation)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Basic sciences 2

Chemogenetics control of neuroexcitability to locally and remotely attenuate 4-aminopyridine induced seizures

Speaker: Xiaofeng Yang (China)

Regional differences in seizure-induced neurodegeneration and endocannabinoid-mediated neuroprotection in the rat hippocampus

Speaker: Elena M. Suleymanova (Russian Federation)

Spines and dendritic abnormalities in different subtypes of FCDs suggest altered anatomical network

Speaker: Laura Rossini (Italy)

The neuroelectrophysiological mechanisms of epileptogenesis induced by focal cortical dysplasia in humans

Speaker: Xiaofeng Yang (China)

Ketone bodies inhibit the opening of acid-sensing ion channels (ASICs) in rat hippocampal excitatory neurons in vitro

Speaker: Fei Zhu (China)

The protective role and mechanism of astrocyte derived neurotrophic factor in pilocarpine epilepsy rat model

Speaker: Lina Zhu (China)

Effect of lacosamide compared to carbamazepine and levetiracetam on reduction of epileptiform activity in the human neocortex and hippocampus in vitro

Speaker: Selvin Zacarias Reyes Garcia (Brazil)

Proechimys rodents from Brazil's Amazon Rainforest: an animal model resistant to post-stroke epilepsy

Speaker: Nancy Nohemi Ortiz-Villatoro (Brazil)

Alterations of the tight junction proteins (claudin-5 and ZO-1) in the microvasculature of temporal neocortex from patients with drug-resistant temporal lobe epilepsy

Speaker: Adacrid Colunga-Durán (Mexico)

Stimulation-induced seizures are rather controllable than electrical afterdischarges: seizure abortion experiment in a newly developed large animal model

Speaker: Cheng-Siu Chang (Taiwan, Republic of China)

Antimuscarinic agent scopolamine exerts a disease-modifying effect in the rat lithium-pilocarpine model of epilepsy

Speaker: Sebastian Meller (Germany)

Electroencephalographic differences in kindling-induced afterdischarges among genetic absence rat models and Wistar rats

Speaker: Ozlem Akman (Turkey)

Altered expression of astrocyte-related receptors and channels correlates with epileptogenesis in hippocampal sclerosis

Speaker: Masayuki Itoh (Japan)

Scientific Programme

Single and synergistic effects of cannabidiol (CBD) and Δ -9-tetrahydrocannabinol (THC) on pentylenetetrazole induced and genetically modified epileptic zebrafish

Speaker: Uday Kundap (Canada)

Expression of the leucine-rich alpha2 glycoprotein in the hippocampus prevents decreased cognitive function after status epilepticus

Speaker: Madoka Nakajima (Japan)

Other
10:00 - 17:00

Poster Area

Clinical neurophysiology 2

Small sharp spikes - benign or epileptic? An analysis of simultaneous scalp and intracranial EEG recordings

Speaker: Nino Epitashvili (Germany)

Automated seizure detection using wearable ECG-device

Speaker: Jesper Jeppesen (Denmark)

Our experience in stereoelectroencephalography and electrical stimulation in a public hospital

Speaker: Silvia Kochen (Argentina)

Importance of resting-state functional connectivity in propagation of focal seizures

Speaker: Taira Uehara (Japan)

Analysis of P300 using MEG and EEG in patients with temporal lobe epilepsy due to hippocampal sclerosis with cognitive correlation

Speaker: Mukheem Mudabbir (India)

Diagnostic added value of recording surface electromyography in epilepsy monitoring unit

Speaker: Cecilie Bøttiger Itenov (Denmark)

Anterior temporal spikes source: a study of simultaneous scalp and intracranial stereo-EEG

Speaker: Kanjana Unnwongse (Germany)

EEG fingerprint provides additional localizing information in focal cortical dysplasia

Speaker: Lingli Hu (China)

Connectivity measures suggests a sub-cortical generator of myoclonus in Angelman syndrome

Speaker: Edoardo Ferlazzo (Italy)

Seizure classification by combination of eye deviation, forced and non-forced head turning may be helpful to identify the ictal onset zone

Speaker: Mitsuyo Nishimura (Japan)

ECG complexity discriminates temporal lobe epilepsy seizures with sudden unexpected falls

Speaker: Irena Dolezalova (Czech Republic)

Scientific Programme

Automated EEG source imaging: a retrospective, blinded clinical validation study

Speaker: Pieter van Mierlo (Belgium)

Automated versus standard procedures for pre-surgical screening of routinely recorded long term EEG

Speaker: Pauly Ossenblok (Netherlands)

Ictal EEG source imaging and connectivity to localize the seizure onset zone in extratemporal lobe epilepsy

Speaker: Pieter van Mierlo (Belgium)

EEG source localization comparing low-density EEG including subtemporal coverage with high density EEG

Speaker: Omar Danoun (United States)

High amplitude, short infraslow activity (SISA) with burst suppression could be closely related to acute seizures in comatose patients

Speaker: Masaya Togo (Japan)

Other
10:00 - 17:00

Poster Area

Comorbidities 2

The role of dopamine transporter intron 8 VNTR polymorphism in the occurrence of depression in temporal lobe epilepsy

Speaker: Ruda Alessi (Brazil)

Cardiac Arrhythmias in Dravet syndrome (CADS): an observational multicentre study

Speaker: Sharon Shmueli (Netherlands)

The relationship of apolipoprotein B with cognitive function in epilepsy patient

Speaker: Lestari Handayani (Indonesia)

The impact of anxiety in social adjustment of patients with juvenile myoclonic epilepsy

Speaker: Kette Valente (Brazil)

Association between depression and other psychiatric comorbidities and impact on the quality of life in patients with drug resistant temporal lobe epilepsy with unilateral hippocampal sclerosis

Speaker: Laura Guilhoto (Brazil)

Severe bone loss in epilepsy associated with chronic use of enzyme-inducing antiepileptic drug

Speaker: Fernando Cendes (Brazil)

Vitamin D supplementation in patients with epilepsy

Speaker: Francisco Sales (Portugal)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Drug therapy 2

Knowledge, expectations and fears of cannabis use of epilepsy patients at a tertiary epilepsy center

Speaker: Christoph Helmstaedter (Germany)

Perampanel does not worsen myoclonic and absence seizures

Speaker: Christian Brandt (Germany)

Evaluation of new multitargeted antiepileptogenic drug combinations in the intrahippocampal kainate mouse model

Speaker: Lisa Welzel (Germany)

Perampanel treatment for refractory status epilepticus in a neurological intensive care unit

Speaker: Chen-Jui Ho (Taiwan, Republic of China)

Efficacy and tolerability of perampanel in the treatment of progressive myoclonus epilepsies. An Italian multicenter observational study

Speaker: Laura Canafoglia (Italy)

The clinical characteristics and related factors of tremor in patients with epilepsy

Speaker: Yingfeng Xiao (China)

Effective antiepileptic drugs for refractory non-lesional focal seizures in children and young adults are different among precise seizure symptoms

Speaker: Kenji Sugai (Japan)

Treatment for epilepsy with continuous spikes and waves during slow-wave sleep in Japan: old and new drugs

Speaker: Hiroko Ikeda (Japan)

Perampanel induced psychiatric adverse events related to human leukocyte antigen subtypes

Speaker: Hyeyeon Chang (Korea, Republic of)

Quality of life and cost of treatment assessment in persons with epilepsy on monotherapy of conventional and newer AEDs

Speaker: Sudhir Chandra Sarangi (India)

"Real life" experience with brivaracetam: findings of a multicentre service evaluation in the United Kingdom

Speaker: Markus Reuber (United Kingdom)

Perampanel in real-world clinical care of patients with epilepsy: retrospective Phase IV study 506

Speaker: Manoj Malhotra (United States)

Study 506 - a retrospective, Phase IV study of perampanel in real-world clinical care of patients with epilepsy: adolescent subgroup (aged 12 to < 18 years)

Speaker: Manoj Malhotra (United States)

Scientific Programme

Asian experience of using perampanel in various subgroup of epilepsy: 1 year following data

Speaker: Hsing-I Chiang (Taiwan, Republic of China)

Efficacy and safety of adjunctive perampanel in Chinese patients with partial-onset seizures or primary generalised tonic-clonic seizures: post hoc analysis of Phase III double-blind and open-label extension studies

Speaker: Liao Weiping (China)

Patients' perspectives on AED withdrawal: survey among individuals who had been seizure-free for over 2 years

Speaker: Emilija Cvetkovska (Macedonia, the Former Yugoslav Republic of)

Persistent treatment effect of cerliponase alfa in children with CLN2 disease: a 3 year update from an ongoing multicenter extension study

Speaker: Nicola Specchio (Italy)

3-acetylaconitine exerts antiepileptic and neuroprotective effects in the early stage of status epilepticus via the downregulation of NR2B expression

Speaker: Tao Chen (China)

Fenobarbital as an option in monotherapy for patients with epilepsy and generalized clonic tonic crises in a public hospital of Quetzaltenango, Guatemala, Central America

Speaker: Victor Bautista (Guatemala)

Efficacy of perampanel in refractory and super-refractory status epilepticus: the evaluation in Asian adult neurological intensive care unit

Speaker: Wei-En Johnny Tseng (Taiwan, Republic of China)

The adverse event profile of eslicarbazepine acetate: a systematic review of randomized controlled trials

Speaker: Xin Lin (China)

A phase 2 trial to explore the potential for a pharmacokinetic drug-drug interaction with stiripentol when in combination with cannabidiol (CBD) in patients with epilepsy

Speaker: Gilmour Morrison (United Kingdom)

Real-world experience in using perampanel (PER) as adjunct therapy in refractory epilepsy

Speaker: Richard Shek Kwan Chang (Hong Kong)

Seizure freedom after initiation of clobazam adjunctive therapy

Speaker: Bassel Abou-Khalil (United States)

Other
10:00 - 17:00

Poster Area

Epidemiology 2

Mortality of epilepsy in Korea

Speaker: Seo-Young Lee (Korea, Republic of)

Scientific Programme

Anti-epileptic drug prescribing and prevalence of epilepsy in New Zealand children

Speaker: Lynette Grant Sadleir (New Zealand)

Geographic barriers to accessing epilepsy surgery

Speaker: Cassie Fehr (Canada)

Depression and suicidal ideation in persons with epilepsy: a prospective observational study

Speaker: Jatinder Katyal (India)

Incidence and prevalence of epilepsy in adults in a medical program of Argentina

Speaker: Marina Aberastury (Argentina)

Influence of climatological parameters on prevalence of epilepsy: an Indian prospective

Speaker: Sudhir Chandra Sarangi (India)

Relevant demographic and clinical features of psychogenic non epileptic seizures and temporal lobe seizures in Guatemalan population

Speaker: Lidia Callejas (Guatemala)

Other
10:00 - 17:00

Poster Area

Epilepsy surgery 2

Presurgical evaluation and surgical outcomes in medically refractory epilepsy and temporal encephalocele

Speaker: Kiran Kanth (United States)

Living with epilepsy: patient perceptions of their epilepsy and its treatment 15 to 20 years after epilepsy surgery

Speaker: Sarah Wilson (Australia)

Long term outcome of epilepsy surgery for drug-resistant epilepsy in Thailand, a single center experience

Speaker: Krittima Asavaveeradech (Thailand)

Mood and anxiety disorder in surgical patients with drug-resistant epilepsy

Speaker: Ryosuke Hanaya (Japan)

Detectability and surgical treatment of temporal lobe epilepsy associated with encephalocele

Speaker: Nazgul Kalybaeva (Russian Federation)

Surgical treatment in patients with periventricular nodular heterotopia-related epilepsy

Speaker: Hsiang-Yu Yu (Taiwan, Republic of China)

Non-lesional focal epilepsies: epileptogenic zone diagnosis using deep electrodes in a high complex public hospital

Speaker: Silvia Kochen (Argentina)

Scientific Programme

Stereoencephalography (SEEG) in children with refractory focal epilepsy in developing countries

Speaker: Piradee Suwanpakdee (Thailand)

Differential prognostic factors for early, intermediate and late seizure recurrence after temporal lobectomy

Speaker: Phopsuk Tansuhaj (Thailand)

Resective surgery of structural pharmacoresistant temporal epilepsy in children: failure outcomes analysis

Speaker: Sofia Popovich (Russian Federation)

MEG language lateralization in temporal lobe epilepsy using dSPM of event related fields correlates with memory decline after anterior temporal resection

Speaker: Ryuzaburo Kochi (Japan)

Prediction of seizure recurrence after epilepsy-surgery using online calculator

Speaker: Anand Diwan (India)

Clinical, imaging and EEG patterns in refractory epilepsy with focal cortical dysplasia and predictors of outcome after surgery

Speaker: Suresh Babu Pasangulapati (India)

Other
10:00 - 17:00

Poster Area

Genetics 2

Medical exome sequencings in childhood severe neurodevelopmental disorder after negative candidate genes analysis

Speaker: Inn-Chi Lee (Taiwan, Republic of China)

Familial adult myoclonic epilepsy, caused by a pentanucleotide repeat TTTCA insertion in SAMD12, in Indian and Sri Lankan families extends the occurrence of this mutation to a wide region of southern Asia

Speaker: Mark F Bennett (Australia)

Epilepsy phenotype in patients with rare de novo DYNC1H1 variants

Speaker: Antonietta Coppola (Italy)

16p13.11 deletion presenting with refractory seizures and post ictal psychosis: a case report

Speaker: Lakshmi Kalband (Australia)

A preliminary study: the positive rate of HLA-B*1502 gene and the incidence of aromatic antiepileptic drug-induced cutaneous adverse reactions in epilepsy patients

Speaker: Xiaoling Wu (China)

Polymorphism in aggression-related genes regulating serotonergic signaling is not associated with the risk for psychiatric side effects of levetiracetam in Siberian patients

Speaker: Kristina Yakovleva (Russian Federation)

Scientific Programme

Possible epigenetic regulatory effect of dysregulated circular RNAs in epilepsy

Speaker: Sang Bin Hong (Korea, Republic of)

Cardiac phenotype in ATP1A3 related-syndromes: a multicentre study

Speaker: Simona Balestrini (United Kingdom)

The clinical diagnosis and identification of genes associated with epilepsy using whole-exome sequencing

Speaker: Tatyana Kozhanova (Russian Federation)

Influence of the polymorphism in CYP2C9, CYP2C19 and MDR1 on risk of development of side effects due to valproic acid in patients with epilepsy

Speaker: Galina Odintsova (Russian Federation)

Other
10:00 - 17:00

Poster Area

Neuroimaging 2

Different patterns of cortical atrophy and surface complexity in patients with unilateral, bilateral and MRI-negative temporal lobe epilepsy

Speaker: Iscia Lopes-Cendes (Brazil)

Altered intrinsic brain activity in frontal lobe epilepsy: associations with outcome

Speaker: Wenyu Liu (China)

Brain grey matter abnormalities associated with myoclonic seizures

Speaker: Stanislav Alexandru Groppa (Moldova, Republic of)

Effect of antiepileptic medications in the functional connectivity of patients with idiopathic generalized epilepsy

Speaker: Karen Fernanda Alves (Brazil)

Predictive morphological reorganization in temporal lobe epilepsy

Speaker: Elisabeth Roggenhofer (Switzerland)

Alterations of cortical surface complexity in first-degree asymptomatic relatives of non-familial-TLE patients

Speaker: Iscia Lopes-Cendes (Brazil)

Dynamic changes of gray matter morphology and intrinsic brain activity following anterior temporal lobectomy for epilepsy

Speaker: Dong Zhou (China)

Grey matter and white matter difference between two non-lesion epilepsy syndromes using voxel wise comparison

Speaker: K Raghavendra (India)

Divergent brain structural changes associated with epileptogenesis: a voxel base morphometry and diffusion tensor imaging study

Speaker: Lei Chen (China)

Scientific Programme

Astrocyte dysfunction induced by abnormal tryptophan metabolism in the pathology of epilepsy

Speaker: Satoka Hashimoto (Japan)

Application of 7T MRI in a cohort of patients with MRI-negative focal epilepsy: a preliminary study

Speaker: Shuang Wang (China)

Non-pathological déjà vu: hippocampal volumes and metabolomic profile

Speaker: Lenka Sakálová (Czech Republic)

Diffuse cerebral lesions on MRI might be the predictor for severe neurological outcomes in children with tuberous sclerosis complex

Speaker: Tohru Okanishi (Japan)

Hydrocephalus in Guillain-Barre syndrome: a case report and review of the literature

Speaker: Ammar Taha Abdullah Abdulaziz (China)

Gender differences of cortical thickness and subcortical gray matter volume among patients with juvenile myoclonic epilepsy (JME)

Speaker: L G Viswanathan (India)

Altered dynamic functional network connectivity in mesial temporal lobe epilepsy

Speaker: Wenye Wu (China)

Lateralization of temporal lobe epilepsy using resting state fMRI and graph analysis

Speaker: Jafar Mehvari Habibabadi (Iran, Islamic Republic of)

Evolution of functional connectivity and dynamic interaction in temporal lobe epilepsy

Speaker: Jafar Mehvari Habibabadi (Iran, Islamic Republic of)

Other
10:00 - 17:00

Poster Area

Neuropsychology 1

Development of an instrument to measure general and seizure-related self-efficacy and mindfulness in people with seizures (SEMPs)

Speaker: Rosa Michaelis (Germany)

One year follow-up cognitive outcomes of pediatric epilepsy surgery across surgeries and ages: a monocenter study in 306 patients of school age

Speaker: Christoph Helmstaedter (Germany)

The impact of clinical epilepsy variables in executive functions in patients with temporal lobe epilepsy caused by hippocampal sclerosis - from childhood to late adulthood

Speaker: Kette Valente (Brazil)

Scientific Programme

Is there a clinical relevance of T- and B-cell activity for cognition and behavior in epilepsy patients with evident or suggested limbic encephalitis?

Speaker: Leelaarporn Pitshaporn (Germany)

Accelerated long-term forgetting with temporal lobe epilepsy: MRI volumetric findings

Speaker: Takahiko Mukaino (Japan)

Role of lifetime depression in cognitive functions of patients with mesial temporal lobe epilepsy and hippocampal sclerosis

Speaker: Nathália Stela Visoná de Figueiredo (Brazil)

Clinical experience with psychogenic non epileptic seizures in children from a tertiary care center in North India

Speaker: Prateek Kumar Panda (India)

Can neuropsychological tests help differentiate insular from mesial temporal epileptic network?

Speaker: Suchart Tangnimitchok (Thailand)

Other
10:00 - 17:00

Poster Area

Neurostimulation 2

Long term seizure outcomes of two children with deep brain stimulation after callosotomy

Speaker: Yen-Cheng Shih (Taiwan, Republic of China)

The optimization of electrical stimulation paradigm for the suppression of seizure activity in an in vivo swine model of neocortical epilepsy

Speaker: Fu-Yuan Shih (Taiwan, Republic of China)

A target for deep brain stimulation activating both hippocampi

Speaker: Mohamad Koubeissi (United States)

Drug resistant epilepsy treated with invasive neuromodulation techniques: King's College Hospital's experience

Speaker: Antonio Valentin (United Kingdom)

The effect of the long-term treatment with vagus nerve stimulation on objective respiratory patterns, and subjective sleep quality and daytime sleepiness in Korean patients with drug-resistant epilepsy

Speaker: Seung Bong Hong (Korea, Republic of)

Sub-acute cortical electrical stimulation (SCS) as a localizing tool during intracranial recordings in patients with refractory epilepsy

Speaker: Antonio Valentin (United Kingdom)

TMS in the epilepsy monitoring unit

Speaker: Robert Helling (Netherlands)

Scientific Programme

Epileptogenic zone diagnosis by means of deep electrical brain stimulation planned from electromagnetic simulations in a real head model. A case report

Speaker: Silvia Kochen (Argentina)

Other
10:00 - 17:00

Poster Area

Paediatric epileptology 2

Prevalence and variables associated with occurrence of seizures in pediatric arterial ischemic stroke

Speaker: Prateek Kumar Panda (India)

Hyperventilation and intermittent photic stimulation to increase the diagnostic yield of EEG recording to detect epileptiform abnormalities: experience from a tertiary care center in North India

Speaker: Sheffali Gulati (India)

Speaker: Prateek Kumar Panda (India)

Sleep disorders in children with epilepsy

Speaker: Cornelia Calcii (Moldova, Republic of)

A clinical pathway of combined EEG monitoring in high-risk critically ill neonates

Speaker: Karen Mabilangan (Canada)

Brain MRI and video EEG patterns in children with drug resistant epilepsy (DRE) and structural etiologies

Speaker: Andrea Andrade (Canada)

Significance of polyspikes on EEG in pediatric focal epilepsy

Speaker: Ara Ko (Korea, Republic of)

Clinical predictors for drug resistance epilepsy in children

Speaker: Kasama Bhudhisawasdi (Thailand)

Incidence and prognostic factors of seizures after craniotomy for brain tumor resection in children

Speaker: Nunthasiri Wittayanakorn (Thailand)

Safety and efficacy of adjunctive perampanel in younger (aged 4 to < 7 years) and older (7 to < 12 years) paediatric patients with partial-onset seizures (POS) or primary generalised tonic-clonic seizures (PGTCS): final results from the 311 Core Study

Speaker: Andras Fogarasi (Hungary)

Perfusion-related magnetic resonance image changes after acute seizure in children

Speaker: Sung Min Lim (Korea, Republic of)

Anticonvulsant drug actions in a rat model of birth asphyxia

Speaker: Marie Johnne (Germany)

Scientific Programme

Study 506 - a retrospective, Phase IV study of perampanel in real-world clinical care of patients with epilepsy: paediatric subgroup (aged < 12 years)

Speaker: Manoj Malhotra (United States)

The alteration of brain connectivity in patients with frontal lobe epilepsy after vagal nerve stimulation

Speaker: Yun Jung Hur (Korea, Republic of)

Comparative socioeconomic study of patients in Germany with Dravet syndrome, refractory epilepsy or epilepsy in seizure remission, and their caregivers

Speaker: Adam Strzelczyk (Germany)

Long-term exposure of eslicarbazepine acetate in Asian children with refractory focal onset seizure: safety results from multicenter Phase-III, randomized, double-blind placebo controlled and open label study

Speaker: Helena Gama (Portugal)

Clinical characteristics of patients with Dravet syndrome in Slovenia

Speaker: Neli Bizjak (Slovenia)

Diagnostic yield of genetic testing in epileptic encephalopathy

Speaker: Zhi Min Yap (Singapore)

Validation of automatic absence seizures detection in single-lead frontal EEG

Speaker: Dirk Loeckx (Belgium)

Effect of the initial treatment on the quality of life of children aged 6 years, with history of West syndrome: randomized clinical trial

Speaker: Jithangi Wanigasinghe (Sri Lanka)

The probability of the epilepsy in children after the single seizure

Speaker: Leanid Shalkevich (Belarus)

Use of a medium chain triglyceride-based food for special medical purposes in children and adults with epilepsy: compliance, tolerability and acceptability

Speaker: Natasha E Schoeler (United Kingdom)

A practical quality of life questionnaire for children with severe intellectual disability and epilepsy

Speaker: Vivek Mundada (United Arab Emirates)

Effect of adjunctive perampanel on Clinical Global Impression (CGI) in paediatric patients (aged 4 to <12 years) with partial-onset seizures (POS) or primary generalised tonic-clonic seizures (PGTCS) in Study 311

Speaker: Steven Phillips (United States)

Safety and efficacy of adjunctive perampanel in Japanese paediatric patients (aged 4 to < 12 years) with partial-onset seizures (POS) with or without secondarily generalised seizures (SGS): final results from the 311 Core Study

Speaker: Kaeko Ishiba (Japan)

Analysis of EEG monitoring characteristics of newborns

Speaker: Jielan Zhou (China)

Scientific Programme

Efficacy of low glycemic index therapy in children with drug resistant epilepsy: a systematic review of existing literature and pooled analysis of the results of these clinical studies

Speaker: Prateek Kumar Panda (India)

Other
10:00 - 17:00

Poster Area

Social issues / Nursing 2

Driving in patient with epilepsy: attitude and practice

Speaker: Tinonkorn Yadee (Thailand)

EPIPICTO: developing in practice a pictorial guide for marginalised adults with epilepsy

Speaker: Janet Mifsud (Malta)

Quality and safety in adult epilepsy monitoring unit of prasat neurological institute epilepsy center, Thailand

Speaker: Chanpen Noppornprom (Thailand)

Assessment of knowledge, practices and attitude among the students about the first aid management of epilepsy seizure in a Mirzapur region: a cross sectional study design

Speaker: Deepika Singh (India)

Epilepsy Camp Day: a great opportunity for Thai children living with epilepsy

Speaker: Chanikhan Sattaporn (Thailand)

Three consecutive years' experience of 'Run for Epilepsy' to raise social awareness in Thailand and 'Running Backward' to make difficulty of living with epilepsy understood

Speaker: Chonpivat Treepong (Thailand)

The effectiveness of the holistic nursing care model on quality of life of the epilepsy patients at Tertiary Epilepsy Center of Thailand

Speaker: Chalermkwan Puangsawat (Thailand)

Seizure detection devices: exploring users' hidden needs and wishes

Speaker: Anouk van Westrhenen (Netherlands)

Other
10:00 - 17:00

Poster Area

Status epilepticus 2

Obstructive sleep apneas precede unexpected status epilepticus during polysomnography recording

Speaker: Huan Jan Lin (Taiwan, Republic of China)

A life-saving epilepsy surgery in an elderly patient with definite cavernoma-related super-refractory status epilepticus

Speaker: Apisit Boongird (Thailand)

Scientific Programme

EEG patterns predicting poor prognosis in elderly patients with generalised convulsive and non-convulsive status epilepticus

Speaker: Raghavendra Kenchaiah (India)

Updated data on the tocilizumab treatment in new onset refractory status epilepticus

Speaker: Soon-Tae Lee (Korea, Republic of)

A neurological outcome of early plasmapheresis in sero-negative encephalitis presenting with super-refractory status epilepticus

Speaker: Chonpivat Treepong (Thailand)

Characteristics, co-factors and outcomes of convulsive status epilepticus in children in a tertiary care hospital in Sri Lanka

Speaker: H. G. Sasini Nirudika (Sri Lanka)

Caregiver knowledge of pre hospital management of convulsive status epilepticus in children

Speaker: H. G. Sasini Nirudika (Sri Lanka)

Etiologies, clinical characteristics and treatment outcomes of status epilepticus among children at Queen Sirikit National Institute of Child Health, Thailand

Speaker: Sirorat Suwannachote (Thailand)

Other
10:00 - 17:00

Poster Area

Terminology and classification

Screening towards improved diagnosis and classification in epilepsy

Speaker: Robert Yao (United States)

Semiologic ontology for seizure and epilepsy

Speaker: Robert Yao (United States)

New-onset unprovoked seizures in a cohort of children: applicability of the new ILAE 2014 definition of epilepsy and ILAE 2017 classification of epilepsies

Speaker: Murthy Jagarlapudi (India)

Applicability of new ILAE 2014 definition of epilepsy in patients with new-onset unprovoked seizure attending emergency medicine department: a tertiary care hospital-based study in south India

Speaker: Shyam Jaiswal (India)

Comparing two International League Against Epilepsy classifications of seizure types: a cross-sectional study in Viet Nam

Speaker: Ngan Le Quynh (Viet Nam)

Scientific Programme

11:30 - 12:30

ILAE-YES Exhibition

ILAE-YES Brainstorming Session: Towards an achievable patient-centered research roadmap: why, when and how

Chairs:

Chair: Christos Lisgaras (United States)

Management Issues (medical or surgical)
12:00 - 13:30

Convention Hall

Update on the management of status epilepticus

Chairs:

Chair: Hannah Cock (United Kingdom)

Chair: Somsak Tiamkao (Thailand)

Definitions and timing of treatment

12:00 - 12:20

Speaker: Satish Jain (India)

The out of hospital setting

12:20 - 12:40

Speaker: Federico Vigevano (Italy)

What is the best first line treatment in hospital setting?

12:40 - 13:00

Speaker: Hannah Cock (United Kingdom)

Optimising management in resource poor settings

13:00 - 13:20

Speaker: Somsak Tiamkao (Thailand)

Management Issues (medical or surgical)
12:00 - 13:30

Ballroom AB

Update on treatments of childhood epilepsies

Chairs:

Chair: Tayard Desudchit (Thailand)

Chair: Heung Dong Kim (Korea, Republic of)

Surgery and devices

12:00 - 12:20

Speaker: Tayard Desudchit (Thailand)

Diet

12:20 - 12:40

Speaker: Suvasini Sharma (India)

Cannabinoids

12:40 - 13:00

Speaker: Kelly Knupp (United States)

Drugs in the pipeline

13:00 - 13:20

Speaker: J Helen Cross (United Kingdom)

Scientific Programme

Management Issues (medical or surgical)
12:00 - 13:30

Lotus 1-4

Pros and cons of AED withdrawal

Chairs:

Chair: Morten Lossius (Norway)

Chair: Byungin Lee (Korea, Republic of)

When is it worth the risk?

12:00 - 12:20

Speaker: Morten Lossius (Norway)

AED withdrawal in adults

12:20 - 12:40

Speaker: Byungin Lee (Korea, Republic of)

AED withdrawal in children

12:40 - 13:00

Speaker: Marilisa Guerreiro (Brazil)

AED withdrawals after epilepsy surgery in children and adults

13:00 - 13:20

Speaker: Kees Braun (Netherlands)

Clinical
12:00 - 13:30

Lotus 5-7

Imaging epileptogenesis of epilepsy across the lifespan

Chairs:

Chair: Neils Focke (Germany)

Chair: Dong Zhou (China)

Molecular imaging biomarkers of epileptogenesis

12:00 - 12:20

Speaker: Heidrun Potschka (Germany)

Prenatal imaging of epileptogenic lesions

12:20 - 12:40

Speaker: Gregor Kasprian (Austria)

Challenges of investigating epilepsy in the developing brain

12:40 - 13:00

Speaker: Jonathan O'Muircheartaigh (United Kingdom)

Imaging phenotypes in epilepsy

13:00 - 13:20

Speaker: Neils Focke (Germany)

Paediatrics
12:00 - 13:30

Ballroom C

Epilepsy in adolescents

Chairs:

Chair: Choong Yi Fong (Malaysia)

Chair: Suwannee Phanchaoen (Thailand)

Puberty and epilepsy

12:00 - 12:22

Speaker: Alexis Arzimanoglou (France)

Scientific Programme

Diagnosis and management	12:22 - 12:44
Speaker: Choong Yi Fong (Malaysia)	
Lifestyle	12:44 - 13:06
Speaker: Jaime Carrizosa (Colombia)	
The need for transition programs	13:06 - 13:28
Speaker: Danielle Andrade (Canada)	

Other
12:00 - 13:30

Lotus 11

Launch of the WHO-ILAE-IBE Global Report on Epilepsy - Epilepsy: a public health imperative

Launch of the WHO-ILAE-IBE Global Report on Epilepsy

During the 33rd International Epilepsy Congress the WHO-ILAE-IBE Global Report on Epilepsy will be launched. This is a strategic document of the WHO, the ILAE and the IBE, and its launch is a momentous occasion for the epilepsy constituency.

All are welcome to attend this open session, which will be of particular interest to ILAE and IBE Chapter representatives and all who have an interest in epilepsy treatment and care. The report will be launched by the leadership of the WHO, the ILAE and the IBE.

Chairs:

Chair: Svetlana Akselrod (Switzerland)
Chair: Martin Brodie (United Kingdom)
Chair: Dévora Kestel (Switzerland)
Chair: Samuel Wiebe (Canada)

Opening and welcome	12:00 - 12:08
Overview of the Global Report and the WHO perspective	12:08 - 12:26
Speaker: Dévora Kestel (Switzerland) Speaker: Tarun Dua (Switzerland)	
Improving epilepsy care and research	12:26 - 12:44
Speaker: Alla Guekht (Russian Federation)	
Improving the social condition of people with epilepsy	12:44 - 13:02
Speaker: Mary Secco (Canada)	
Multisectoral action to address epilepsy as part of the NCD agenda	13:02 - 13:20
Speaker: Svetlana Akselrod (Switzerland)	
Q&A	13:20 - 13:30

Satellite Symposia
13:30 - 15:00

Lotus 5-7

Eisai Inc.: Striving for seizure freedom: addressing uncontrolled seizures in patients with epilepsy

Chairs:

Chair: Patrick Kwan (Australia)

Scientific Programme

Achieving seizure freedom Speaker: Patrick Kwan (Australia)	13:30 - 13:52
Maintaining seizure freedom Speaker: Yotin Chinvarun (Thailand)	13:52 - 14:14
Consequences of uncontrolled seizures in pediatric and adult patients Speaker: James Wheless (United States)	14:14 - 14:36
Seizure freedom with FYCOMPA: experience as an early add-on at a comprehensive epilepsy center Speaker: Takamichi Yamamoto (Japan)	14:36 - 14:58

Other
15:00 - 15:30

Ballroom AB

'Epilepsia' Prize - Clinical Science

Chairs:

Chair: Astrid Nehlig (France)
Chair: Michael Sperling (United States)

Thalamic volume reduction in drug-naïve patients with new-onset genetic generalized epilepsy Speaker: Suejen Perani (Germany)	15:00 - 15:20
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Clinical
15:15 - 16:30

Convention Hall

Treatment

Chairs:

Chair: Anthony Marson (United Kingdom)
Chair: Heung Dong Kim (Korea, Republic of)

Cannabidiol (CBD; 10 and 20 mg/kg/day) significantly reduces convulsive seizure frequency in children and adolescents with Dravet syndrome: results of a dose-ranging, multi-center, randomised, double-blind, placebo-controlled trial (GWPCARE2) Speaker: Ian Miller (United States)	15:15 - 15:30
Safety and efficacy of adjunctive perampanel in paediatric patients (aged 4 to <12 years) with partial-onset seizures (POS) or primary generalised tonic-clonic seizures (PGTCS): final results from the 311 Core Study Speaker: Andras Fogarasi (Hungary)	15:30 - 15:45
Effect of concomitant enzyme-inducing anti-seizure drugs (EIASDs) on the safety and efficacy of adjunctive perampanel in patients aged 4 to <12 years with partial-onset seizures (POS): final results from the 311 Core Study Speaker: Steven Phillips (United States)	15:45 - 16:00
New ILAE/PERC infant epilepsy protocol Speaker: Stéphane Auvin (France)	16:00 - 16:15

Scientific Programme

The SANAD II study of effectiveness of valproate or levetiracetam in generalised and unclassifiable epilepsy: an un-blinded randomised controlled trial	16:15 - 16:30
Speaker: Anthony Marson (United Kingdom)	

Clinical
15:30 - 16:30

Ballroom AB

Adult epileptology

Chairs:

Chair: Kimford Meador (United States)
Chair: Manjari Tripathi (India)

18F-FDG-PET hypermetabolism in basal ganglia is associated with faciobrachial dystonic seizures (FBDS) in leucine-rich glioma-inactivated 1 autoimmune encephalitis (LGI1 AE) subjects	15:30 - 15:45
Speaker: Qun Wang (China)	
Epileptic phenotypes, treatment attitudes and long-term outcomes of autoimmune epilepsies: a multicenter observational cohort study	15:45 - 16:00
Speaker: Sara Matricardi (Italy)	
Adult-onset Rasmussen encephalitis: a long-term follow-up of 12 patients	16:00 - 16:15
Speaker: Francesco Deleo (Italy)	
Serum inflammatory markers in a large cohort of patients with epilepsies	16:15 - 16:30
Speaker: Iscia Lopes-Cendes (Brazil)	

Management Issues (medical or surgical)
15:30 - 16:30

Lotus 1-4

Status epilepticus

Chairs:

Chair: Gregory Krauss (United States)
Chair: Satish Jain (India)

Intranasal midazolam as initial in-hospital treatment for status epilepticus: a pharmaco-EEG cohort study	15:30 - 15:45
Speaker: Lara Kay (Germany)	
Characteristics of acute MRI examinations in focal non-convulsive status epilepticus - a retrospective analysis	15:45 - 16:00
Speaker: Francesco Capecchi (Switzerland)	
Electroconvulsive therapy in the treatment of super refractory status epilepticus related to new onset refractory status epilepticus	16:00 - 16:15
Speaker: Madeline Tuong- Vi Nguyen (United States)	
Mortality in super refractory status epilepticus in children	16:15 - 16:30
Speaker: Maggie Lo Yee Yau (Hong Kong)	

Scientific Programme

Management Issues (medical or surgical)
15:30 - 16:30

Lotus 5-7

Surgery

Chairs:

Chair: Felix Rosenow (Germany)

Chair: Mario Alonso Vanegas (Mexico)

Responsive neurostimulation in focal epilepsy	15:30 - 15:45
Speaker: Dawn Eliashiv (United States)	
Dynamic changes in episodic memory functional connectivity after anterior temporal lobe resection	15:45 - 16:00
Speaker: Sarah Buck (United Kingdom)	
Comparison of subdural grid electrodes and SEEG in patients with refractory epilepsy in four large European centers	16:00 - 16:15
Speaker: Matea Rados (Netherlands)	
Magnetic source imaging of eloquent cortex in patients with refractory epilepsy: novel findings and neurosurgical implications	16:15 - 16:30
Speaker: Rakesh Kumar Mishra (India)	

Other
15:30 - 16:30

Ballroom C

Neuroimaging

Chairs:

Chair: Paolo Federico (Canada)

Chair: Kees Braun (Netherlands)

Cortical and subcortical morphometric markers of extra temporal cognitive impairment in temporal lobe epilepsy with hippocampal sclerosis	15:30 - 15:45
Speaker: K Raghavendra (India)	
Using pulsed arterial spin labelling MRI (PASL-MRI) as a localizing tool in drug-resistant epilepsies	15:45 - 16:00
Speaker: Tipakorn Tumnark (Thailand)	
Multi-centre Epilepsy Lesion Detection (MELD) Project: a collaborative MRI cohort for the analysis of focal cortical dysplasias	16:00 - 16:15
Speaker: Sophie Adler-Wagstyl (United Kingdom)	
Pharmacoresistant seizures associate with widespread cortical thickness atrophy in temporal lobe epilepsy	16:15 - 16:30
Speaker: Fernando Cendes (Brazil)	

Scientific Programme

16:30 - 17:30

ILAE-YES Exhibition

ILAE-YES Career Development Session: How to choose an effective title and write a cover letter

Chairs:

Chair: Mirja Steinbrenner (Germany)

Other

17:00 - 18:00

Convention Hall

Should we recommend medical marijuana for treatment of uncontrolled focal seizures?

Chairs:

Chair: Michael Sperling (United States)

Yes

17:00 - 17:25

Speaker: Martin Brodie (United Kingdom)

No

17:25 - 17:50

Speaker: Emilio Perucca (Italy)

Other

17:00 - 18:00

Ballroom AB

Can epileptic and psychogenic seizures be more reliably diagnosed in the era of the smartphone?

Chairs:

Chair: Elaine Wirrell (United States)

Yes

17:00 - 17:25

Speaker: Manjari Tripathi (India)

No

17:25 - 17:50

Speaker: Jo Wilmshurst (South Africa)

Scientific Programme

Other
17:00 - 18:30

Lotus 1-4

Ten things every neurologist needs to know about neuropsychological assessment in epilepsy

The ILAE Education Task Force are developing a core clinical curriculum for epileptologists. As part of this development they have asked the task forces on the Diagnostic Methods Commission to produce a series of articles entitled '10 things every epileptologist needs to know about'. In this session we would like to present the 10 things every epileptologist needs to know about neuropsychology. We have already produced our draft paper on these issues which represents a consensus view of the neuropsychology task force and is based on an authoritative review of the literature. The session is aimed at neurologists in training and will provide a comprehensive overview and update on the role of neuropsychology in the assessment and treatment of people with epilepsy in both routine and surgical settings.

Chairs:

Chair: Sallie Baxendale (United Kingdom)

Ten things every neurologist needs to know about neuropsychological assessment in epilepsy	17:00 - 17:10
Speaker: Sallie Baxendale (United Kingdom)	
Speaker: Sarah Wilson (Australia)	
Speaker: Christoph Helmstaedter (Germany)	
Panel discussion & audience Q&A	17:10 - 17:20
Speaker: Sallie Baxendale (United Kingdom)	
Speaker: Sarah Wilson (Australia)	
Speaker: Christoph Helmstaedter (Germany)	

Other
17:00 - 18:00

Lotus 5-7

Treat this

Chairs:

Chair: Lieven Lagae (Belgium)

Chair: Ernest Somerville (Australia)

Case: Transient loss of consciousness: a curious case	17:00 - 17:15
Speaker: Gashirai K Mbizvo (United Kingdom)	
Case: Difficulties in encephalopathy with status epilepticus during sleep (ESES) therapy	17:15 - 17:30
Speaker: Viviana Venegas (Chile)	
Case: Adult	17:30 - 17:45
Speaker: Ernest Somerville (Australia)	
Case: Paediatric	17:45 - 18:00
Speaker: Lieven Lagae (Belgium)	

Scientific Programme

Other
17:00 - 18:30

Ballroom C

West syndrome: Updates in modern era: etiologies, diagnoses, and managements

Emphasis is placed on the differential diagnoses of West syndrome with other epileptic syndromes that manifest in the first two years of life, and more especially with a series of abnormal non-epileptic motor phenomena that occur in early infants. In addition, currently, the first-line treatment includes the adrenocorticotrophic hormone ACTH and vigabatrin. In the near future the gold standard could be the development of new therapies that target specific pathways of pathogenesis. In this session, we review the past and growing number of clinical, genetic, molecular and therapeutic discoveries on this expanding topic.

Chairs:

Chair: Heung Dong Kim (Korea, Republic of)
Chair: Stéphane Auvin (France)

Diagnostic challenges of West syndrome	17:00 - 17:10
Speaker: Heung Dong Kim (Korea, Republic of)	
Genetic/metabolic etiologies in West syndrome	17:10 - 17:20
Speaker: Aristeia Galanopoulou (United States)	
Evidence-based guideline update: medical treatment of infantile spasms	17:20 - 17:30
Speaker: Stéphane Auvin (France)	
Precision medicine for West syndrome in the genomic era	17:30 - 17:40
Speaker: Hoon-Chul Kang (Korea, Republic of)	

Scientific Programme

Tuesday, 25 June 2019

Other
08:00 - 09:30

Convention Hall

ILAE-YES Career Development Session: How to navigate your career path in epilepsy

The aim of this Talking Shop is to foster professional development of early-career clinicians and researchers and to increase awareness about possible career paths.

Chairs:

Chair: Marian Galovic (United Kingdom)

Esther Krook Magnuson: How I navigated my career	08:00 - 08:10
Speaker: Esther Krook Magnuson (United States)	
Patrick Kwan: How I navigated my career	08:10 - 08:20
Speaker: Patrick Kwan (Australia)	
Sarah Wilson: How I navigated my career	08:20 - 08:30
Speaker: Sarah Wilson (Australia)	
Pieter van Mierlo: How I navigated my career	08:30 - 08:40
Speaker: Pieter van Mierlo (Belgium)	
Podium discussion	08:40 - 09:25

Other
08:00 - 09:30

Ballroom AB

Epileptic encephalopathies

Epileptic encephalopathy: definition and physiopathology	08:00 - 08:30
Speaker: Ingrid Scheffer (Australia)	
Genetic and metabolic investigation: the impact for patients care	08:30 - 09:00
Speaker: Rima Nabhout (France)	
Treatment of epileptic encephalopathy	09:00 - 09:30
Speaker: J Helen Cross (United Kingdom)	

Other
08:00 - 09:30

Lotus 1-4

VIREPA courses: EEG (basic and advanced)

VIREPA courses: EEG (basic and advanced)	08:00 - 09:30
Speaker: Elena Gardella (Denmark)	
Speaker: Michalis Koutroumanidis (United Kingdom)	

Scientific Programme

Other
08:00 - 09:30

Lotus 5-7

Video-session: focal seizures

Video-session: focal seizures

08:00 - 08:40

Speaker: Philippe Kahane (France)

Speaker: Philippe Ryvlin (Switzerland)

Paediatrics
08:00 - 09:30

Ballroom C

Treatment and research gap for children with epilepsy in low and middle income countries

There are great inequalities in treatment gaps for children with epilepsy worldwide. In Low and Middle Income Countries (LMICs) specific challenges exist. Various interventions have been attempted but these are often incomplete or not sustainable. More research specifically related to children with epilepsy across aetiologies, co-morbidities, management and outcome is needed. Understanding the current platform of research being undertaken in children with epilepsy in LMICs will guide more targeted approaches to empower clinicians to deliver better care and to lobby for the capacity to do this. This session will explore the challenges of access to care in LMICs, report on the current research trends in children with epilepsy in LMICs and describe the challenges to research in children with epilepsy in LMICs with a plan of how to move forward. Africa will be used as focal point to explore these issues.

Chairs:

Chair: Stéphane Auvin (France)

Challenges to access to care in LMIC

08:00 - 08:30

Speaker: Jo Wilmshurst (South Africa)

Current research trends in children with epilepsy in LMIC

08:30 - 09:00

Speaker: Stéphane Auvin (France)

Challenges to research in children with epilepsy in LMIC

09:00 - 09:30

Speaker: Pauline Samia (Kenya)

Other
09:30 - 11:30

Convention Hall

Novel therapies in epilepsy: a brave new world

Chairs:

Chair: Lieven Lagae (Belgium)

Precision medicine: academic dreaming or clinical reality?

09:30 - 10:00

Speaker: Samuel Wiebe (Canada)

Stop epileptogenesis before the seizures start: preventive treatment of epilepsy

10:00 - 10:30

Speaker: Terence O'Brien (Australia)

Only treat when there are seizures: closed loop systems in epilepsy

10:30 - 11:00

Speaker: Esther Krook Magnuson (United States)

Scientific Programme

Change the brain, stop the seizures: stem cells and genetic therapies in epilepsy **11:00 - 11:30**
Speaker: Simon Waddington (United Kingdom)

Paediatrics
09:30 - 11:30

Ballroom AB

Improving outcomes in drug-resistant childhood epilepsy: what more can we do?

Chairs:

Chair: Marilisa Guerreiro (Brazil)

Consequences of drug-resistant epilepsies **09:30 - 10:00**
Speaker: Elaine Wirrell (United States)

Improving outcomes in early onset epilepsies **10:00 - 10:30**
Speaker: Jo Wilmshurst (South Africa)

Innovations in the detection of epileptogenic zone **10:30 - 11:00**
Speaker: Ana Carolina Coan (Brazil)

Optimising learning and behavioural potential **11:00 - 11:30**
Speaker: Colin Reilly (United Kingdom)

Other
10:00 - 17:00

Poster Area

Adult epileptology 3

Semiological features of psychogenic nonepileptic seizures: insights from Video-EEG monitoring in epilepsy reference center in Buenos Aires, Argentina
Speaker: Silvia Kochen (Argentina)

Risk factors for drug-resistant epilepsy in adult patients with tuberous sclerosis
Speaker: Wanling Li (China)

Correlation of interleukin (IL)-6, IL-2, IL-1 β and tumor necrosis factor (TNF)- α , in temporal lobe epilepsy: a study in Indian patients
Speaker: Ayushi Jain (India)

Could rash be an ictal phenomenon in temporal lobe epilepsy
Speaker: Muhammad Bilal (United States)

A study on the clinical profile of adults with new onset seizures presenting to Emergency Department - factors affecting very early seizure recurrence (vESR)
Speaker: Sai Satish (India)

Structural and functional connectivity in newly diagnosed juvenile myoclonic epilepsy
Speaker: Kang Min Park (Korea, Republic of)

Scientific Programme

Incidence of early post-stroke seizures during reperfusion therapies in patients with acute ischemic stroke: preliminary results from an observational, prospective study

Speaker: Edoardo Ferlazzo (Italy)

The severity of autonomic dysfunction is associated with the duration of temporal lobe epilepsy (TLE)

Speaker: Dmitry V Zhuravlev (Russian Federation)

Quality appraisal of guidelines for diagnosis and treatment of rare and complex epilepsies: preliminary results of a survey among partners of the EpiCARE - a European Reference Network for rare and complex epilepsies

Speaker: Eugen Trinko (Austria)

Association between epilepsy and asthma among Nigerian undergraduates

Speaker: Emmanuel Olatunde Sanya (Nigeria)

Sudden unexpected death in epilepsy in three young adult patients, serial cases report

Speaker: Takahiro Mitsueda-Ono (Japan)

The association between gender and seizure type in patients with epilepsy

Speaker: Listra Isabela Barus (Indonesia)

Profile of intracranial tumors patients with seizures symptoms at Mohammad Hoesin Hospital Palembang

Speaker: Sri Handayani (Indonesia)

Post traumatic epilepsy due to traumatic brain injury by traffic accidents in neurophysiological explorations laboratory of Marrakesh university hospital

Speaker: Najib Kissani (Morocco)

A rare case of porencephalic cyst presenting with epilepsy

Speaker: Lau Yue Hui (Malaysia)

Can Chikungunya encephalitis trigger anti-NMDA receptor encephalitis? A report of 2 cases

Speaker: HTET Lin (Myanmar)

Other
10:00 - 17:00

Poster Area

Basic sciences 3

Tau phosphorylation in refractory temporal lobe epilepsy

Speaker: Le Zhang (China)

miRNA editing in epilepsy

Speaker: Ngoc Thanh Nguyen (Ireland)

Scientific Programme

Human cerebrospinal fluid increased the excitability of network activity and long term survival of human brain tissue slices obtained from patients with epilepsy

Speaker: Jenny Wickham (Germany)

Up-regulated CDK5 and phosphorylation Tau in rhesus with temporal lobe epilepsy induced by masanallactone

Speaker: Jinmei Li (China)

Effects of amiloride, acid-sensing ion channels (ASICs) inhibitor, on the hippocampal neuronal death after pilocarpine-induced seizure

Speaker: Dong Gook Kang (Korea, Republic of)

The expression of Pregnane X receptor and the products of its downstream targeted genes in chronic temporal lobe epilepsy mice

Speaker: Jianhong Wang (China)

Subcellular localization of Sirt3 and interaction between Sirt3 and MnSOD activity during acute status epilepticus

Speaker: Jing Zhu (Korea, Republic of)

Understand auto-antibodies mediated encephalopathies with epilepsy: a new experimental approach and therapeutic targets

Speaker: Laura Librizzi (Italy)

Quantitative correlation between genetic impairment and pathogenicity of TPP1 mutations

Speaker: De-Tian Liu (China)

C-Fos mapping and EEG characteristics of multiple mice brain regions in pentylenetetrazol-induced seizure mice model

Speaker: Wei Shan (China)

Chronic large animal seizure model utilizing swine

Speaker: Yo-Lin Lin (Taiwan, Republic of China)

Entorhinal - hippocampal communication after immature status epilepticus: focus on interictal spikes and concurrent high-frequency oscillations

Speaker: Christos Lisgaras (United States)

Quantifying stability for localization of epileptic dynamics

Speaker: Jaroslav Hlinka (Czech Republic)

GDNF gene therapy for TLE

Speaker: Esbjörn Melin (Sweden)

Other
10:00 - 17:00

Poster Area

Clinical neurophysiology 3

Electrical features and seizure outcomes in patients with Focal Cortical Dysplasia: a SEEG study

Speaker: Luca De Palma (Italy)

Scientific Programme

EEG driving response to intermittent photic stimulation reveals latent features of delayed cerebral maturation and effects of drug therapy in partial epilepsy

Speaker: Vladimir V. Lazarev (Brazil)

Interictal discharges disrupts functional connectivity in patients with idiopathic generalized epilepsy

Speaker: Thais Oppenheimer pitanga Rezende (Brazil)

Assessment of usability of passive functional mapping of language for epilepsy surgery

Speaker: Takumi Mitsunashi (Japan)

Photosensitivity in focal and generalized Epilepsies-Omani experience

Speaker: Bosanka Jovic-Jakubi (Oman)

Effects of zonisamide on the quantitative electroencephalogram in epilepsy patients- preliminary data

Speaker: Chun-Yu Liang (Taiwan, Republic of China)

Bilateral independent periodic discharges in septic cavernous sinus thrombosis and focal seizures: a case report

Speaker: Chen Fei Ng (Malaysia)

Subdural ictal DC shifts had both rapid- and slow development pattern whereas scalp-recorded DC shifts mainly showed rapid development pattern

Speaker: Shunsuke Kajikawa (Japan)

Diagnostic value of short-term video-EEG monitoring for epilepsy in low-resource country

Speaker: Uyen-Phuong Nguyen Hoang (Viet Nam)

Temporal dynamic of the functional connectivity towards the seizure - key to the epileptogenesis?

Speaker: Eva Peslova (Czech Republic)

Peri ictal electrocardiographic abnormalities in pediatric patients with epilepsy: a prospective study

Speaker: Keryma Acevedo (Chile)

The Danish protocol for the diagnostic assessment of ESES/CSWS

Speaker: Jane Eriksen (Denmark)

Preoperative evaluation of speech and memory dominance by intracarotid Wada test with Propofol

Speaker: Takeharu Kunieda (Japan)

Integrated Video EEG computational analysis of convulsive seizure dynamics and post-ictal electrographic suppression. Possible application in SUDEP forecast and alerting

Speaker: Stiliyan Kalitzin (Netherlands)

Correlation of basic level inter-ictal EEG localization with semiology and MRI in symptomatic focal epilepsies

Speaker: Sawsan Albaazi (Iraq)

Scientific Programme

Experience in providing short time training on EEG recording technique and reviewing in Bangladesh, Tanzania and Ghana

Speaker: Selina Banu (Bangladesh)

Other
10:00 - 17:00

Poster Area

Comorbidities 3

Intelligence quotient assessment in children with epilepsy

Speaker: Hula Shareef (Iraq)

The effect of delayed anti-NMDAR encephalitis recognition on disease outcome

Speaker: Vlatko Sulentic (Croatia)

The risk of sleep-disordered breathing in patients with epilepsy

Speaker: Chiu-Jung Lin (Taiwan, Republic of China)

Prevalence of sleep disorders in patients with pharmacoresistant epilepsy

Speaker: Rodrigo Rocamora (Spain)

The risk of dementia in the patients with epilepsy

Speaker: Yue-Loong Hsin (Taiwan, Republic of China)

Epilepsy and psychotropic medications

Speaker: Muhammad Bhatti (United States)

Effect of chronic seizures on the murine gut microbiota

Speaker: Allison Bouslog (United States)

Distribution of NMDA receptors and Immunoglobulin G in Tumors with anti-NMDAR encephalitis

Speaker: Xin-Yue Jiang (China)

Other
10:00 - 17:00

Poster Area

Drug therapy 3

Treatment with brivaracetam in children - the experience of a pediatric epilepsy center

Speaker: Andreea Nissenkorn (Israel)

Adjunctive brivaracetam in everyday clinical practice: an interim analysis

Speaker: Martin Brodie (United Kingdom)

The intricacy of old antiepileptic drugs selection: monotherapy vs polytherapy

Speaker: Retno Jayantri Ketaren (Indonesia)

Scientific Programme

Association of antiepileptic drugs with high sensitive C-reactive protein, lipid profile and uric acid in epilepsy patients

Speaker: Dira Wahyuni Siregar (Indonesia)

Perampanel administration as an add-on therapy in patients with partial seizures

Speaker: Thiparpa Thamamongood (Japan)

Adverse events of antiepileptic drugs using Indonesian version of liverpool adverse events profile in Prof. R. D. Kandou Hospital Manado, Indonesia

Speaker: Eric Tanoto (Indonesia)

Electrophysiological effects after withdrawal of perampanel in the first 72h

Speaker: Pieter van Mierlo (Belgium)

Levetiracetam induced DRESS syndrome in a patient with previous anticonvulsant hypersensitivity reaction to carbamazepine

Speaker: Yi-Wen Pan (China)

Clinical experience with perampanel for refractory epilepsy in one Taiwan medical center

Speaker: Ying-Chi Fan (Taiwan, Republic of China)

Efficacy and safety of perampanel (PER) as adjunctive therapy in patients with Tuberous sclerosis complex

Speaker: Antonietta Coppola (Italy)

EEG before discontinuing antiepileptic drugs in well controlled childhood epilepsy: is it useful in properly guiding the clinician in decision making?

Speaker: Vivek Sirolia (India)

Purified Cannabidiol for treatment of refractory epilepsies in pediatric patients with developmental and epileptic encephalopathy

Speaker: Nicola Pietrafusa (Italy)

Risk factors of seizure aggravation and freedom in patients with pharmacoresistant epilepsy in perampanel

Speaker: Kuang-Lin Lin (Taiwan, Republic of China)

Adjunctive perampanel treatment in adolescents with epilepsy

Speaker: Jon Soo Kim (Korea, Republic of)

How to optimize the medication for epileptic seizures of ring chromosome 20 syndrome?

Speaker: Hitoshi Ikeda (Japan)

Retention study of adjunctive perampanel treatment in patients with refractory epilepsy at a single tertiary care center

Speaker: TingRong Hsu (Taiwan, Republic of China)

Efficacy and safety of perampanel in children under 18 years of age with drug resistant epilepsy

Speaker: Chien Chen (Taiwan, Republic of China)

Scientific Programme

Efficacy and safety of adjunctive perampanel in Indian patients with partial-onset seizures (POS) or primary generalised tonic-clonic seizures (PGTCS): post hoc analysis of Phase II and III double-blind and open-label extension (OLEx) studies

Speaker: Man Mohan Mehndiratta (India)

Clinical implications of measuring newer antiepileptic drugs blood levels in patients with epilepsy

Speaker: Siew-Na Lim (Taiwan, Republic of China)

Efficacy and tolerability of perampanel in add-on therapy in real clinical praxis. An observatory study from the epilepsy centre of University Hospital Bratislava, Slovakia

Speaker: Gabriela Timárová (Slovakia)

Efficacy and tolerability of perampanel as first add-on therapy in patients with epilepsy: a retrospective single center study

Speaker: Chin-Wei Huang (Taiwan, Republic of China)

Comparison of efficacy and tolerability of perampanel in the high and regular dosage of refractory epilepsy patients

Speaker: Yao-Chung Chuang (Taiwan, Republic of China)

Perampanel in patients with pharmacoresistant nocturnal frontal lobe epilepsy

Speaker: Tony Wu (Taiwan, Republic of China)

Perampanel: effect on EEG interictal abnormalities and background activity in patients affected by focal epilepsy

Speaker: Angelo Russo (Italy)

Efficacy and safety of perampanel monotherapy in previously untreated patients with partial-onset seizures (POS): primary analysis of Study 342 (FREEDOM study)

Speaker: Takamichi Yamamoto (Japan)

Other
10:00 - 17:00

Poster Area

Epidemiology 3

Doctor, can you tell me my chances of having a posttraumatic epilepsy? A validated nomogram for risk prediction

Speaker: Xueping Wang (China)

Prevalence of vitamin D deficiency and insufficiency and its risk factors in paediatric patients with epilepsy

Speaker: Chung Yin Mo (Hong Kong)

Direct medical cost of epilepsy treatment in patients with intractable epilepsy (patient perspective) at Pediatric Neurology Clinic, Prasat Neurological Institute

Speaker: Panisra Sudachan (Thailand)

Scientific Programme

Burn injury in patients with epilepsy: the character and risk factors in West China

Speaker: Lu Lu (China)

Long-term prognostic patterns and predictors in epilepsy

Speaker: Ettore Beghi (Italy)

Epidemiology of epilepsy in the National Hospital of Quetzaltenango, Guatemala

Speaker: Victor Garcia (Guatemala)

Web-approach epidemiology study of drug-resistant temporal lobe epilepsy in Uzbekistan

Speaker: Dilrabo Azimova (Uzbekistan)

Other
10:00 - 17:00

Poster Area

Epilepsy in severely resource-restricted settings 2

Protocol outpatient therapies with ketogenic diet (TKD) developed by Metabolic Therapies (MT (R)) for the management of refractory epilepsy (RE) in Colombia

Speaker: Adriana Puerta (Colombia)

Has epilepsy surgery reached the 'resource-constrained' masses?

Speaker: George Vilanilam (India)

Efficacy of Modified Atkins Diet (MAD) as treatment for intractable epilepsy in children - a randomized controlled trial

Speaker: Nazmul Haque (Bangladesh)

An Implementation research on epilepsy management services for nomadic and displaced communities in Kenya and South Sudan

Speaker: Rosemary Gathara (Kenya)

Epilepsy: Namibian healthcare providers' perceptions and experiences

Speaker: Chrisma Pretorius (South Africa)

Ketogenic diet in case of subacute sclerosing panencephalitis: a case report

Speaker: Dhanashri Khedekar (India)

Other
10:00 - 17:00

Poster Area

Epilepsy surgery 3

A novel brain state analysis to help determining epilepsy surgery outcome

Speaker: Rodrigo Rocamora (Spain)

Scientific Programme

Predictors of seizure relapse after resective surgery for temporal lobe epilepsy in an era of new antiepileptic drugs: a multivariate analysis

Speaker: Hideaki Tanaka (Japan)

Epilepsy surgery for paediatric dysembryoplastic neuroepithelial tumours (DNET) - the Royal Manchester Children's Hospital experience

Speaker: Majid Aziz (United Kingdom)

Stereo-EEG in the pre-surgical evaluation in children with MR-negative and structural multifocal epilepsy

Speaker: Sofia Popovich (Russian Federation)

Transablation: a new technique utilizing stereotactic radiofrequency ablation to perform multiple hippocampal transections at the bedside

Speaker: Macym Rizvi (United States)

Barriers to epilepsy surgery: an assessment in Canada, Mexico and Colombia

Speaker: Jose Tellez-Zenteno (Canada)

Surgery vs no surgery in MRI negative temporal drug resistant forms of epilepsy

Speaker: Mikhail Sinkin (Russian Federation)

Temporal lobe epilepsy surgery with non-lesional brain magnetic resonance: our experience

Speaker: Marina Aberastury (Argentina)

Surgical treatment of pharmacoresistant extratemporal epilepsy in children

Speaker: Sofia Popovich (Russian Federation)

Stereotactic radiofrequency amygdalohippocampotomy for mesial temporal lobe epilepsy

Speaker: Victoria Nezdorovina (Russian Federation)

The structure of paroxysmal syndrome in patients with cerebral aneurysms

Speaker: Anna Oleynik (Russian Federation)

Other
10:00 - 17:00

Poster Area

Genetics 3

Prevalence of copy number variation in adults with epilepsy and intellectual disability

Speaker: Danielle Andrade (Canada)

A report of two mutations affecting GABAergic signaling in patients with gray matter heterotopias and seizure

Speaker: Yi-Ting Hsu (Taiwan, Republic of China)

Regional specificity of KCNQ2 missense variants causing benign or epileptic encephalopathy phenotype

Speaker: Atsushi Ishii (Japan)

Scientific Programme

PCDH19-developmental encephalopathy with fever-associated epilepsy in males with mosaic mutations

Speaker: Artem Sharkov (Russian Federation)

Study of the association between human leukocyte antigens (HLA) and carbamazepine-induced maculopapular rash in Thais

Speaker: Apisit Boongird (Thailand)

Clinical and mutations analysis of two children with infantile Sandhoff disease and literature review

Speaker: Xuqin Chen (China)

Recent developments in epigenetics of epilepsy: from research to clinical applications

Speaker: Assam El-Osta (Australia)

Epilepsy with periventricular calcification and atypical down syndrome phenotype in a Thai girl with ring chromosome 21

Speaker: Aphirak Mekmangkonthong (Thailand)

Dravet syndrome diagnosed in adult age

Speaker: Ana Sruk (Croatia)

Clinical Exome testing in Siberian patients with juvenile myoclonic epilepsy

Speaker: Kristina Yakovleva (Russian Federation)

Other
10:00 - 17:00

Poster Area

Neuroimaging 3

Feasibility of guiding stereoelectroencephalography (sEEG) implantation in focal epilepsy with automated MRI analysis

Speaker: Konrad Adler-Wagstyl (United Kingdom)

FDG-PET assessment in Lafora disease: case series and literature review

Speaker: Lorenzo Muccioli (Italy)

Characteristics of perfusion computed tomography imaging in patients with seizures as stroke mimics

Speaker: Ching Soong Khoo (Malaysia)

Intracranial calcifications associated to epilepsy: a case report of lipid proteinosis

Speaker: Carmen Arenas Cabrera (Spain)

Altered functional connectivity strength in neuronal migration disorder: a resting state functional MRI study

Speaker: Wenyu Liu (China)

The study of magnetoencephalography and magnetic source imaging in patients with epilepsy associated Sturge-Weber syndrome

Speaker: Guoming Luan (China)

Scientific Programme

MRI-etiology parallels study of medial and lateral temporal lobe epilepsy in Uzbekistan

Speaker: Dilrabo Azimova (Uzbekistan)

Patients with HS types 1 and 2 present with differences in extrahippocampal MTR

Speaker: Jose Eduardo Peixoto Santos (Brazil)

Distance-enriched functional connectomics in drug-resistant temporal lobe epilepsy

Speaker: Sara Lariviere (Canada)

Characteristics MRI findings in patient with seizures induced by hyperglycaemia

Speaker: Marlene, Huamani-Mendoza, (Peru)

Widespread alterations in functional connectome embedding following temporal lobe epilepsy surgery

Speaker: Sara Lariviere (Canada)

Construction of pepstatin A-conjugated ultrasmall SPIONs for targeted positive MR imaging of epilepsy-overexpressed P-glycoprotein

Speaker: JUN Zhang (China)

Early experience of using a voxel-based MRI post-processing technique in MRI-negative patients who underwent epilepsy surgery in Thailand

Speaker: Apisit Kaewsanit (Thailand)

An intriguing neuroimaging and stimulating story: a case report

Speaker: Ohnmar Ohnmar (Myanmar)

Other
10:00 - 17:00

Poster Area

Neuropsychology 2

Social functioning and health-related quality of life trajectories in people with epilepsy after epilepsy surgery

Speaker: Po-Tso Lin (Taiwan, Republic of China)

The emotional and behavioural comorbidities of epilepsy in Singaporean children based on parent and teacher ratings on the child behaviour checklist

Speaker: Catherine Jean Hayes (Singapore)

Neurocognitive correlates of seizure disorders in preschool children from rural Kenya: a population-based study

Speaker: Symon M. Kariuki (Kenya)

Terminating pattern of ictal high-frequency oscillations is associated with short-term recurrence of seizures

Speaker: Syu-Jyun Peng (Taiwan, Republic of China)

Methohexital (Brevital) - induced lateralized periodic discharges during Wada test

Speaker: Omar Danoun (United States)

Scientific Programme

Factors contributing to social anxiety in Korean adults with epilepsy

Speaker: Su-Hyun Han (Korea, Republic of)

Compensatory cognitive training in epilepsy: status, challenges and a way forward

Speaker: Shivani Sharma (India)

The clinical study on the characteristics of the cognition in temporal lobe epilepsy patients and its influencing factors

Speaker: Yang Cai (China)

A case study illustrating the positive contributions of advanced neuroimaging and neuropsychological assessment on cognitive outcomes in paediatric epilepsy surgery

Speaker: Sarah Barton (Australia)

Other
10:00 - 17:00

Poster Area

Paediatric epileptology 3

Infantile epileptic channelopathies: molecular genetics and clinical phenotypes

Speaker: Prashant Jauhari (India)

Acute symptomatic seizures revealing Sanjad-Sakati syndrome: new three Tunisian cases

Speaker: Chahnez Triki (Tunisia)

5 cases of variants of solute carrier family (SLC) in intractable epilepsy patients

Speaker: Ji-Hoon Na (Korea, Republic of)

Plasma levels of interleukins (IL-1 β , IL-6, IL-10 and TNF- α) in pediatric patients with temporal and extratemporal pharmacoresistant epilepsy

Speaker: Luis Angel Álvarez-Perera (Mexico)

Eating related epilepsy in a 5-month-old baby

Speaker: Dong-Uk Kim (Korea, Republic of)

A unique variant of West Syndrome-Case series of vitamin B12 responsive epileptic encephalopathy

Speaker: Harshkumar Patel (India)

Diagnostic optimization approach in epilepsy and cerebral palsy in children in Uzbekistan

Speaker: Rakhimjon Buriev (Uzbekistan)

West syndrome: clinical and electric characteristics in mitochondrial diseases

Speaker: Chahnez Triki (Tunisia)

Perampanel as effective add-on antiepileptic drug for refractory epilepsy in a patient with MECP2 duplication syndrome

Speaker: Jao-Shwann Liang (Taiwan, Republic of China)

Scientific Programme

Treatment outcome of children with early onset seizures with global developmental delay due to congenital CMV infection at Dr. MR Khan Shishu (Children) Hospital and ICH

Speaker: Selina Banu (Bangladesh)

Clinical analysis of status epilepticus in 298 children

Speaker: Xuqin Chen (China)

A rare cause of early onset epileptic syndrome: a case with beta-propeller-protein-associated neurodegeneration having a new mutation

Speaker: Nezir Özgün (Turkey)

Epileptic syndromes in the children with prior febrile seizures

Speaker: Hieu Anh Bui (Viet Nam)

Gelastic epilepsy without hypothalamic hamartoma with short stature, learning disability and precocious puberty

Speaker: Montida Veeravigrom (Thailand)

Adjuvant perampanel treatment in children under 4 years old with refractory epilepsy: a single-center, retrospective observational study

Speaker: Lee Chin Wong (Taiwan, Republic of China)

Ring chromosome 20 syndrome: electro-clinical finding as a diagnostic clue in children

Speaker: Chanikhan Sattaporn (Thailand)

Risk for brain MRI abnormalities associate with vigabatrin use (case presentation)

Speaker: Cornelia Calcii (Moldova, Republic of)

The clinical-electroencephalographical features in children with Rett syndrome

Speaker: Cornelia Calcii (Moldova, Republic of)

Epilepsy in children with Autism Spectrum Disorder: its prevalence, associated factors, effect on severity of autism and treatment implications-experience from a tertiary care center in North India

Speaker: Prateek Kumar Panda (India)

ZEB2 mutation in a child with periventricular nodular heterotopia and developmental epileptic encephalopathy

Speaker: Young Ok Kim (Korea, Republic of)

Estimate intellectual function in children with epilepsy

Speaker: Ngoc Trieu Hoang (Viet Nam)

Concomitant immunosuppression and ketotherapy in Rasmussen encephalitis: open case report

Speaker: Ondřej Horák (Czech Republic)

Epilepsy and neurological abnormalities in a child with cutis marmorata telangiectatica congenita

Speaker: Chew Thye Choong (Singapore)

Syndromes of eyelid myoclonia with absence and epilepsy with myoclonic absences: Under-recognised generalised pediatric epilepsies

Speaker: Prabhjot Kaur (India)

Scientific Programme

Altered Akkermansia muciniphila through ACTH therapy with west syndrome reveals a significant existence

Speaker: Feng Gao (China)

Everolimus in treatment of refractory seizures in TSC

Speaker: Marina U Dorofeeva (Russian Federation)

Dravet's syndrome presenting with infantile spasms

Speaker: Sameena Khan (Saudi Arabia)

Neuroradiological findings in patients with infantile spasms

Speaker: Sameena Khan (Saudi Arabia)

Other
10:00 - 17:00

Poster Area

Psychiatry

Prospective analysis of aggression as psychiatric side-effect associated with AED use - Buss-Perry Aggression Questionnaire

Speaker: Mihoko Kawai (Japan)

Psychiatric comorbidities in patients with temporal lobe epilepsy are not related to 5-HT transporter

Speaker: Kette Dualibi Ramos Valente (Brazil)

Antidepressant effect of new antiepileptic drugs in mice

Speaker: Liang-Po Hsieh (Taiwan, Republic of China)

Affective somatomorphic dysphoric disorder of epilepsy relates to low quality of life and suicide risk in Colombian epilepsy patients: a cross-sectional study with analytical component

Speaker: Manuela Ochoa-Urrea (Colombia)

Anxiety disorders among people with epilepsy in various out-patients at Tribhuvan University Teaching Hospital

Speaker: Ravi Raj Timasina (Nepal)

Autism spectrum disorders in Dravet syndrome: delineation of a specific phenotype?

Speaker: Rima Nabbout (France)

De novo psychogenic non-epileptic seizures (PNES) after epilepsy surgery. A European multicenter retrospective cohort study

Speaker: Sofia Markoula (Greece)

Childhood trauma of patients with psychogenic non-epileptic seizures (PNES) in China: elevated prevalence and harmful impacts

Speaker: Dong Zhou (China)

Psychosis as a comorbidity of epilepsy: frequency, settings, management and outcomes

Speaker: SOAHAM DESAI (India)

Scientific Programme

Other
10:00 - 17:00

Poster Area

Social issues / Nursing 3

Improvement of quality of life in adolescent with epilepsy after an empowerment and sailing experience

Speaker: Ilaria Tondo (Italy)

Health-related quality of life and its predictors among adults with epilepsy in Singapore

Speaker: Pei Shieen Wong (Singapore)

Knowledge of epilepsy and antiepileptic drugs of supply chain workers dispensing drugs to patients in Lao PDR and Cambodia

Speaker: Noudy Sengxeu (France)

Factors associated with felt stigma level in people with epilepsy in Moscow

Speaker: Alla Guekht (Russian Federation)

A study on knowledge attitude practice of epilepsy and marriage in bengali speaking people attending a tertiary care hospital

Speaker: Goutam Ganguly (India)

Everything is as before but nothing is as it was. A Scientific and Qualitative Research Study exploring the experience of life among adult patients with refractory epilepsy after eight weeks of multidisciplinary rehabilitation interventions

Speaker: Trine Moos (Denmark)

Perceptions and practices of self-management of Filipino persons with epilepsy

Speaker: Vida Margarette Andal (Philippines)

Difference of knowledge and attitude toward epilepsy between neurology staff and non-neurology staff in Dr. Soetomo General Hospital, Surabaya, Indonesia

Speaker: Ersifa Fatimah (Indonesia)

Other
10:00 - 17:00

Poster Area

Status epilepticus 3

Validation of END IT score in children aged 1month to 14 years with convulsive status epilepticus

Speaker: Richa Tiwari (India)

The EEG diagnosis of NCSE: concordance between Salzburg criteria and clinical practice

Speaker: Giada Giovannini (Italy)

Status epilepticus; an Egyptian hospital-based prospective study on clinical characteristics & outcome of admission

Speaker: Alshimaa Othman (Egypt)

Scientific Programme

Fatal status epilepticus and acute encephalopathy in Dravet syndrome: a multicenter survey

Speaker: Paola De Liso (Italy)

Clinical considerations when initiating ketogenic diet therapy for treatment of adults with super-refractory status epilepticus

Speaker: Neha Kaul (Australia)

Perampanel in post-anoxic myoclonic status epilepticus

Speaker: Jae-Moon Kim (Korea, Republic of)

Nonconvulsive status epilepticus treated with oral lacosamide

Speaker: Jelena Saric Sucic (Croatia)

11:30 - 12:30

ILAE-YES Exhibition

ILAE-YES Brainstorming Session: Cannabinoids: high hopes for the treatment of epilepsy

Chairs:

Chair: Simona Balestrini (United Kingdom)

Management Issues (medical or surgical)

12:00 - 13:30

Convention Hall

Epilepsy surgery: the cutting edge and level of evidence

Chairs:

Chair: Jeffrey Britton (United States)

Chair: Shih Hui Lim (Singapore)

Evidence-based novel neurophysiology

12:00 - 12:20

Speaker: Julia Jacobs (Germany)

Diagnostic imaging and multimodal integration

12:20 - 12:40

Speaker: Petr Marusic (Czech Republic)

Insular epilepsies

12:40 - 13:00

Speaker: Philippe Kahane (France)

New therapeutic technologies (focused ultrasound, laser therapy, SEEG, RF ablation and others)

13:00 - 13:20

Speaker: Michael Sperling (United States)

Scientific Programme

Social Issues
12:00 - 13:30

Ballroom AB

Moving beyond the medical management of epilepsy

Chairs:

Chair: Ding Ding (China)

Chair: Graeme Shears (Australia)

Epilepsy and social justice	12:00 - 12:20
Speaker: Jacob Mugumbate (Australia)	
Implementing school programs	12:20 - 12:40
Speaker: Michelle Franklin (Canada)	
Patient and family education	12:40 - 13:00
Speaker: Carol D'Souza (India)	
Training and employment	13:00 - 13:20
Speaker: Li Min Li (Brazil)	

Clinical
12:00 - 13:30

Lotus 1-4

Optimizing therapy for Dravet Syndrome: so many choices but what should I pick?

Dravet syndrome is a drug-resistant epilepsy that begins in the first year of life. Children present with prolonged hemiconvulsive seizures which are often febrile-related, and progress to recurrent status epilepticus. Over time, they develop other seizure types, intellectual disability, gait, behavioral and psychiatric disorders. Seizure-related mortality is high due to SUDEP, status epilepticus and accidental injury.

The last several years have seen development of several therapies with three orphan drugs (Stiripentol, Cannabidiol and Fenfluramine) supported by randomized, placebo controlled studies with demonstrated efficacy. These results question our current treatment algorithm and ultimate goals of treatment for optimal patient-centered care.

Chairs:

Chair: Elaine Wirrell (United States)

Stiripentol in Dravet Syndrome	12:00 - 12:20
Speaker: Elaine Wirrell (United States)	
Cannabidiol in Dravet Syndrome	12:20 - 12:40
Speaker: Anup Patel (United States)	
Fenfluramine in Dravet Syndrome	12:40 - 13:00
Speaker: An-Sofie Schoonjans (Belgium)	
Is it time to update the treatment proposal	13:00 - 13:20
Speaker: Rima Nababout (France)	
Panel and audience discussion	13:20 - 13:30
Speaker: Rima Nababout (France)	
Speaker: Elaine Wirrell (United States)	
Speaker: Anup Patel (United States)	
Speaker: An-Sofie Schoonjans (Belgium)	
Speaker: Ingrid Scheffer (Australia)	
Speaker: J Helen Cross (United Kingdom)	

Scientific Programme

Management Issues (medical or surgical)
12:00 - 13:30

Lotus 5-7

Neuropsychology: implications for epilepsy surgery

Chairs:

Chair: Sallie Baxendale (United Kingdom)
Chair: Christoph Helmstaedter (Germany)

Standardising paradigms for pre-surgical evaluation	12:00 - 12:22
Speaker: Christoph Helmstaedter (Germany)	
Red flags: cognitive contraindications to surgery	12:22 - 12:44
Speaker: Sallie Baxendale (United Kingdom)	
Rehabilitation and the potential for plasticity and cognitive recovery	12:44 - 13:06
Speaker: Sarah Wilson (Australia)	
Imaging techniques to assess language and memory	13:06 - 13:28
Speaker: Graeme Jackson (Australia)	

Other
12:00 - 13:30

Ballroom C

Epilepsy in the elderly

Chairs:

Chair: Naoki Akamatsu (Japan)
Chair: Martin Brodie (United Kingdom)

Epidemiology of elderly epilepsy	12:00 - 12:20
Speaker: Alla Guekht (Russian Federation)	
Challenges of epilepsy diagnosis in elderly people	12:20 - 12:40
Speaker: Martin Brodie (United Kingdom)	
Epilepsy and the challenges of longevity	12:40 - 13:00
Speaker: Naoki Akamatsu (Japan)	
Treatment and drug interactions	13:00 - 13:20
Speaker: Eugen Trinka (Austria)	

Satellite Symposia
13:30 - 15:00

Lotus 5-7

GW Pharmaceuticals: Science, innovation and technology in epilepsy

Chairs:

Chair: Philippe Ryvlin (Switzerland)

Seizure detection using wearable devices: a modern possibility?	13:30 - 14:00
Speaker: Sándor Beniczky (Denmark)	
Innovations in epilepsy: today's science, tomorrow's technology	14:00 - 14:30
Speaker: Mark Cook (Australia)	

Scientific Programme

The role of big data and deep learning in epilepsy diagnosis

Speaker: Pablo Botas (Spain)

14:30 - 15:00

Other

15:00 - 15:30

Ballroom AB

'Epilepsia Open' Prize - Basic Science

Chairs:

Chair: Aristeia Galanopoulou (United States)

Chair: Ronit Pressler (United Kingdom)

Regulation of seizures induced by stress and brain trauma through the intestinal microbiome

Speaker: Jesús-Servando Medel-Matus (United States)

15:00 - 15:10

Other

15:00 - 15:30

Lotus 1-4

'Epilepsia Open' Prize - Clinical Science

Chairs:

Chair: Dong Zhou (China)

Chair: Lara Jehi (United States)

Hidden in plain sight: revealing seizure risk with seizure diaries

Speaker: Sharon Chiang (United States)

15:00 - 15:10

Paediatrics

15:30 - 16:30

Convention Hall

Paediatrics 2

Chairs:

Chair: Federico Vigevano (Italy)

Chair: Jaime Carrizosa (Colombia)

Spectrum of epileptic syndromes in severe epilepsies of infancy: a population-based study

Speaker: Katherine B Howell (Australia)

15:30 - 15:45

Comparison of 1981, 1989 and 2017 International League Against Epilepsy classification (ILAE)

Speaker: David Asish Manchala (India)

15:45 - 16:00

Paediatric Status Epilepticus: identification of prognostic factors using the new ILAE classification

Speaker: Nicola Pietrafusa (Italy)

16:00 - 16:15

Scientific Programme

DILT (Daily vs Intermittent LGIT) trial-comparison of efficacy of daily and intermittent low glycemic index therapy diet among children with drug resistant epilepsy aged 1-15 years: a randomized controlled non-inferiority trial

16:15 - 16:30

Speaker: Prateek Kumar Panda (India)

15:30 - 16:30

Ballroom AB

ILAE-YES Best Presenter Award

Chairs:

Chair: Pablo Casillas-Espinosa (Australia)

Chair: Christos Lisgaras (United States)

Other

15:30 - 16:30

Lotus 1-4

Psychosocial issues 2

Chairs:

Chair: Ding Ding (China)

Chair: Candan Gurses (Turkey)

Epilepsy educational software programme as a tool to improve the awareness, knowledge and attitude among Malaysian parents of children with epilepsy

15:30 - 15:45

Speaker: Wei Kang Lim (Malaysia)

Fostering and developing sustainability: a post-implementation survey of an epilepsy self-management program

15:45 - 16:00

Speaker: Barbara Jobst (United States)

Co-occurrence of psychosis & epilepsy: a systematic review and meta-analysis of the epidemiology

16:00 - 16:15

Speaker: Churl-Su Kwon (United States)

Language and communication abilities in temporal lobe epilepsy patients: right vs. left hemisphere's processing

16:15 - 16:30

Speaker: Silvia Kochen (Argentina)

Scientific Programme

Other
15:30 - 16:30

Lotus 5-7

Neurophysiology / Basic sciences

Chairs:

Chair: Felix Rosenow (Germany)

Chair: Terence O'Brien (Australia)

Functional analysis of catastrophic childhood epilepsy genes: the Epilepsy Zebrafish Project (EZP)	15:30 - 15:45
Speaker: Scott Baraban (United States)	
Phase amplitude coupling of low frequencies with high frequency oscillations localizes epileptogenic zone in magnetoencephalography (MEG)	15:45 - 16:00
Speaker: G K Bhargava (India)	
How do epileptic foci generate both spikes and seizures?	16:00 - 16:15
Speaker: Kevin Staley (United States)	
Video EEG with Suggestion (VEST) trial-Comparison of efficacy between suggestion methods during Video EEG recording: verbal suggestion in isolation and verbal suggestion along with cotton swab or tuning fork for inducing the paroxysmal event in children aged 5 to 18 years with suspected psychogenic nonepileptic seizures-a randomized controlled non-inferiority trial	16:15 - 16:30
Speaker: Prateek Kumar Panda (India)	

Other
15:30 - 16:30

Ballroom C

Genetics 2

Chairs:

Chair: Patrick Kwan (Australia)

Chair: KP Vinayan (India)

Efficacy of voltage-gated sodium channel subtype selective compounds in a novel zebrafish model for Dravet syndrome	15:30 - 15:45
Speaker: Wout Jan Weuring (Netherlands)	
Epilepsy characteristics in Colombian infants with congenital Zika syndrome	15:45 - 16:00
Speaker: Blanca Doris Rodriguez Clavijo (Colombia)	
Characterization of focal and generalized epilepsy polygenic burden in 630,603 individuals	16:00 - 16:15
Speaker: Costin Leu (United States)	
Deep sequencing in paired brain and peripheral tissues reveals the contribution of somatic and germline mutations to intractable childhood epilepsy	16:15 - 16:30
Speaker: Hoon-Chul Kang (Korea, Republic of)	

Scientific Programme

16:30 - 17:30

ILAE-YES Exhibition

ILAE-YES Career Development Session: How to plan a research project and find appropriate funding

Chairs:

Chair: Katja Kobow (Germany)

Other

17:00 - 18:00

Convention Hall

Is it advisable to taper medication in well-controlled patients with symptomatic adult-onset focal epilepsy?

Chairs:

Chair: Patrick Kwan (Australia)

Opening including audience vote	17:00 - 17:02
Speaker: Patrick Kwan (Australia)	
No	17:02 - 17:22
Speaker: Alejandro De Marinis (Chile)	
Yes	17:22 - 17:42
Speaker: KP Vinayan (India)	
Rebuttal	17:42 - 17:47
Speaker: Alejandro De Marinis (Chile)	
Rebuttal	17:47 - 17:52
Speaker: KP Vinayan (India)	
Q&A and audience vote	17:52 - 18:00

Other

17:00 - 18:00

Ballroom AB

Diagnose/classify this

Chairs:

Chair: Sameer Zuberi (United Kingdom)

Chair: Reetta Kälviäinen (Finland)

Case: One brain - two childhood epileptic syndromes? CAE & BECTS - can we still label them as benign?	17:00 - 17:12
Speaker: Bosanka Jovic-Jakubi (Oman)	
Case 2	17:12 - 17:24
Speaker: Sameer Zuberi (United Kingdom)	
Case 3	17:24 - 17:36
Speaker: Reetta Kälviäinen (Finland)	

Scientific Programme

Case 4	17:36 - 17:48
Speaker: Sameer Zuberi (United Kingdom)	
Case 5	17:48 - 18:00
Speaker: Reetta Kälviäinen (Finland)	

Other
17:00 - 18:00

Lotus 5-7

Do the new classifications of seizures and epilepsy improve our ability to classify, diagnose, and treat epilepsy in the clinic?

Chairs:

Chair: Ivan Rektor (Czech Republic)

Yes	17:00 - 17:30
Speaker: Ingrid Scheffer (Australia)	
No	17:30 - 18:00
Speaker: Felix Rosenow (Germany)	

Other
17:00 - 18:30

Ballroom C

Generalised epilepsy genetics: distinct syndromes or murky margins?

The genetic generalized epilepsies comprise approximately 20-30% of all epilepsies and affect otherwise healthy individuals. Four main syndromes comprise genetic generalized epilepsy: Childhood Absence Epilepsy, Juvenile Absence Epilepsy, Juvenile Myoclonic Epilepsy and Epilepsy with Generalized Tonic Clonic Seizures Alone. While a genetic predisposition is inferred, specific mutations may not always be found. Additionally, there is often phenotypic heterogeneity as the specific syndromes may vary amongst family members. Furthermore, it is not uncommon that individuals with one syndrome evolve to a different syndrome over time. This forum will focus on definitions of CAE, JAE, JME and EGTC, specifically addressing the boundaries and overlap between the various syndromes.

Chairs:

Chair: Nicola Specchio (Italy)

How do we currently define each syndrome?	17:00 - 17:22
Speaker: Marina Trivisano (Italy)	
What are clinical similarities and differences?	17:22 - 17:44
Speaker: Kate Riney (Australia)	
What are electrographic similarities and differences?	17:44 - 18:06
Speaker: Nicola Specchio (Italy)	
Should the definitions change? If so, how? - Discussion	18:06 - 18:28
Speaker: Elaine Wirrell (United States)	
Speaker: Rima Nabbout (France)	
Speaker: Nicola Specchio (Italy)	

Scientific Programme

Wednesday, 26 June 2019

Other
08:00 - 09:30

Lotus 1-4

Teaching course for neurophysiology technicians

There is no additional charge for this course, but places on this course must be booked in advance. Booking is available via the congress registration system and more information on the availability of the course is available at <https://www.epilepsycongress.org/iec/registration/>. This course is supported by an unrestricted educational grant from Philips. The company has no input in the structure or content of, or speakers at, the teaching course.

Chairs:

Chair: Sándor Beniczky (Denmark)

Teaching course for neurophysiology technicians

08:00 - 09:30

Speaker: Sándor Beniczky (Denmark)
Speaker: Christian Skaarup (Denmark)
Speaker: Anders Bach Justesen (Denmark)

Other
08:00 - 09:30

Lotus 5-7

Video-session: generalized seizures

Video-session: generalized seizures

08:00 - 09:20

Speaker: Ronit Pressler (United Kingdom)
Speaker: Guido Rubboli (Denmark)

Other
08:00 - 09:30

Ballroom C

VIREPA courses: sleep and pediatric EEG

VIREPA courses: sleep and pediatric EEG

08:00 - 09:30

Speaker: Al de Weerd (Netherlands)
Speaker: Dana Craiu (Romania)

Other
09:30 - 11:30

Lotus 1-4

Applied technology in the future of epilepsy

Chairs:

Chair: Sándor Beniczky (Denmark)
Chair: Mark Cook (Australia)

Scientific Programme

Seizure detection based on movement: EMG and accelerometry Speaker: Sándor Beniczky (Denmark)	09:30 - 10:00
Seizure detection based on autonomic changes: ECG and electrodermal activity Speaker: Gregory Krauss (United States)	10:00 - 10:30
Therapeutic wearable devices Speaker: Mark Cook (Australia)	10:30 - 11:00
Wearable devices for SUDEP prevention Speaker: Philippe Ryvlin (Switzerland)	11:00 - 11:30