

Saturday, 09. July 2022*Other*

08:00 - 12:00

K

Half-day Teaching Course: Is this a seizure? If not, what is it?*Chair:* Alla Guekht, RU*Chair:* Nicola Specchio, IT**Is this a seizure? A PNES? If not, what is it?**

08:00 - 08:00

Speaker: Alla Guekht, RU**Journeys into the borderland of epilepsy**

08:00 - 08:00

Speaker: Markus Reuber, GB**Epilepsy and sleep disorders: differential diagnosis. Some tricky clinical cases**

08:00 - 08:00

Speaker: Lino Nobili, IT**Epileptic and non-epileptic events in children and neonates.**

08:00 - 08:00

Speaker: Nicola Specchio, IT*Neuroimaging*

08:00 - 16:50

P

Full-day Teaching Course: Neuroimaging in epilepsy - what the clinician should know**Introduction to neuroimaging in epilepsy**

08:00 - 08:00

Speaker: Paolo Federico, CA**MRI physics, sequence names, and MRI epilepsy protocol**

08:00 - 08:00

Speaker: Stefan Rampp, DE**Common epileptic pathologies: temporal epilepsy**

08:00 - 08:00

Speaker: Angelo Labate, IT**Common epileptic pathologies: extratemporal lobe epilepsy**

08:00 - 08:00

Speaker: Fernando Cendes, BR**MRI-negative epilepsy. What are the next steps?**

08:00 - 08:00

Speaker: John Duncan, GB**Other neuroimaging modalities: PET, SPECT, etc**

08:00 - 08:00

Speaker: Lorenzo Caciagli, GB**fMRI (task-based) and EEG-fMRI**

08:00 - 08:00

Speaker: Anna Elisabetta Vaudano, IT**Diffusion imaging, presurgical image fusion**

08:00 - 08:00

Speaker: Niels Focke, DE

Terminology and Classification

08:00 - 12:00

E

Half-day Teaching Course: Classify this!*Chair:* Philippe Ryvlin, CH*Chair:* Ronit Pressler, GB**Welcome and Introduction**

08:00 - 08:00

Classifying seizures & epilepsies in neonates

08:00 - 08:00

Speaker: Ronit Pressler, GB**Classifying seizures & epilepsies in children**

08:00 - 08:00

Speaker: Christian Korff, CH**Classifying seizures & epilepsies in adults I**

08:00 - 08:00

Speaker: Matthew Walker, GB**Classifying seizures & epilepsies in adults II**

08:00 - 08:00

Speaker: Philippe Ryvlin, CH*Clinical Neurophysiology*

08:00 - 12:00

F

Half-day Teaching Course: Let's read EEGs together!*Chair:* Sándor Beniczky, DK**Systematic assessment of the interictal EEG abnormalities**

08:00 - 08:00

Speaker: Sándor Beniczky, DK**Ictal EEG patterns.**

08:00 - 08:00

Speaker: Margitta Seeck, CH**EEG in epilepsy syndromes**

08:00 - 08:00

Speaker: Dana Craiu, RO*Drug Therapy*

08:00 - 12:00

G

Half-day Teaching Course: Which ASM to start with? When to stop?*Chair:* Cecilie Johannessen Landmark, NO*Chair:* Jakob Christensen, DK**Basic pharmacodynamics/-kinetics/-genetics of ASMs**

08:00 - 08:00

Speaker: Cecilie Johannessen Landmark, NO**Considerations for safe choices: Drug interactions and teratogenicity**

08:00 - 08:00

Speaker: Sara Eyal, IL**When to start and which ASM?**

08:00 - 08:00

Speaker: Jakob Christensen, DK**When and how to stop?**

08:00 - 08:00

Speaker: Herm Lamberink, NL

Status Epilepticus

08:00 - 12:00

L

Half-day Teaching Course: Status epilepticus*Chair:* Eugen Trinka, AT*Chair:* Simon Shorvon, GB**Definition, epidemiology, and burden of Status epilepticus**

08:00 - 08:00

Speaker: Eugen Trinka, AT**Management of early Status epilepticus**

08:00 - 08:00

Speaker: Simon Shorvon, GB**Treatment of established Status epilepticus**

08:00 - 08:00

Speaker: Julia Höfler, AT**Treatment of refractory and superrefractory Status epilepticus**

08:00 - 08:00

Speaker: Monica Ferlisi, IT*Epilepsy Surgery*

08:00 - 12:00

T

Half-day Teaching Course: Epilepsy surgery: learn from cases!*Chair:* Çiğdem Özkara, TR*Chair:* Ivan Rektor, CZ**Is this an epileptic seizure?**

08:00 - 08:00

Speaker: Ivan Rektor, CZ**Stimulating cases**

08:00 - 08:00

Speaker: Philippe Kahane, FR**Deceptive (surprising) patients.**

08:00 - 08:00

Speaker: Çiğdem Özkara, TR**Similar but not the same.**

08:00 - 08:00

Speaker: Laura Tassi, IT*Genetics*

08:00 - 12:00

U

Half-day Teaching Course: Genetic testing: whom, when and what to test*Chair:* Guido Rubboli, DK**Genetics of the epilepsies: state-of-the art in 2022**

08:00 - 08:00

Speaker: Renzo Guerrini, IT**Epileptic encephalopathies: definition, genetic causes, pathophysiology**

08:00 - 08:00

Speaker: Rima Nabbout, FR**To whom we should offer genetic testing in epilepsy ?**

08:00 - 08:00

Speaker: Reetta Kälviäinen, FI**Yields of genetic testing in clinical practice – a path toward precision medicine**

08:00 - 08:00

Speaker: Guido Rubboli, DK

Social Issues

08:00 - 19:00

Social Issues

Epilepsy and employment: classification of workplaces and optimized legislation in Austria – a qualitative study	08:00 - 08:00
<i>Poster Presenter:</i> Markus Leitinger, AT	
Awareness about epilepsy among the medical students in Kyrgyzstan	08:00 - 08:00
<i>Poster Presenter:</i> Asel Jusupova, KG	
Epilepsy on my mind: the caregivers' perspective	08:00 - 08:00
<i>Poster Presenter:</i> Oliver Henning, NO	
Adapted physical activity reference for people with epilepsy: first french guidelines	08:00 - 08:00
<i>Poster Presenter:</i> Axel Lion, FR	
What is known from existing literature about stigma in functional seizures: a scoping review	08:00 - 08:00
<i>Poster Presenter:</i> Chrisma Pretorius, ZA	
Understanding the journey of Dravet syndrome patients and their families: a qualitative study of their lived experience	08:00 - 08:00
<i>Poster Presenter:</i> Judith Luker, GB	
Current situation and issues of Japanese university health centers in supporting university students with epilepsy	08:00 - 08:00
<i>Poster Presenter:</i> Yoshioka Shin-ichi, JP	
Are patients with drug-resistant epilepsy subjectively ready for neurosurgical treatment?	08:00 - 08:00
<i>Poster Presenter:</i> Galina Odintsova, RU	
Epilepsy stigma perception of medical students in Albania	08:00 - 08:00
<i>Poster Presenter:</i> Serla Grabova, AL	
Do Montenegrin students of non-medical faculties have a lack of knowledge regarding epilepsy?	08:00 - 08:00
<i>Poster Presenter:</i> Milovan Roganovic, ME	

Status Epilepticus

08:00 - 19:00

Status Epilepticus

Review of the new Advanced Paediatric Life Support guideline (2021): management of the convulsing child	08:00 - 08:00
<i>Poster Presenter:</i> Melody Bacon, GB	
Rate of occurrence of non-convulsive status epilepticus in general neurological clinic: a retrospective study of 96 patients	08:00 - 08:00
<i>Poster Presenter:</i> Theodora Afrantou, GR	
Febrile infection-related epilepsy syndrome: tailoring an approach to treatment	08:00 - 08:00

Poster Presenter: Yihui Goh, SG

Role of Ocimum sanctum extract on seizure control and neuroprotection in status epilepticus model in rats in comparison with valproate 08:00 - 08:00

Poster Presenter: Sudhir Chandra Sarangi, IN

Treatment of prehospital status epilepticus with intravenous anaesthetic drugs - Do they really increase mortality? 08:00 - 08:00

Poster Presenter: Soraya Maier, DE

The role of the EEG in predicting 30-day mortality after status epilepticus 08:00 - 08:00

Poster Presenter: Simona Lattanzi, IT

First description of lingual focal motor status epilepticus due to ischemic stroke 08:00 - 08:00

Poster Presenter: Bruna Nucera, IT

"It's not mine!": first description of non-convulsive status epilepticus manifesting with somatoparaphrenia 08:00 - 08:00

Poster Presenter: Bruna Nucera, IT

Exploratory study of new serum microRNAs related to the diagnosis of Status Epilepticus (SE) 08:00 - 08:00

Poster Presenter: Estevo Santamarina, ES

Status epilepticus in mesial temporal lobe epilepsy 08:00 - 08:00

Poster Presenter: Ozgun Yetkin, TR

European standards of steroid therapy in children with electrical status epilepticus during sleep (ESES) 08:00 - 08:00

Poster Presenter: Bézîyan Dilan Canbay, DE

The role of the status epilepticus cessation in predicting 30-day mortality 08:00 - 08:00

Poster Presenter: Simona Lattanzi, IT

Focal nonconvulsive status epilepticus with impairment of consciousness in the elderly: the relationship between prognosis and initial clinical EEG data and after an initial pharmacological protocol 08:00 - 08:00

Poster Presenter: Gloria Tedrus, BR

De novo non-convulsive status epilepticus (NCSE) in hospitalized patients with COVID-19 08:00 - 08:00

Poster Presenter: Ia Rukhadze, GE

Successful immunotherapy for status epilepticus of a case with high titer of anti-glutamic acid decarboxylase antibodies 08:00 - 08:00

Poster Presenter: Masako Kinoshita, JP

Status epilepticus caused by change in lifestyle rhythm 08:00 - 08:00

Poster Presenter: Masako Kinoshita, JP

Clinical features and outcome of status epilepticus in the 08:00 - 08:00

elderly: data from the population of Modena, northern Italy*Poster Presenter:* Niccolò Orlandi, IT**Clonazepam in status epilepticus: dosage and its correlation with outcome**

08:00 - 08:00

Poster Presenter: Jennifer D'Antò, CH**Comparative analysis of long-term seizure outcome in New-onset refractory status epilepticus (NORSE) patients: anti-NMDAR encephalitis versus cryptogenic NORSE**

08:00 - 08:00

Poster Presenter: Seon-Jae Ahn, KR*Terminology and Classification*

08:00 - 19:00

Terminology and Classification**Exploring the feasibility of an interactive virtual avatar and automated conversation analysis in the differentiation of epileptic and dissociative seizures**

08:00 - 08:00

Poster Presenter: Nathan Pevy, GB**Cerebral vascular malformations characteristics – retrospective study**

08:00 - 08:00

Poster Presenter: Magdalena Bosak, PL**Epilepsy and the translation of Epilepsy Monitoring Unit events into accurate clinical diagnosis**

08:00 - 08:00

Poster Presenter: Mohammad Hijaz Adenan, IE*Clinical Neurophysiology*

08:00 - 19:00

Clinical Neurophysiology**Sensitivity of automated seizure detection tool in long term EEG monitoring**

08:00 - 08:00

Poster Presenter: Anders Bach Justesen, DK**Electroclinical features and long-term therapeutic response in patients with typical absence seizures**

08:00 - 08:00

Poster Presenter: Maria Vlachou, DK**Automatic seizure detection framework**

08:00 - 08:00

Poster Presenter: Fernando Gasca, DE**Subdural recordings more frequently result in surgical therapy than depth electrode recordings: A monocentric analysis in 443 consecutive patients undergoing intracranial preoperative evaluation**

08:00 - 08:00

Poster Presenter: Andreas Schulze-Bonhage, DE**Is the flicker fusion appropriate to determine neurotoxic adverse events of antiseizure medication in epilepsy patients?**

08:00 - 08:00

Poster Presenter: Bernhard Steinhoff, DE**Utility of prolonged outpatient EEG in the detection of interictal**

08:00 - 08:00

epileptiform discharges and its impact on clinical management*Poster Presenter:* Yihui Goh, SG**The operational definition of epileptiform discharges significantly improves diagnostic accuracy of trainees in EEG reading**

08:00 - 08:00

Poster Presenter: Mustafa Aykut Kural, DK**Validating EEG source imaging using intracranial electrical stimulation**

08:00 - 08:00

Poster Presenter: Kanjana Unnwongse, DE**Posterior cingulate epilepsy: a systematic review**

08:00 - 08:00

Poster Presenter: Catherine Pepin, CA**Relation of ictal/interictal connectivity patterns and 3D spike source analysis in subdural electroencephalographic recordings**

08:00 - 08:00

Poster Presenter: Alberto Pinzon, US**Multiple mechanisms shape the relationship between seizure pathways and seizure duration**

08:00 - 08:00

Poster Presenter: Yujiang Wang, GB**Dynamic properties of HFOs and spikes in the intra-operative electrocortigram in patients with focal cortical dysplasia**

08:00 - 08:00

Poster Presenter: Eline Schaft, NL**A neuromorphic spiking neural network detects epileptic high frequency oscillations in the scalp EEG**

08:00 - 08:00

Poster Presenter: Filippo Costa, CH**Deep learning and electrocorticography to tailor epilepsy surgery**

08:00 - 08:00

Poster Presenter: Sem Hoogteijling, NL**Characteristics of absence seizures in relation to visuospatial attention**

08:00 - 08:00

Poster Presenter: Valentina Barone, NL**Prevalence of epileptiform activity in early Alzheimer's disease (AD)**

08:00 - 08:00

Poster Presenter: Amber Nous, BE**Can seizure cycles forecast outcomes of video-EEG: a prospective cohort study**

08:00 - 08:00

Poster Presenter: Ewan Nurse, AU**Spectral factorization-based identification of seizure onset zone**

08:00 - 08:00

Poster Presenter: Sofia Kasradze, GE**The interictal automated responsiveness test (iART) analyzes transient cognitive impairment in an international manner**

08:00 - 08:00

Poster Presenter: Heinz Krestel, CH**Detection of focal epileptic seizures on EEG signals using the**

08:00 - 08:00

CSP algorithm*Poster Presenter:* Pelagia Vorgia, GR**Epilepsy following a first seizure – quantum potential as a novel EEG biomarker** 08:00 - 08:00*Poster Presenter:* Felix Benninger, IL**Bicentric retrospective study to evaluate the performance of ictal EEG source imaging to localize the epileptogenic focus** 08:00 - 08:00*Poster Presenter:* Amir G. Baroumand, BE**High-density EEG-based network analysis reveals an anteroposterior network disruption in Idiopathic Generalized Epilepsy** 08:00 - 08:00*Poster Presenter:* André Silva Alves, CH**Interictal epileptiform EEG findings in elderly patients with epilepsy** 08:00 - 08:00*Poster Presenter:* Slavica Vujisic, ME**Thalamic blood flow and simultaneously measured EEG frequency band power during hyperventilation in genetic generalized epilepsy** 08:00 - 08:00*Poster Presenter:* Alexander Hammers, GB**Effect of sleep on epileptic discharges in patients with Idiopathic Generalized Epilepsy** 08:00 - 08:00*Poster Presenter:* Demet Kinay, TR*Epilepsy Surgery*
08:00 - 19:00**Epilepsy Surgery****Role of resective surgery in the patients over 60 years old with drug-resistant epilepsy** 08:00 - 08:00*Poster Presenter:* David A. Steven, CA**Development of epilepsy surgery in Armenia** 08:00 - 08:00*Poster Presenter:* Biayna Sukhudyay, AM**Surgical treatment of neocortical non-convulsive status epilepticus** 08:00 - 08:00*Poster Presenter:* Masako Kinoshita, JP**Semi-invasive presurgical video-EEG-monitoring with epidural foramen ovale and peg electrodes – a 25-year perspective** 08:00 - 08:00*Poster Presenter:* Gadi Miron, DE**Protocol for multicenter comparison of interictal high frequency oscillations as a predictor of seizure freedom** 08:00 - 08:00*Poster Presenter:* Vasileios Dimakopoulos, CH**Responsive neurostimulation (RNS) in pediatric patients with drug-resistant focal, multifocal and generalized epilepsy: a single-center experience** 08:00 - 08:00

Poster Presenter: Shanna Swartwood, US

Lateralizing signs in patients with Hypothalamic Hamartoma 08:00 - 08:00

Poster Presenter: Friederike Scheerer, DE

Seizure patterns from temporal lobe stereoEEG recordings are associated with post-surgical seizure outcome 08:00 - 08:00

Poster Presenter: Vadym Gnatkovsky, DE

Strategies to optimize the surgical outcome of patients with drug resistant epilepsy and malformations of cortical development 08:00 - 08:00

Poster Presenter: Bhaskara Rao Malla, IN

Efficacy of cardio-responsive vagal nerve stimulators in refractory epilepsy- a retrospective review 08:00 - 08:00

Poster Presenter: Helen Stephens, GB

How confident can we be when making personalised predictions of outcome after epilepsy surgery in children? 08:00 - 08:00

Poster Presenter: Maria Helena Eriksson, GB

Academic attainment following epilepsy surgery in childhood: a systematic review 08:00 - 08:00

Poster Presenter: Clara Sherlock, IE

The proportion of seizure onset zone contacts resected is not associated with outcome following SEEG-guided resective epilepsy surgery in children 08:00 - 08:00

Poster Presenter: Martin Tisdall, GB

Epileptogenic network definition through game theory and connectivity dynamics 08:00 - 08:00

Poster Presenter: Karla Ivankovic, ES

Resection of MEG and intracranial EEG bandpower abnormalities explain surgical outcomes in focal epilepsy 08:00 - 08:00

Poster Presenter: Thomas Owen, GB

Long-term outcome following selective amygdalo-hippocampectomy in temporal lobe epilepsy: piriform cortex resection reveals superior seizure control rates 08:00 - 08:00

Poster Presenter: Valeri Borger, DE

Epileptogenic tubers are associated with more homogeneous calcium content: a combined quantitative susceptibility mapping (QSM) and stereoelectroencephalography (SEEG) pilot study 08:00 - 08:00

Poster Presenter: Rory Piper, GB

The MAST Trial: prospective evaluation of a machine learning algorithm for the planning of SEEG trajectories 08:00 - 08:00

Poster Presenter: Konrad Wagstyl, DE

Stereo-electroencephalography-guided radiofrequency thermocoagulation in patients with MRI-negative focal epilepsy 08:00 - 08:00

Poster Presenter: Ainara Barguilla, ES

Normative brain mapping of interictal intracranial EEG to localise epileptogenic tissue 08:00 - 08:00

Poster Presenter: Peter Neal Taylor, GB

A retrospective review of the pathology of epilepsy surgeries at a tertiary referral centre in Ireland 08:00 - 08:00

Poster Presenter: Michael Doyle, IE

SEEG-guided radiofrequency thermocoagulation in refractory focal epilepsy 08:00 - 08:00

Poster Presenter: Alexandra Balatskaya, RU

Lesion-focused stereotactic radiofrequency thermocoagulation for bottom of sulcus focal cortical dysplasia: Case series and call for prospective registry study 08:00 - 08:00

Poster Presenter: Tim Wehner, DE

Use of laser interstitial thermal therapy for pediatric TSC-associated epilepsy with multiple tubers 08:00 - 08:00

Poster Presenter: Matthias Tomschik, AT

Start of laser ablation (LiTT) in Spain: initial report of two reference centers 08:00 - 08:00

Poster Presenter: Rodrigo Rocamora, ES

Be Aware: The safety of temporarily pausing propofol to enable intraoperative electrocorticography during epilepsy surgery under general anesthesia 08:00 - 08:00

Poster Presenter: Dongqing Sun, NL

Preoperative anxiety predicts postoperative satisfaction in epilepsy surgery 08:00 - 08:00

Poster Presenter: Sallie Baxendale, GB

Clinical utility of semi-automatic electric source imaging of interictal discharges powered by Epilog in presurgical evaluation and surgical treatment decision making 08:00 - 08:00

Poster Presenter: Jelena Hyppönen, FI

The spatial relationship between the MRI lesion and intraoperative electrocorticography in focal epilepsy surgery 08:00 - 08:00

Poster Presenter: Sven Straumann, NL

Retrospective study of single pulse electrical stimulation (SPES) as a clinical tool during intracranial presurgical evaluation for drug resistant epilepsy 08:00 - 08:00

Poster Presenter: Antonio Valentin, GB

Epilepsy surgery in Latvia: results of the first 5 years of prospective database 08:00 - 08:00

Poster Presenter: Jurgis Strautmanis, LV

The hybrid 18F-FDG PET/MRI in pre-surgical evaluation of focal pediatric epilepsy: a multicentric study 08:00 - 08:00

Poster Presenter: Luca De Palma, IT

Implantation and reimplantation of intracranial EEG electrodes in patients considering epilepsy surgery 08:00 - 08:00

Poster Presenter: Pierre Mégevand, CH

Twenty-five years of epilepsy surgery at a Central European center – trends in intervention delay and outcomes 08:00 - 08:00

Poster Presenter: Vít Všíanský, CZ

Improving the localization of radiofrequency thermocoagulation using interictal stereo-EEG features in intractable focal epilepsy 08:00 - 08:00

Poster Presenter: Martin Pail, CZ

Partial disconnection surgery as an effective alternative in the treatment of refractory epilepsy: about two cases 08:00 - 08:00

Poster Presenter: Alvaro Juiz Fernandez, ES

Development and validation of the 5-SENSE score to predict focality of the seizure-onset zone as assessed by stereoelectroencephalography 08:00 - 08:00

Poster Presenter: Birgit Frauscher, CA

Increase the accuracy of invasive epilepsy treatment by using multimodality brain imaging 08:00 - 08:00

Poster Presenter: Albert Colon, NL

Surgical treatment of multifocal extratemporal epilepsy 08:00 - 08:00

Poster Presenter: Kostiantyn Kostyuk, UA

Resective epilepsy surgery: experiences from a multidisciplinary epilepsy team in Egypt 08:00 - 08:00

Poster Presenter: Nirmeen A. Kishk, EG

Extent of resection in long term epilepsy associated tumours 08:00 - 08:00

Poster Presenter: Alan Chalil, CA

Outcome of vagal nerve stimulation for intractable epilepsy: the study from Korean National Hospital Registry 08:00 - 08:00

Poster Presenter: Seo-Young Lee, KR

Machine Learning algorithm for surgical treatment outcome prediction in pediatric patients with epilepsy 08:00 - 08:00

Speaker: Luca De Palma, IT

Seizure-free outcome and safety of repeated epilepsy surgery for persistent or recurrent seizures 08:00 - 08:00

Poster Presenter: Christian Vollmar, DE

The long-term distribution of seizures in a mouse model of focal cortical dysplasia type II 08:00 - 08:00

Poster Presenter: Monika ?eho?ová, CZ

Focal neuronal lipofuscinosis causing medically refractory frontal lobe epilepsy: paediatric case report of an ultrarare histology in epilepsy surgery 08:00 - 08:00

Poster Presenter: Pradnya Gadgil, IN

Epileptogenic low grade gliomas: treatment results

08:00 - 08:00

Poster Presenter: Taras Havryliv, UA

Mood disturbances before and after resective surgery in pediatric epilepsy: preliminary findings

08:00 - 08:00

Poster Presenter: Cinzia Correale, IT

Hemispherotomy is the most efficient surgical procedure for drug-resistant hemispheric epilepsy in children

08:00 - 08:00

Poster Presenter: Petia Dimova, BG

Introducing of prospective quality of life assessment in pediatric epilepsy surgery patients: a pilot study

08:00 - 08:00

Poster Presenter: Anezka Belohlavkova, CZ

Fever during depth electrode prolonged extra-operative recordings: how common is it and what does it mean?

08:00 - 08:00

Poster Presenter: Catarina Caldeiras, PT

Defining spike propagation onset with electric source imaging predicts surgical outcome in children with drug-resistant epilepsy

08:00 - 08:00

Poster Presenter: Margherita A. G. Matarrese, IT

Seizure outcomes in persons with autism spectrum disorder undergoing epilepsy surgery: a systematic review

08:00 - 08:00

Poster Presenter: Churl-Su Kwon, US

Five nomograms and a scale to predict the outcome of epilepsy surgery – an external validation and head-to-head comparison study

08:00 - 08:00

Poster Presenter: Levente Hadady, HU

Comorbidities

08:00 - 19:00

Comorbidities

Rasmussen syndrome secondary to neuroinfection by Epstein Barr virus. Description of the first case in Venezuela

08:00 - 08:00

Poster Presenter: Luis Andres Dulcey Sarmiento, CO

Has the COVID-19 pandemic affected the seizure control status in patients with epilepsy?

08:00 - 08:00

Poster Presenter: Ali Asadi-Pooya, IR

Sleep disorders in people living with drug-resistant epilepsy

08:00 - 08:00

Poster Presenter: Ainara Barguilla, ES

Patient perspectives on anxiety and depression treatment and the collaborative care model of integrated care: A qualitative study

08:00 - 08:00

Poster Presenter: Heidi Munger Clary, US

	Exploring the experiences of self-determination of individuals with epilepsy and mild intellectual disabilities	08:00 - 08:00
	<i>Poster Presenter:</i> Alexandra Ilse Haenen, NL	
	Incidence and types of bone fractures in people with epilepsy: a retrospective nationwide cohort study in North Macedonia	08:00 - 08:00
	<i>Poster Presenter:</i> Emilija Cvetkovska, MK	
	Headaches in patients with epilepsy – prevalence and risk factors	08:00 - 08:00
	<i>Poster Presenter:</i> Magdalena Bosak, PL	
	Cannabidiol effects beyond seizures: preliminary data on emotional and behavioural symptoms and sleep quality	08:00 - 08:00
	<i>Poster Presenter:</i> Massimiliano Celario, IT	
<i>Drug Therapy</i> 08:00 - 19:00		
Drug Therapy		
	NCC-1566, a novel Kir channel activator suppressed SUDEP and Status Epilepticus, and could be a potential drug for Dravet syndrome treatment	08:00 - 08:00
	<i>Poster Presenter:</i> Takeshi Nanya, JP	
	Levetiracetam pharmacokinetics and its relation to seizure frequency in pregnant women with epilepsy	08:00 - 08:00
	<i>Poster Presenter:</i> Ilse Wegner, NL	
	Definition of drug-resistant epilepsy: a reappraisal based on epilepsy types	08:00 - 08:00
	<i>Poster Presenter:</i> Ali Asadi-Pooya, IR	
	Rational therapy with lamotrigine or levetiracetam: which one to select?	08:00 - 08:00
	<i>Poster Presenter:</i> Ali Asadi-Pooya, IR	
	Treatment outcomes by reason for adjunctive brivaracetam initiation in a real-life setting: post-hoc analysis of a European study	08:00 - 08:00
	<i>Poster Presenter:</i> Bernhard Steinhoff, DE	
	Big data analysis of ASM retention rates and expert ASM algorithm: a comparative study	08:00 - 08:00
	<i>Poster Presenter:</i> Samuel Håkansson, SE	
	Outcomes on efficacy and tolerability of cenobamate within an expanded access program	08:00 - 08:00
	<i>Poster Presenter:</i> Vicente Villanueva, ES	
	Phase 2b Efficacy and safety of XEN1101, a novel potassium channel opener, in adults with focal onset seizures (X-TOLE)	08:00 - 08:00
	<i>Poster Presenter:</i> Jacqueline French, US	
	Non-seizure related outcomes with real-world use of	08:00 - 08:00

cannabidiol in Lennox-Gastaut syndrome and Dravet syndrome: BECOME, a caregiver survey

Poster Presenter: Ngoc Minh D. Le, US

Seizure-related outcomes with real-world use of cannabidiol in Lennox-Gastaut syndrome and Dravet syndrome: BECOME, a caregiver survey

08:00 - 08:00

Poster Presenter: Ngoc Minh D. Le, US

Non-seizure-related benefits of cannabidiol among patients with Dravet or Lennox-Gastaut syndromes: a qualitative study

08:00 - 08:00

Poster Presenter: Lisa Moore-Ramdin, GB

Clinical Practice Evidence for Perampanel in Epilepsy Patients with Tumour aetiology

08:00 - 08:00

Poster Presenter: Antonietta Coppola, IT

Pediatric and adult patients outcomes of an expanded access use program of cannabidiol in Spain

08:00 - 08:00

Poster Presenter: Patricia Smeyers, ES

Sex differences in side effects of antiseizure medications in pediatric patients with epilepsy: a systematic review

08:00 - 08:00

Poster Presenter: Barbara Mostacci, IT

Perampanel for the Treatment of Patients with Myoclonic Seizures in Clinical Practice

08:00 - 08:00

Poster Presenter: Wendy D'Souza, AU

Perampanel as Early Add-on Therapy for Epilepsy Patients with Focal-Onset and Generalised-Onset Seizures Treated in Clinical Practice

08:00 - 08:00

Poster Presenter: Rob McMurray, GB

European Dravet Syndrome Advanced Therapies Working Group: an innovative patient-driven approach to accelerate research

08:00 - 08:00

Poster Presenter: Elena Cardenal-Muñoz, ES

Assessment of vitamin D status and its association with seizure frequency and antiepileptic drug therapy in persons with drug resistant epilepsy

08:00 - 08:00

Poster Presenter: Soumya Sucharita Pattnaik, IN

Relationship between the ketogenic diet and epileptic seizures - a retrospective study with outpatients at the Centro Universitário Saúde ABC, Santo André, Brazil

08:00 - 08:00

Poster Presenter: Daniela Bezerra, BR

Upconversion nanoparticle-mediated optogenetics as a potential therapy for epilepsy

08:00 - 08:00

Poster Presenter: Monica Alexander-Sylvester, SA

Quality and sleep disturbances in paediatric patients with focal epilepsy after initiation of Perampanel as add-on therapy:

08:00 - 08:00

preliminary data*Poster Presenter:* Gemma Aznar-Lain, ES

A mirroring clinical practice study of perampanel in adults and adolescents: assessment of the impact of perampanel on quality of life and sleep in patients with focal-onset seizures 08:00 - 08:00

Poster Presenter: Giovanni Assenza, IT

Assessment of cognition (EpiTrack[®]) and depression (Beck Depression Inventory-II) following perampanel (monotherapy/first adjunctive) in patients with epilepsy enrolled in the ELEVATE Phase IV study 08:00 - 08:00

Poster Presenter: Joon Y Kang, US

Digitalization in clinical epilepsy practice: methodology of BRITObA study supporting digital health tool for better patient – physician interactions and patient-reported outcomes collection 08:00 - 08:00

Poster Presenter: Iryna Leunikava, DE

Seizure treatment with olfactory training: a preliminary trial 08:00 - 08:00

Poster Presenter: Çiğdem Özkara, TR

Personalised therapeutic management of epileptic patients guided by pathway-driven breath metabolomics 08:00 - 08:00

Poster Presenter: Kapil Dev Singh, CH

Decrease in daily defined dose of antiseizure medications in Phase 3 trial of adjunctive cenobamate for focal seizures 08:00 - 08:00

Poster Presenter: Bernhard Steinhoff, DE

Final results of a mirroring clinical practice study of perampanel in adults and adolescents: a real-life, observational study of adjunctive perampanel for focal-onset seizures 08:00 - 08:00

Poster Presenter: Anna Gentile, IT

Effect of low dose (4 mg/day) perampanel on efficacy and safety outcomes from a mirroring clinical practice study of adjunctive perampanel in adults and adolescents with focal-onset seizures 08:00 - 08:00

Poster Presenter: Martina Chiacchiaretta, IT

Design of Study 603: a multicentre, retrospective study in patients from Korea with focal-onset seizures who converted to perampanel monotherapy 08:00 - 08:00

Poster Presenter: Ji Woong Seo, KR

Personalised epilepsy therapy: gender-specific use of antiepileptic drugs in patients with pharmacoresistant 08:00 - 08:00

Poster Presenter: Galina Odintsova, RU

Effectiveness of adjunctive perampanel in pediatric patients with drug-resistant epilepsy: an Italian multicenter observational cohort study 08:00 - 08:00

Poster Presenter: Sara Matricardi, IT

Eslicarbazepine in the treatment of status epilepticus 08:00 - 08:00

Poster Presenter: Yaroslav Winter, DE

Real-world healthcare costs related to long or short-half-life antiseizure medication use 08:00 - 08:00

Poster Presenter: Omar Samad, US

Clinical characteristics of patients achieving seizure freedom in a phase 2 trial evaluating adjunctive cenobamate 08:00 - 08:00

Poster Presenter: Christian Brandt, DE

Sleep-wake cycle and daytime sleepiness in patients with epilepsy after initiating perampanel as adjunctive therapy 08:00 - 08:00

Poster Presenter: Mariana Fernandes, IT

Sleep architecture improvement after lacosamide monotherapy in patients with epilepsy 08:00 - 08:00

Poster Presenter: Clementina Lupo, IT

Adjunctive cenobamate in severe drug-resistant epilepsy: an Irish retrospective cohort study 08:00 - 08:00

Poster Presenter: Javier Peña-Ceballos, IE

Efficacy of perampanel in patients with Unverricht-Lundborg disease (EPM1) 08:00 - 08:00

Poster Presenter: Magdalena Bosak, PL

Safety of brand-to-generic lacosamide switch - a prospective observational study 08:00 - 08:00

Poster Presenter: Magdalena Bosak, PL

Retrospective chart review study of use of cannabidiol (CBD) independent of concomitant clobazam in patients with Lennox-Gastaut syndrome or Dravet syndrome: interim analysis 08:00 - 08:00

Poster Presenter: Charlotte Nortvedt, GB

Quantitative EEG analysis during the MONARCH Phase 1/2 study of STK-001, an antisense oligonucleotide (ASO), in Dravet syndrome (DS) 08:00 - 08:00

Poster Presenter: Javier Avendaño, US

Assessment of the unmet medical needs for patients with Lennox-Gastaut syndrome: a survey in collaboration with the European Collaboration for Epilepsy Trials Consortium 08:00 - 08:00

Poster Presenter: Alexis Arzimanoglou, FR

The impact of disease severity on efficacy from a Phase 2b study of XEN1101, a novel potassium channel opener, in adults with focal epilepsy (X-TOLE) 08:00 - 08:00

Poster Presenter: Cynthia Harden, CA

Rapid onset of efficacy of XEN1101, a novel potassium channel opener, in adults with focal epilepsy: results from a Phase 2b study (X-TOLE) 08:00 - 08:00

Poster Presenter: Chris Kenney, CA

Patients' perspectives on reasons for variable adherence to 08:00 - 08:00

antiseizure medications*Poster Presenter:* Oliver Henning, NO**Oxcarbazepine and hyponatremia**

08:00 - 08:00

Poster Presenter: Giedrė Gelžinienė, LT**ELEVATE Study 410: perampanel as monotherapy or first adjunctive therapy in patients with focal-onset seizures or generalised tonic-clonic seizures: analysis by patient age**

08:00 - 08:00

Poster Presenter: Omar Samad, US**Cannabidiol use in a patient with multiple comorbidities**

08:00 - 08:00

Poster Presenter: Roberta Coa, IT**Safety and efficacy of third-generation antiseizure medications: real-world data from a multicentric retrospective study**

08:00 - 08:00

Poster Presenter: Roberta Roberti, IT**ELEVATE Study 410 of perampanel as monotherapy or first adjunctive therapy in patients with focal-onset seizures or generalised tonic-clonic seizures: analysis by first-line enzyme-inducing anti-seizure medication use**

08:00 - 08:00

Poster Presenter: Pavel Klein, US**Effect of number of concomitant anti-seizure medications at baseline on efficacy and safety outcomes from a mirroring clinical practice study of perampanel in adults and adolescents**

08:00 - 08:00

Poster Presenter: Antonio Gambardella, IT**Cumulative plasma concentration exposure, not singular concentrations, best explains the correlation for brivaracetam and levetiracetam to photoparoxysmal response elimination in patients with photosensitive epilepsy: updated exploratory results from a randomized, double-blind, crossover study**

08:00 - 08:00

Poster Presenter: Ronald Reed, US**Study 512 design: a prospective, observational, multicentre study of perampanel as first adjunctive therapy in routine clinical care of patients aged ≥12 years with focal-onset seizures or generalised tonic-clonic seizures associated with idiopathic generalised epilepsy**

08:00 - 08:00

Poster Presenter: Ricardo Sáinz-Fuertes, GB**Effect of sex on efficacy and safety outcomes from a mirroring clinical practice study of perampanel in adults and adolescents**

08:00 - 08:00

Poster Presenter: Maria Paola Canevini, IT**Final results of Study 505, a post-marketing surveillance study of perampanel film-coated tablets and oral suspension in Korean patients**

08:00 - 08:00

Poster Presenter: Sang Kun Lee, KR**Real-life experience of brivaracetam in focal to bilateral and primary generalized tonic-clonic seizures**

08:00 - 08:00

Poster Presenter: Ariadna Gifreu, ES

The effects of some <i>Stachys</i> L. and <i>Teucrium</i> L. species growing in Turkey in the pentylenetetrazol (PTZ) model of seizures	08:00 - 08:00
<i>Poster Presenter:</i> Kamuran Ileri Ozler, TR	
Cannabidiol for refractory adult epilepsies: broadening the Lennox-Gastaut phenotype?	08:00 - 08:00
<i>Poster Presenter:</i> Shanika Samarasekera, GB	
Clustering of anti-seizure medication prescription sequences from US claims data	08:00 - 08:00
<i>Speaker:</i> John Hixson, US	
First experience with cenobamate in children and adolescents	08:00 - 08:00
<i>Poster Presenter:</i> Konstantin L. Makridis, DE	
Long-term post-marketing experience with Brivaracetam in epilepsy treatment: longitudinal multicentre study with up to 5 years of follow-up	08:00 - 08:00
<i>Poster Presenter:</i> Isabelle Beuchat, CH	
Levetiracetam prophylaxis therapy for brain tumor-related epilepsy (BTRE) is associated with a higher psychiatric burden	08:00 - 08:00
<i>Poster Presenter:</i> Stefano Consoli, IT	
Efficacy and safety of adjunctive cenobamate in patients with super-refractory focal epilepsy	08:00 - 08:00
<i>Poster Presenter:</i> María Machío Castelló, ES	
Evaluation of suicidality safety reports in epilepsy patients treated with eslicarbazepine acetate	08:00 - 08:00
<i>Poster Presenter:</i> Luis Guedes, PT	
Highly purified cannabidiol for children with Lennox Gastaut syndrome with different aetiology: effect on seizures, EEG, behavioural and adaptive functions	08:00 - 08:00
<i>Poster Presenter:</i> Domenica Immacolata Battaglia, IT	
Frequently reported AEs leading to perampanel discontinuation	08:00 - 08:00
<i>Poster Presenter:</i> Galina Odintsova, RU	
Spectrum EEG analysis signal to evaluate the sleep quality in pediatric patients with sleep disturbance and drug resistant focal epilepsy treated with adjunctive perampanel	08:00 - 08:00
<i>Poster Presenter:</i> Angelo Russo, IT	
Inadequate pregabalin dosage is insufficient for optimal control of epilepsy with focal seizures and concomitant generalized anxiety disorder	08:00 - 08:00
<i>Poster Presenter:</i> Joanna J?drzejczak, PL	
The long-term effects of Fenfluramine on European patients with Dravet syndrome and their families: a qualitative analysis	08:00 - 08:00
<i>Poster Presenter:</i> Amélie Lothe, GB	
<i>In vitro</i> mRNA expression signature of epileptogenic chemoconvulsants	08:00 - 08:00

Poster Presenter: Natallie Kajevu, FI

Epidemiology

08:00 - 19:00

Epidemiology

COVID-19 as a neurological disease in a Latin American hospital 08:00 - 08:00

Poster Presenter: Luis Andres Dulcey Sarmiento, CO

Sudden death in epilepsy, a cohort study of 10 years of follow-up in an institution in Latin America 08:00 - 08:00

Poster Presenter: Luis Andres Dulcey Sarmiento, CO

Prevalence of rare and complex epilepsies among adult patients at the Kork Epilepsy Center 08:00 - 08:00

Poster Presenter: Bernhard Steinhoff, DE

Long-term prognosis of idiopathic generalized epilepsies (IGE): treatment withdrawal and predictors of seizure control 08:00 - 08:00

Poster Presenter: Maria Magdalena Rosselló Vadell, ES

Late-onset epilepsy and risk of premature death: the complex role of comorbidities 08:00 - 08:00

Poster Presenter: Colin Josephson, CA

Methods and circumstances of suicide in epilepsy: a population-based study in Sweden 08:00 - 08:00

Poster Presenter: Sara Melin, SE

A case-control study developing the Scottish Epilepsy Deaths Study Score (SEDS Score) as a risk prediction model for epilepsy-related deaths 08:00 - 08:00

Poster Presenter: Gashirai K Mbizvo, GB

Drug-resistant epilepsy in Casablanca-Settat region, Morocco: a cross-sectional study 08:00 - 08:00

Poster Presenter: El Bachir HAJJI, MA

Cultural aspects of epilepsy management among school children in Egyptian rural communities: a cross-sectional community-based study 08:00 - 08:00

Poster Presenter: Fathy M Afify Nasra, EG

Epilepsy mortality in Wales during COVID-19 08:00 - 08:00

Poster Presenter: William Owen Pickrell, GB

Incidence of febrile seizures post-covid vaccination in children 08:00 - 08:00

Poster Presenter: Sebastian Ortiz De la Rosa, CO

Needs assessment study to improve care outcomes among neurological-neurosurgical patient population in Western Kenya 08:00 - 08:00

Speaker: Jane von Gaudecker, US

Epilepsy monitoring in children in a mixed unit for the last 8 08:00 - 08:00

years: characteristics and results*Poster Presenter:* Gemma Aznar-Lain, ES**Estimation of the percentage of the need for antiseizure medications in Ukraine in the conditions of the beginning of the war**

08:00 - 08:00

Poster Presenter: Andriy Dubenko, UA*Adult Epileptology*

08:00 - 19:00

Adult Epileptology**First seizure as an atypical manifestation of meningeal uveus syndrome**

08:00 - 08:00

Poster Presenter: Luis Andres Dulcey Sarmiento, CO**Relapse risk in new onset epilepsy**

08:00 - 08:00

Poster Presenter: Eric Ménétré, CH**Mental clarity induced by electrical stimulation of the dorsal anterior insula**

08:00 - 08:00

Poster Presenter: Fabienne Picard, CH**Psychogenic non epileptic seizures: are they a freeze reaction?**

08:00 - 08:00

Poster Presenter: Moshe Herskovitz, IL**Intention-to-use and constraints of a seizure detection device. What patients with drug-resistant epilepsy say**

08:00 - 08:00

Poster Presenter: Margaux Jean, FR**Treatment outcome following the transition to adult epilepsy care in childhood-onset epilepsy**

08:00 - 08:00

Poster Presenter: Dong Won Kwak, KR**Improper behavior with nose-drill und laughter: gelastic seizures (GS) outside hypothalamus in adults**

08:00 - 08:00

Poster Presenter: Christian Tilz, DE**Knowledge about SUDEP: from fear to the reality. What people with epilepsy and families in Brazil think about counseling: when, who, how and what might change after information?**

08:00 - 08:00

Poster Presenter: Lecio Figueira Pinto, BR**The association of early epileptic seizures after ischaemic stroke with impact on stroke outcome and occurrence of late seizures**

08:00 - 08:00

Poster Presenter: Agn? Šmigelskyt?, LT**Unusual seizure trigger: seizure triggered by eating**

08:00 - 08:00

Poster Presenter: Amal Alkhotani, SA**Retrospective case series of seizures in systemic lupus erythematosus patients**

08:00 - 08:00

Poster Presenter: Woojun Kim, KR

Spectral power of interictal EEG in Epilepsy and Functional non-epileptic seizures <i>Poster Presenter:</i> Pedro F. Viana, GB	08:00 - 08:00
Impact of number of lifetime antiseizure medications on 12-month effectiveness, quality of life and tolerability outcomes of adjunctive brivaracetam in patients with focal seizures: post-hoc analysis of a real-world European study <i>Poster Presenter:</i> John Paul Leach, GB	08:00 - 08:00
Epilepsy and COVID-19 infection <i>Poster Presenter:</i> Gordana Kiteva-Trenchevska, MK	08:00 - 08:00
Advanced behavioral age based on smartphone interactions in people with epilepsy <i>Poster Presenter:</i> Johanna W Bunschoten, NL	08:00 - 08:00
Cause-specific mortality after epilepsy surgery: a retrospective cohort study of tertiary epilepsy center <i>Poster Presenter:</i> Judith Jud, AT	08:00 - 08:00
Pseudoresistance in idiopathic generalized epilepsies <i>Poster Presenter:</i> Joanna Gesche, DK	08:00 - 08:00
Use of machine learning for predicting levetiracetam treatment outcome in temporal lobe epilepsy <i>Poster Presenter:</i> Lorenzo Ricci, IT	08:00 - 08:00
Immunotherapy responses of patients with suspected autoimmune-associated epilepsy with negative neural antibody testing <i>Poster Presenter:</i> Norah ALKhaldi, CA	08:00 - 08:00
Prevalence and risk factors of post stroke epilepsy in young population in Taiwan <i>Poster Presenter:</i> Phuong Thao Do, TW	08:00 - 08:00
The EPilepsy outcome Set for Effectiveness Trials project (EPSET): developing a core outcome set for adults with epilepsy <i>Poster Presenter:</i> James W Mitchell, GB	08:00 - 08:00
Risk assesment of sudden death in epilepsy, a litterature overview <i>Poster Presenter:</i> Chris Serrand, FR	08:00 - 08:00
Quantitative EEG analysis in the differential diagnosis of acute amnesic syndromes <i>Poster Presenter:</i> Biagio Maria Sancetta, IT	08:00 - 08:00
Neuropsychological and Electroencephalographic effects of adjunctive Cenobamate treatment: data from an ongoing prospective observational study <i>Poster Presenter:</i> Carlo Vico, IT	08:00 - 08:00
Risk factors for epilepsy after aneurismal subarachnoid	08:00 - 08:00

hemorrhage*Poster Presenter:* Daniel Campos-Fernández, ES**Drug-resistant temporal lobe epilepsy: analysis of morphological results in operated adult patients**

08:00 - 08:00

Poster Presenter: Galina Odintsova, RU**Seizure prediction after a first unprovoked epileptic seizure: current status of the Swiss First Study**

08:00 - 08:00

Poster Presenter: Baudouin Zongxin Jin, CH**Increased prevalence of minor physical anomalies in patients with epilepsy - results with the Méhes Scale**

08:00 - 08:00

Poster Presenter: Dalma Tényi, HU**Outcome in bilateral temporal lobe epilepsy after treatment with vagus nerve stimulation**

08:00 - 08:00

Poster Presenter: Ashwaq Alshahrani Ana Suller Marti, CA**Can disruption of basal ganglia-thalamocortical circuit in Wilson disease be associated with Juvenile myoclonic epilepsy phenotype?**

08:00 - 08:00

Poster Presenter: Jessica Rossi, IT**Long-term safety and tolerability of eslicarbazepine acetate in an Asian adult population with focal seizures: results from a randomized, double blind, placebo-controlled study with two open label parts**

08:00 - 08:00

Poster Presenter: Ana Pereira, PT**A mobile and wearable app to forecast seizure risk: a real-word validation and usability study**

08:00 - 08:00

Poster Presenter: Rachel Stirling, AU**Interictal autonomic dysfunction is not associated with the frequency of focal-to-bilateral tonic-clonic seizures**

08:00 - 08:00

Poster Presenter: Alla Guekht, RU**Are ultra long-term EEG devices suitable for the job to be done?**

08:00 - 08:00

Poster Presenter: Jonas Duun-Henriksen, DK**Comparing communication in face-to-face and telephone epilepsy consultations**

08:00 - 08:00

Poster Presenter: Markus Reuber, GB**Asymmetric sleep in patients with focal epilepsy**

08:00 - 08:00

Poster Presenter: Laurent Sheybani, CH**Psychogenic non-epileptic seizures (PNES) in the COVID-19 pandemic era: a systematic review with individual patient data analysis**

08:00 - 08:00

Poster Presenter: Bruna Nucera, IT**The design of a multicentre, double-blind, randomized, placebo-controlled, Phase II trial in the prevention of epilepsy in stroke patients at high risk of unprovoked seizures: anti-epileptogenic**

08:00 - 08:00

effects of eslicarbazepine acetate*Poster Presenter:* Matthias Koepp, GB**Drug concentrations in adult patients with drug-resistant epilepsy treated with old and new generation drugs: association with patient characteristics**

08:00 - 08:00

Poster Presenter: Elżbieta Szczygieł-Pilut, PL**Factors influencing the concentration of valproic acid in patients with diagnosed epilepsy**

08:00 - 08:00

Poster Presenter: Elżbieta Szczygieł-Pilut, PL**The first documented in Poland mutation of the PDCD10 gene as the cause of multiple cavernous hemangiomas in the brain in a 23-year-old patient**

08:00 - 08:00

Poster Presenter: Elżbieta Szczygieł-Pilut, PL**Extremely different clinical response in patients with grey matter heterotopia and epilepsy**

08:00 - 08:00

Poster Presenter: Elżbieta Szczygieł-Pilut, PL**Adults with Lennox-Gastaut Syndrome (LGS) have improved everyday executive functioning (EF) with fenfluramine (Fintepla®)**

08:00 - 08:00

Poster Presenter: Kim I. Bishop, US**Cardiogenic syncope presenting as seizures following COVID-19 infection**

08:00 - 08:00

Poster Presenter: Abuhuziefa Abubakr, US-
08:00 - 19:00**Posters***Genetics*
08:00 - 19:00**Genetics****Predictive indices for the efficacy of genetic panels in pediatric epilepsy**

08:00 - 08:00

Poster Presenter: Bruria Ben Zeev, IL**Outcomes in people with developmental and epileptic encephalopathies surviving into adulthood: what happens?**

08:00 - 08:00

Poster Presenter: Angeliki Vakrinou, GB**Comparison of variant effects in SCN-gene paralogs predict function across sodium channelopathies**

08:00 - 08:00

Poster Presenter: Tony Feng, GB**Epilepsy and GATOR1 variants – expanding the clinical spectrum**

08:00 - 08:00

Poster Presenter: Femke N.G. van 't Hof, NL**Mutation landscape in 155 children with developmental and**

08:00 - 08:00

epileptic encephalopathies*Poster Presenter:* Christian Korff, CH

Genetic polymorphisms of dopamine receptors are not related with depression in temporal lobe epilepsy caused by hippocampal sclerosis 08:00 - 08:00

Poster Presenter: Kette Valente, BR

Diagnostic yield of targeted monogenic epilepsies genes panel sequencing: report of our experience in Lyon, France 08:00 - 08:00

Poster Presenter: Pauline MONIN, FR

Progressive myoclonus epilepsy: a new variant mutation in the neuroserpin gene 08:00 - 08:00

Poster Presenter: Víctor Manuel Pérez Navarro, ES

Beyond monogenic: widespread genomic influences on the phenotype in Dravet syndrome 08:00 - 08:00

Poster Presenter: Lisa M Clayton, GB

Insular epilepsy related to *KCNT1* missense variants: report of two cases investigated by SEEG 08:00 - 08:00

Poster Presenter: Julie Bourgeois-Vionnet, FR

Two additional cases of developmental and epileptic encephalopathies related to *SZT2* pathogenic variants 08:00 - 08:00

Poster Presenter: Pauline MONIN, FR

Genotype and phenotypic features of *POU3F3*-related disorders 08:00 - 08:00

Poster Presenter: Alessandra Rossi, DK

Linking whole exome sequencing with electronic health care record – a proof of concept epilepsy genomics linkage study 08:00 - 08:00

Poster Presenter: Beata Fonferko-Shadrach, GB

Eating difficulties and gastrostomy in adults with Dravet syndrome: a single-centre experience 08:00 - 08:00

Poster Presenter: Lisa M Clayton, GB

Epilepsy and neurodevelopmental disorder associated with *TAOK1* gene: a relationship to take into account 08:00 - 08:00

Poster Presenter: Alvaro Juiz Fernandez, ES

Abnormal sensory motor cortex and thalamo-cortical networks in familial adult myoclonic epilepsy type 2 08:00 - 08:00

Poster Presenter: Antonietta Coppola, IT

10 years of CGH for epilepsy indication at the University Hospital of Lyon (France) - diagnostic yield, identified CNVs and strategy in the genome sequencing era 08:00 - 08:00

Poster Presenter: Evan GOUY, FR

A rare cause of recurrent FIRES 08:00 - 08:00

Poster Presenter: Maria Cristina Cioclu, IT

A novel *SCN1A* missense mutation in familial Dravet syndrome 08:00 - 08:00

Poster Presenter: Alba Sierra-Marcos, ES

Epileptic spasms due to CAMK2 gene mutations: description of two cases 08:00 - 08:00

Poster Presenter: Angela De Dominicis, IT

Cortical visual impairment in CDKL5 deficiency disorder 08:00 - 08:00

Poster Presenter: Domenica Immacolata Battaglia, IT

The clinical utility of genetic testing on patients with developmental and epileptic encephalopathies 08:00 - 08:00

Poster Presenter: Anni Saarela, FI

Movement disorders as a part of the SCN8A-phenotypic spectrum 08:00 - 08:00

Poster Presenter: Margherita Aluffi Valletti, IT

The efficacy of Levetiracetam in SCN8A-epilepsy 08:00 - 08:00

Poster Presenter: Angelica Pisati, IT

The p.Glu787Lys variant in the GRIA3 gene causes developmental and epileptic encephalopathy mimicking structural epilepsy in a female patient 08:00 - 08:00

Poster Presenter: Anastasia Martinez-Esteve Melnikova, ES

Whole-exome sequencing of ovarian teratoma in NMDAR-antibody encephalitis 08:00 - 08:00

Poster Presenter: Yoonhyuk Jang, KR

Effects of the ketogenic diet and modified Atkins diet in patients with STXBP1-related encephalopathy 08:00 - 08:00

Poster Presenter: Se Hee Kim, KR

Neuroimaging
08:00 - 19:00

Neuroimaging

First seizure: using eeg to distinguish epilepsy vs non-epilepsy patients after a first event 08:00 - 08:00

Poster Presenter: Jolan Heyse, BE

Radiomics-based magnetic resonance imaging analysis potentially differentiate patients with juvenile myoclonic epilepsy from healthy controls 08:00 - 08:00

Poster Presenter: Heewon Hwang, KR

Automated characterisation and lateralisation of hippocampal sclerosis from MRI in children with epilepsy 08:00 - 08:00

Poster Presenter: Mathilde Ripart, GB

The effect of interictal spikes on the brain regions involved in sudden unexpected death in epilepsy: a pilot study 08:00 - 08:00

Poster Presenter: Stefano Meletti, IT

The role of the amygdala in ictal central apnea: new insights 08:00 - 08:00

from brain MRI structural morphometry and long-term video EEG monitoring

Poster Presenter: Elisa Micalizzi, IT

Clinical benefit of the HARNESS?MRI protocol for focal epilepsy: a monocenter prospective study

08:00 - 08:00

Poster Presenter: Anna Elisabetta Vaudano, IT

Relationship between visuoperceptual functions and parietal structural abnormalities in temporal lobe epilepsy

08:00 - 08:00

Poster Presenter: Elena Fonseca, ES

Increased vulnerability of brain networks in focal epilepsy is driven by local topology reorganization

08:00 - 08:00

Poster Presenter: Dumitru Ciolac, DE

[¹¹C]metoclopramide PET-MR for the in vivo exploration of P-glycoprotein function at the blood-brain barrier in patients with drug-resistant and drug-sensitive epilepsy

08:00 - 08:00

Poster Presenter: Myriam El Biali, AT

Integration of high-resolution ultra-high-field 7T magnetic resonance imaging into clinical care of epilepsy patients: first results

08:00 - 08:00

Poster Presenter: Piotr Radojewski, CH

Diffusion kurtosis parameters show a higher difference between focal cortical dysplasia and healthy tissue than standard diffusion parameters

08:00 - 08:00

Poster Presenter: David Kala, CZ

EEG markers for long-term, ambulatory monitoring of absences

08:00 - 08:00

Poster Presenter: Silvano R. Gefferie, NL

Understanding BOLD signal variability in paediatric epilepsy

08:00 - 08:00

Poster Presenter: Roy Eagleson, CA

Dynamic segregation and integration during interictal epileptic discharges revealed by connectome spectrum analyses

08:00 - 08:00

Poster Presenter: Isotta Rigoni, CH

Detecting electrical discharges using MRI: insights to the neuronal current imaging sequence and results in patients with first unprovoked epileptic seizure

08:00 - 08:00

Poster Presenter: Baudouin Zongxin Jin, CH

Delphos 2.0: detecting and tracking the fine temporal dynamics of oscillations in intracerebral EEG

08:00 - 08:00

Poster Presenter: Nicolas Roehri, CH

How anterior temporal lobe resection affects reading networks in patients with temporal lobe epilepsy – Insights of a reading functional MRI study

08:00 - 08:00

Poster Presenter: Michelle Schwarz, AT

Functional reorganization of language networks after temporal

08:00 - 08:00

lobe resection*Poster Presenter:* Silvia Bonelli, AT**Brain morphometry from post-contrast MRI to analyze data from first-seizure patients acquired with clinical protocols** 08:00 - 08:00*Poster Presenter:* Michael Rebsamen, CH**Anatomical and functional alterations in juvenile myoclonic epilepsy: voxel-based morphometry and resting-state fMRI study** 08:00 - 08:00*Poster Presenter:* Emel Ur Özçelik, TR**Network characterization of the prefrontal cortex in children with intractable epilepsy** 08:00 - 08:00*Poster Presenter:* Roy Eagleson, CA**Assessing and predicting visual outcomes after anterior temporal lobectomy and selective amygdohippocampectomy – a quantitative comparison of clinical and tractography data** 08:00 - 08:00*Poster Presenter:* Philip Pruckner, AT**The cost-effectiveness of the HARNESS MRI protocol in focal drug-resistant epilepsy in a limited-resources country: an Egyptian study** 08:00 - 08:00*Poster Presenter:* Nirmeen A. Kishk, EG**Automatic and manual segmentation of the piriform cortex: method development and application to patients with mesial temporal lobe epilepsy** 08:00 - 08:00*Poster Presenter:* David Steinbart, DE*Basic Science*

08:00 - 19:00

Basic Science**Development of behavioral patterns in young *Scn1a* haploinsufficient mice** 08:00 - 08:00*Poster Presenter:* Maria Reiber, DE**Sexually dimorphic microRNAs dysregulation in neonatal recurrent seizure models** 08:00 - 08:00*Poster Presenter:* Shivani Sonawane, CZ**Effects of structurally related antiepileptic drugs of the dibenzazepine family on human Na_v1.2 sodium channels** 08:00 - 08:00*Poster Presenter:* Kunihiro Araki, DE**Preexistent gut microbiome profiles determine the risk of post-traumatic epilepsy** 08:00 - 08:00*Poster Presenter:* Andrey Mazarati, US**Semi-supervised classification of iEEG using temporal autoencoder neural network** 08:00 - 08:00*Poster Presenter:* Petr Nejedly, CZ

Apnoeas and bradyarrhythmias during spontaneous tonic-clonic seizures in rats with hippocampal epileptic foci <i>Poster Presenter:</i> Karolina Liska, CZ	08:00 - 08:00
Chronic iEEG recordings and interictal spike rate reveal multiscale temporal modulations in seizure states <i>Poster Presenter:</i> Yujiang Wang, GB	08:00 - 08:00
Sulforaphane ameliorates metabolic changes associated with status epilepticus in immature rats <i>Poster Presenter:</i> Jakub Otáhal, CZ	08:00 - 08:00
Neurofilament light chain in the interstitial fluid of the mouse brain, a novel biomarker for epilepsy? <i>Poster Presenter:</i> Marie-Laure Custers, BE	08:00 - 08:00
Structural and molecular characterization of the gut-brain axis in a rat model of acquired epilepsy <i>Poster Presenter:</i> Teresa Ravizza, IT	08:00 - 08:00
The effect of the 6-hydroxydopamine induced nigrostriatal pathway degeneration on cortical glutamatergic neurons <i>Poster Presenter:</i> Nursima Mutlu, TR	08:00 - 08:00
Histological and electrophysiological correlates of posttraumatic spike-wave discharges in rats <i>Poster Presenter:</i> Ilia Komoltsev, RU	08:00 - 08:00
Changes of chloride cotransporters in mesial temporal lobe epilepsy patients <i>Poster Presenter:</i> Won-Joo Kim, KR	08:00 - 08:00
Sleep and temperature dysregulation in a mouse model of Dravet syndrome <i>Poster Presenter:</i> Saja Fadila, IL	08:00 - 08:00
Targeting the Sigma-1 protein: efficacy of the positive Sigma-1 modulator E1R in the amygdala kindling model of temporal lobe epilepsy <i>Poster Presenter:</i> Eva-Lotta von Rüden, DE	08:00 - 08:00
Long-term outcomes and disease progression in an infantile rat model of acquired epilepsy <i>Poster Presenter:</i> Rossella Di Sapia, IT	08:00 - 08:00
Regeneration in 60- and 90-day old genetic absence epilepsy rats induced by the 6- hydroxydopamine in the medial forebrain bundle <i>Poster Presenter:</i> Özge Sarıyıldız, TR	08:00 - 08:00
Evaluation of the activity of dopaminergic neurons in ventral tegmental area in rats after 6-hydroxydopamine injection <i>Poster Presenter:</i> Elif Tuğçe Erdev, TR	08:00 - 08:00
Association of autonomic nervous functions, peripheral nervous functions and insulin resistance in recently diagnosed	08:00 - 08:00

type 2 diabetes mellitus*Poster Presenter:* Kiran Prakash, IN**Hippocampal seizures strongly modulate the activity of locus coeruleus neurons**

08:00 - 08:00

Poster Presenter: Sielke Caestecker, BE**Pericardial injection of kainic acid in zebrafish larvae induces spontaneous and chronic epileptic seizures**

08:00 - 08:00

Poster Presenter: Lise Heylen, BE**Higher susceptibility to 6 Hz corneal kindling and lower responsiveness to antiseizure drugs in mouse models of Alzheimer's disease**

08:00 - 08:00

Poster Presenter: Maxime Vande Vyver, BE**Modulation of AMPA receptors as therapeutic strategy to counteract neuronal hyperexcitability and cognitive deficits in mouse models of cerebral amyloidosis**

08:00 - 08:00

Poster Presenter: Antonio Leo, IT**Seizure susceptibility to various convulsant stimuli in BTBR mouse model of autism spectrum disorders**

08:00 - 08:00

Poster Presenter: Rita Citraro, IT**Comparing data- and model-driven approaches to identify epileptic brain states in rat and human electrophysiology**

08:00 - 08:00

Poster Presenter: Isa Dallmer-Zerbe, CZ**Increased seizure susceptibility and disturbed cognitive performance after intracerebroventricular injections of NMDAR antibody in passive transfer rat model of autoimmune encephalitis**

08:00 - 08:00

Poster Presenter: Sura Akat Piskin, TR**Does cannabidiol fail to suppress spontaneous seizures in the intrahippocampal kainic acid mouse model of mesial temporal lobe epilepsy?**

08:00 - 08:00

Poster Presenter: Sofie Bournons, BE**Quantitative EEG changes during episodes of treatment-refractory status epilepticus in children**

08:00 - 08:00

Poster Presenter: Richard Burman, GB**In vitro effects of brivaracetam in an astrocyte-microglia co-culture model of inflammation**

08:00 - 08:00

Poster Presenter: Fatme Seval Ismail, DE**Dissecting the contribution of hippocampal and non-hippocampal high frequency oscillations in human memory**

08:00 - 08:00

Poster Presenter: Estefanía Conde Blanco, ES**The third-generation antiepileptic drug, eslicarbazepine improved seizures induced cognitive decline in rats: role of inflammation, oxidative stress, and apoptosis**

08:00 - 08:00

Poster Presenter: Bikash Medhi, IN

The effect of optogenetic activation of hippocampal interneurons on interictal epileptiform discharges 08:00 - 08:00

Poster Presenter: Jan Kudláček, CZ

Fluctuations in DC potential and extracellular potassium concentrations precede seizures *in vitro* 08:00 - 08:00

Poster Presenter: Jan Chvojka, CZ

Pathological high-frequency oscillations mark the area of endogenous epileptogenicity in focal cortical dysplasia type II model 08:00 - 08:00

Poster Presenter: Jan Chvojka, CZ

BIDS Manager-Pipeline: a framework for multi-subject analysis in electrophysiology 08:00 - 08:00

Poster Presenter: Samuel Medina Villalon, FR

Fishing for antiseizure drugs in the North Sea, the discovery of halimide and plinabulin 08:00 - 08:00

Poster Presenter: Daniëlle Copmans, BE

Timing matters for seizure-independent localization of the epileptogenic zone 08:00 - 08:00

Poster Presenter: Petr Klimes, CZ

Neurostimulation

08:00 - 19:00

Neurostimulation

Transcranial focal cortex stimulation (FCS) using the EASEE System to treat pharmacoresistant focal epilepsy: Anti-seizure efficacy in two prospective clinical trials 08:00 - 08:00

Poster Presenter: Andreas Schulze-Bonhage, DE

Results of Vagal Nerve Stimulation in a cohort of difficult to treat epilepsy occurring in rare disease 08:00 - 08:00

Poster Presenter: Daniele Grioni, IT

Insular function in blood pressure and systemic vascular resistance regulation 08:00 - 08:00

Poster Presenter: Alvaro Sanchez-Larsen, ES

Vagus nerve stimulation in a real-life setting: indications, results and the search for beneficial profiles in a Brazilian cohort 08:00 - 08:00

Poster Presenter: Isabella D'andrea, BR

Vagus nerve stimulation mediated perturbation alters EEG connectivity in epileptic patients: a graph theory connectivity study 08:00 - 08:00

Poster Presenter: Giovanni Assenza, IT

Optimal vagus nerve stimulation and titration for patients with 08:00 - 08:00

drug-resistant epilepsy*Poster Presenter:* Ryan Verner, GB**CORE-VNS: a prospective outcomes registry of people with drug-resistant epilepsy treated with vagus nerve stimulation therapy - full cohort demographics**

08:00 - 08:00

Poster Presenter: Firas Fahoum, IL**Vagus nerve stimulation-evoked pupillary responses in epileptic patients: dose-dependency and control stimulation study**

08:00 - 08:00

Poster Presenter: Simone Vespa, BE**MRI-assessed locus coeruleus integrity linked to responsiveness to vagus nerve stimulation in patients with drug-resistant epilepsy**

08:00 - 08:00

Poster Presenter: Alexandre Berger, BE**Personalized multichannel transcranial direct current electrical stimulation guided by SEEG in drug resistant focal epilepsies**

08:00 - 08:00

Poster Presenter: Maeva Daoud, FR**Multicenter long-term evaluation of safety and efficacy aspects of anterior thalamic deep brain stimulation**

08:00 - 08:00

Poster Presenter: Elisabeth Kaufmann, DE**Ictal and interictal features of local field potentials recorded from the anterior thalamic nucleus of epilepsy patients performing deep brain stimulation with the Percept™ PC system**

08:00 - 08:00

Poster Presenter: Catarina Caldeiras, PT**Tracking cortical excitability dynamics with transcranial magnetic stimulation in focal epilepsy**

08:00 - 08:00

Poster Presenter: Robert M. Helling, NL**Effectiveness of personalized microburst vagus nerve stimulation (mVNS) in patients with bilateral onset tonic clonic seizures (BTCS)**

08:00 - 08:00

Poster Presenter: Kristl Vonck, BE**Non-invasive neuromodulation for seizures and epilepsy: evidence-based literature review and clinical application**

08:00 - 08:00

Poster Presenter: Robert Turner, US**Does Val66Met polymorphism of BDNF influence clinical response to vagal nerve stimulation in subjects with drug-resistant epilepsy?**

08:00 - 08:00

Poster Presenter: Roberta Coa, IT**Effects of vagal nerve stimulation on EEG aperiodic parameters in subjects affected by drug-resistant epilepsy**

08:00 - 08:00

Poster Presenter: Roberta Coa, IT**PRediction of vagal nerve stimulation Efficacy In drug-reSistant Epilepsy (PRECISE): prospective study for pre-implantation prediction /study design**

08:00 - 08:00

Poster Presenter: Irena Dolezalova, CZ

Scheduled programming reduces time-to-dose and office visits in the COVID-19 pandemic 08:00 - 08:00

Poster Presenter: Maxine Dibué, GB

Focal non-invasive deep-brain stimulation with temporal interference for the suppression of epileptic biomarkers 08:00 - 08:00

Poster Presenter: Emma Acerbo, FR

Vagus nerve stimulation (VNS) in patients with developmental and epileptic encephalopathies (DEE) 08:00 - 08:00

Poster Presenter: Konstantin Hrisimirov Kostov, NO

Entropy in the prediction of efficiency of vagal nerve stimulation 08:00 - 08:00

Poster Presenter: Barbora Sklenářová, CZ

Characterising TMS-evoked EEG potentials for treatment response in people with epilepsy 08:00 - 08:00

Poster Presenter: Diego Jimenez-Jimenez, GB

Nursing

08:00 - 19:00

Nursing

Developing a standardized mnemonic testing tool to improve periictal and post-ictal assessments of patients in the Epilepsy Monitoring Unit (EMU) at Toronto Western Hospital 08:00 - 08:00

Poster Presenter: Grissel Crasto, CA

Illness representation and self-management in adolescents with functional seizures 08:00 - 08:00

Poster Presenter: Andrea Tanner, US

Paediatric Epileptology

08:00 - 19:00

Paediatric Epileptology

The European Reference Network for Rare and Complex Epilepsies, ERN EpiCARE: a cross-border collaboration towards improved care pathways 08:00 - 08:00

Poster Presenter: Alexis Arzimanoglou, FR

Clinical and videoelectroencephalographic findings in children older than 2 years with daily Epileptic spasms 08:00 - 08:00

Poster Presenter: Marina Aberastury, AR

"De Novo" seizures in convulsive status epilepticus in children and in those with pre-existing seizures: clinical evolution 08:00 - 08:00

Poster Presenter: Cornelia Calcii, MD

Enterovirus infection prior to developing febrile infection-related epilepsy syndrome (FIRES) with some features of secondary hemophagocytic lymphohistiocytosis - a case report 08:00 - 08:00

Poster Presenter: Hian-Tat ONG, SG

Scalp HFO rates decrease after successful epilepsy surgery and are not impacted by the skull defect resulting from craniotomy 08:00 - 08:00

Poster Presenter: Dorottya Cserpan, CH

Diagnostic performance of a blood test for the early, simple and fast detection of Glut1 deficiency syndrome 08:00 - 08:00

Poster Presenter: Josep Bonet Papell, FR

Extended duration safety and efficacy of adjunctive ganaxolone treatment in patients with CDKL5 deficiency disorder: 8-month minimum open-label extension follow-up 08:00 - 08:00

Poster Presenter: Alex Aimetti, US

Longitudinal relationship between seizure burden and developmental progression and the implications on quality of life in children with CDKL5 deficiency disorder 08:00 - 08:00

Poster Presenter: Alex Aimetti, US

Effect of ganaxolone on quality of life in children with the CDKL5 deficiency disorder 08:00 - 08:00

Poster Presenter: Alex Aimetti, US

Aggregated safety and tolerability experience from the Ganaxolone Development Program 08:00 - 08:00

Poster Presenter: Joseph Hulihan, US

Ganaxolone significantly reduces major motor seizures associated with Cdkl5 deficiency disorder: a randomized, double-blind, placebo-controlled Phase 3 study 08:00 - 08:00

Speaker: Nicola Specchio, IT

Ictal asystole with left temporal lobe epilepsy managed by cardiac pacing & resolved following temporal lobectomy: a rare case report 08:00 - 08:00

Poster Presenter: Aisha Siddiqui, SA

Kabuki syndrome and epilepsy 08:00 - 08:00

Poster Presenter: Galina Odintsova, RU

Epilepsy in temtamy syndrome 08:00 - 08:00

Poster Presenter: Sameena Khan, SA

Phase 2, placebo-controlled clinical study of oral ganaxolone in PCDH19-clustering epilepsy 08:00 - 08:00

Poster Presenter: Renzo Guerrini, IT

Epilepsy in children with neurocutaneous disorders – a tertiary center experience 08:00 - 08:00

Poster Presenter: Ruzica Kravljanac, RS

Ictal asystolia in a child with ADNP syndrome: a case report 08:00 - 08:00

Poster Presenter: Meron YOHANNES HUNEGAW, CH

Epileptic spasms in children: clinical-electroencephalographic 08:00 - 08:00

aspects*Poster Presenter:* Ludmila Feghiu, MD

Parent reported seizure provoking factors and strategies employed to avoid seizures in children with Dravet syndrome 08:00 - 08:00

Poster Presenter: Colin Reilly, SE

Lennox Gastaut syndrome diagnosis: changing trends over time - a strategic shift? 08:00 - 08:00

Poster Presenter: Nicholas Evans, GB

Scalp HFO rates are higher for larger lesions 08:00 - 08:00

Poster Presenter: Dorottya Cserpan, CH

Evaluation of the delay in the recognition and treatment of infantile spasms 08:00 - 08:00

Poster Presenter: Daniela Bezerra, BR

Predictors of outcome among 31 children with infantile spasms syndrome 08:00 - 08:00

Poster Presenter: Ana Kvernadze, GE

Does electrographic overlap between CAE and BECTs indicates unfavorable cognitive prognosis? 08:00 - 08:00

Poster Presenter: Bosa Jovic-Jakubi, RS

Video telemetric epilepsy follow-up augmented by electronic documentation during the corona pandemic 08:00 - 08:00

Poster Presenter: Rainer Boor, DE

Unrecognized adverse effects of environmental EMR (electromagnetic radiation) on pre/postnatal neurodevelopment, genetic/reproductive health, and propensity toward early-onset seizures/epilepsy 08:00 - 08:00

Poster Presenter: Robert Turner, US

Ketogenic diet for epilepsy treatment – efficacy and possible predictors – experience in Children’s Clinical University Hospital, Riga, Latvia 08:00 - 08:00

Poster Presenter: Dana Apela, LV

The landscape of childhood epilepsies: a multi-ethnic population-based study 08:00 - 08:00

Poster Presenter: Husam Kayyali, QA

Expanding the phenotypic and neuroimaging spectrum of PLPBP-related pyridoxine-dependent epilepsy 08:00 - 08:00

Poster Presenter: Hanin Alsini, SA

Severe epileptic encephalopathy in patients with Down syndrome caused by double genetic pathology 08:00 - 08:00

Poster Presenter: Tadeja Hostnik, SI

Prognostic factors and seizure outcome in posterior reversible encephalopathy syndrome (PRES) in children with malignancies 08:00 - 08:00

Poster Presenter: Pavlína Danhofer, CZ

ARX- related infantile spasms and severe complex movement disorder 08:00 - 08:00

Poster Presenter: Ulviyya Guliyeva, AZ

Treatment-response and long-term prognosis in patients with electrical status epilepticus in sleep 08:00 - 08:00

Poster Presenter: Hadar Weisman, IL

Clinical characteristics of paediatric patients with low-grade gliomas and epilepsy 08:00 - 08:00

Poster Presenter: Nataša Šuštar, SI

Analysis of SNP and CNV polymorphisms and variants in genes related to metabolism and effects of cannabinoids in refractory epilepsy in children - a pilot study 08:00 - 08:00

Poster Presenter: Justyna Paprocka, PL

Levetiracetam vs. phenobarbital for neonatal seizures: evaluation of a paradigm shift 08:00 - 08:00

Poster Presenter: Georgia Ramantani, CH

Seizure evolution and outcome in pediatric autoimmune encephalitis 08:00 - 08:00

Poster Presenter: Hyewon Woo, KR

The new trend for antiseizure medication selection in juvenile myoclonic epilepsy: a retrospective multi-center study from Turkey between 2010 and 2020 08:00 - 08:00

Poster Presenter: Kürşad Aydın, TR

Myoclonic status in non-progressive encephalopathies: longitudinal study of 55 patients 08:00 - 08:00

Poster Presenter: A. Cossu, IT

Myoclonic absence seizures: a single-center long-term longitudinal retrospective study 08:00 - 08:00

Poster Presenter: Giulia Galati, IT

Syntactic, lexical, and reading difficulties in adolescents with childhood epilepsy with centrotemporal spikes 08:00 - 08:00

Poster Presenter: Veronika Chernuha, IL

Pandemic Response
08:00 - 19:00

Pandemic Response

Risk of hospitalization and death for COVID-19 in persons with epilepsy: the EpiLink Bologna cohort, Italy 08:00 - 08:00

Poster Presenter: Lorenzo Muccioli, IT

Impact of COVID-19 on the course of Infantile Spasms Syndrome 08:00 - 08:00

Poster Presenter: Jitendra Kumar Sahu, IN

COVID 19 and the global situation of epilepsy care	08:00 - 08:00
<i>Poster Presenter:</i> Jorge Vidaurre, US	
Is there an association between epilepsy and COVID-19 infection and an increased risk of seizure recurrence?	08:00 - 08:00
<i>Oral Presenter:</i> Galina Odintsova, RU	
COVID-19 vaccination in patients with epilepsy: patients opinions on the necessity of COVID-19 vaccination	08:00 - 08:00
<i>Poster Presenter:</i> Galina Odintsova, RU	
The link between COVID-19 and epilepsy in the Czech Republic	08:00 - 08:00
<i>Poster Presenter:</i> Jana Slonkova, CZ	

Psychiatry & Neuropsychology
08:00 - 19:00

Psychiatry & Neuropsychology

Cognitive features of adult focal epilepsy with unknown etiology revealed by the Montreal Cognitive Assessment	08:00 - 08:00
<i>Poster Presenter:</i> Naoya Hasegawa, JP	
Functional (psychogenic non-epileptic / dissociative) seizures: why and how?	08:00 - 08:00
<i>Poster Presenter:</i> Deniz Ertan, FR	
Translation and validation of the Russian-language version of the brief Epilepsy Anxiety Survey Instrument	08:00 - 08:00
<i>Poster Presenter:</i> Alla Guekht, RU	
Strategy for inducing sleep in pediatric EEG recording: sleep deprivation and administration of melatonin with H1-antihistamine	08:00 - 08:00
<i>Poster Presenter:</i> Hyewon Woo, KR	
Supporting Attention in Children with Epilepsy (SPACE): pilot of a psychoeducational intervention for children with epilepsy and difficulties with attention	08:00 - 08:00
<i>Poster Presenter:</i> Colin Reilly, SE	
Previous suicide attempts by patients with psychogenic seizures have been associated with depression and suicidal crises in inpatient treatment	08:00 - 08:00
<i>Poster Presenter:</i> Christoph Kurth, DE	
Post-traumatic stress disorder symptoms (PTSD) related to brain PET hypometabolism in patients with temporal lobe epilepsy	08:00 - 08:00
<i>Poster Presenter:</i> Lisa-Dounia Soncin, FR	
Gender differences in the comorbidity of mood disorders in neurosurgical patients	08:00 - 08:00
<i>Poster Presenter:</i> Galina Odintsova, RU	
Physical activity and cognition in epilepsy	08:00 - 08:00

Poster Presenter: Gloria Tedrus, BR

Effectiveness of learning a list of words with an emotional load compared to neutral words in patients with temporal lobe epilepsy 08:00 - 08:00

Poster Presenter: Aleksandra Bala, PL

Attention impairments in temporal lobe epilepsy - the profile of patients functioning and analysis of clinical variables impact 08:00 - 08:00

Poster Presenter: Agnieszka Olejnik, PL

Cognitive function and the longitudinal hippocampal axis in mesial temporal lobe epilepsy 08:00 - 08:00

Poster Presenter: William Theodore, US

Epilepsy and Reproductive Health
08:00 - 19:00

Epilepsy and Reproductive Health

Delivery outcomes in women with new-onset epilepsy in pregnancy 08:00 - 08:00

Poster Presenter: Shahla Malikova, AZ

Valproate treatment indication in women with epilepsy who became pregnant 08:00 - 08:00

Poster Presenter: Aleksei Rakitin, EE

Women with epilepsy have worse pregnancy, delivery and perinatal outcomes than women without epilepsy: a systematic review and meta-analysis 08:00 - 08:00

Poster Presenter: Paolo Pierino Mazzone, GB

An audit on women with epilepsy and the national epilepsy in pregnancy guideline 08:00 - 08:00

Poster Presenter: Katie Flynn, IE

Pregnant women with epilepsy: three decades of neurological experience 08:00 - 08:00

Poster Presenter: Réka Válczy, HU

The rate of and factors associated with delivery by cesarean section among women with epilepsy: time trend in a single-centre cohort 08:00 - 08:00

Poster Presenter: Beata Majkowska-Zwolińska, PL

Epilepsy in special groups
08:00 - 19:00

Epilepsy in Special Groups

Late-Onset seizures; Stroke Treatment and life-style Intervention Trial (LOSTIT) 08:00 - 08:00

Poster Presenter: Johan Zelano, SE

Epilepsy management in sub-Saharan Africa and teleneurology. Tracking the Intersectoral Global Action Plan 2022-2031 08:00 - 08:00

Poster Presenter: Domenica Immacolata Battaglia, IT

New-onset seizures in elderly: classification, risk factors, etiology and its impact on quality of life and care-giver burden

08:00 - 08:00

Poster Presenter: Jitupam Baishya, IN

Nodding Syndrome Alliance - preliminary data on clinical management from a multi-sectorial initiative addressing nodding syndrome and other forms of epilepsy in Western Equatoria, South Sudan

08:00 - 08:00

Poster Presenter: Francesca Tognon, IT

The impact of the COVID-19 pandemic on people with epilepsy living in Rwanda

08:00 - 08:00

Poster Presenter: Ieme Garrez, BE

Social determinants that may influence Moroccans' understanding and perceptions towards epilepsy

08:00 - 08:00

Poster Presenter: Amina Tani, MA

Poststroke seizures: do reperfusion therapies play a role?

08:00 - 08:00

Poster Presenter: Aylin Reyhani, TR

Late-onset temporal lobe epilepsy of unknown etiology: neuropsychological profile, cerebrospinal fluid biomarkers, and connectivity EEG characteristics

08:00 - 08:00

Poster Presenter: Fedele Dono, IT

Epidemiology of true drug resistant epilepsy in an epilepsy clinic related to tertiary referral hospital

08:00 - 08:00

Poster Presenter: Nirmeen Adel Kishk, EG

Challenges and solutions for epilepsy surgery in developing regions of sub-Saharan Africa and a proposal to reduce them

08:00 - 08:00

Poster Presenter: Francis Fezeu, US

Social Issues

09:15 - 13:30

V

Patient Forum / Journée ouverte au public

Chair: Fabienne Picard, CH

Traitements non-médicamenteux - quelles options?

09:15 - 09:15

Speaker: Jan Novy, CH

Traitement au cannabidiol - où en sont les recherches?

09:15 - 09:15

Speaker: Stéphane Auvin, FR

Stress et émotions - Quels impacts sur l'épilepsie?

09:15 - 09:15

Speaker: Noëlle Mercier, CH

Epilepsie? Quand le diagnostic est incertain

09:15 - 09:15

Speaker: Louise Tyvaert, CH

Grossesse et épilepsie

09:15 - 09:15

Speaker: Sylvain Rheims, FR

Other

13:00 - 17:00

K

Half-day Teaching Course: Is this a seizure? If not, what is it?*Chair:* Nicola Specchio, IT*Chair:* Alla Guekht, RU**Is this a seizure? A PNES? If not, what is it?**

13:00 - 13:00

Speaker: Alla Guekht, RU**Journeys into the borderland of epilepsy**

13:00 - 13:00

Speaker: Markus Reuber, GB**Epilepsy and sleep disorders: differential diagnosis. Some tricky clinical cases**

13:00 - 13:00

Speaker: Lino Nobili, IT**Epileptic and non-epileptic events in children and neonates.**

13:00 - 13:00

Speaker: Nicola Specchio, IT*Terminology and Classification*

13:00 - 17:00

E

Half-day Teaching Course: Classify this!*Chair:* Philippe Ryvlin, CH*Chair:* Ronit Pressler, GB**Classifying seizures & epilepsies in neonates**

13:00 - 13:00

Speaker: Ronit Pressler, GB**Classifying seizures & epilepsies in children**

13:00 - 13:00

Speaker: Christian Korff, CH**Classifying seizures & epilepsies in adults I**

13:00 - 13:00

Speaker: Matthew Walker, GB**Classifying seizures & epilepsies in adults II**

13:00 - 13:00

Speaker: Philippe Ryvlin, CH*Clinical Neurophysiology*

13:00 - 17:00

F

Half-day Teaching Course: Let's read EEGs together!*Chair:* Sándor Beniczky, DK**Systematic assessment of the interictal EEG abnormalities**

13:00 - 13:00

Speaker: Sándor Beniczky, DK**Ictal EEG patterns.**

13:00 - 13:00

Speaker: Margitta Seeck, CH**EEG in epilepsy syndromes**

13:00 - 13:00

Speaker: Dana Craiu, RO

Drug Therapy

13:00 - 17:00

G

Half-day Teaching Course: Which ASM to start with? When to stop?*Chair:* Cecilie Johannessen Landmark, NO*Chair:* Jakob Christensen, DK**Basic pharmacodynamics/-kinetics/-genetics of ASMs**

13:00 - 13:00

Speaker: Cecilie Johannessen Landmark, NO**Considerations for safe choices: Drug interactions and teratogenicity.**

13:00 - 13:00

Speaker: Sara Eyal, IL**When to start and which ASM?**

13:00 - 13:00

Speaker: Jakob Christensen, DK**When and how to stop?**

13:00 - 13:00

Speaker: Herm Lamberink, NL*Status Epilepticus*

13:00 - 17:00

L

Half-day Teaching Course: Status epilepticus*Chair:* Eugen Trinka, AT*Chair:* Simon Shorvon, GB**Definition, epidemiology, and burden of Status epilepticus**

13:00 - 13:00

Speaker: Eugen Trinka, AT**Management of early Status epilepticus**

13:00 - 13:00

Speaker: Simon Shorvon, GB**Treatment of established Status epilepticus**

13:00 - 13:00

Speaker: Julia Höfler, AT**Treatment of refractory and superrefractory Status epilepticus**

13:00 - 13:00

Speaker: Monica Ferlisi, IT*Epilepsy Surgery*

13:00 - 17:00

T

Half-day Teaching Course: Epilepsy surgery: learn from cases!*Chair:* Çiğdem Özkara, TR*Chair:* Ivan Rektor, CZ**Is this an epileptic seizure?**

13:00 - 13:00

Speaker: Ivan Rektor, CZ**Stimulating cases**

13:00 - 13:00

Speaker: Philippe Kahane, FR**Deceptive (surprising) patients.**

13:00 - 13:00

Speaker: Çiğdem Özkara, TR**Similar but not the same.**

13:00 - 13:00

Speaker: Laura Tassi, IT

Drug Therapy

13:00 - 17:00

U

Half-day Teaching Course: No response to first ASMs. What next?*Chair:* Torbjörn Tomson, SE*Chair:* Jacqueline French, US

Chair's introduction	13:00 - 13:00
Resistant or pseudo-resistant: Things to consider before changing ASM	13:00 - 13:00
<i>Speaker:</i> Torbjörn Tomson, SE	
Non-pharmacological alternatives to a third ASM	13:00 - 13:00
<i>Speaker:</i> Andrea Rossetti, CH	
Failure of first ASM: Is every drug the same?	13:00 - 13:00
<i>Speaker:</i> Jacqueline French, US	
Debate: Switch or add after first failed ASM?	13:00 - 13:00
Second ASM failure: which ASM to add and how?	13:00 - 13:00
<i>Speaker:</i> Anthony Marson, GB	

Epilepsy Surgery

14:30 - 16:00

A

Update in hemispherotomy: chances, challenges, and perspectives*Chair:* Martha Feucht, AT

Predicting long-term functional outcomes	14:30 - 14:30
<i>Speaker:</i> Kees Braun, NL	
Predicting long-term cognitive outcomes	14:30 - 14:30
<i>Speaker:</i> Christine Bulteau, FR	
Predicting long-term seizure outcomes	14:30 - 14:30
<i>Speaker:</i> Martha Feucht, AT	
Challenges and updates in hemispheric surgical procedures	14:30 - 14:30
<i>Speaker:</i> Martin Tisdall, GB	

Adult Epileptology

14:30 - 16:00

B

Predict and monitor epilepsy after the first epileptic seizure: new tools from EEG and imaging*Chair:* Margitta Seeck, CH*Chair:* Tim von Oertzen, AT

Prediction of outcome based on clinical variables	14:30 - 14:30
<i>Speaker:</i> Anthony Marson, GB	
First seizure and new-onset epilepsy: experience from a single centre	14:30 - 14:30
<i>Speaker:</i> Margitta Seeck, CH	
Advanced EEG analysis in early onset epilepsy vs seizures	14:30 - 14:30
<i>Speaker:</i> Pieter Van Mierlo, BE	

Diagnostic yield of advanced MRI imaging in a first seizure setting 14:30 - 14:30
Speaker: Roland Wiest, CH

Basic Science

14:30 - 16:00

C

Oxidative stress and reactive oxygen species in epilepsy*Chair:* Tawfeeq Shekh-Ahmad, IL*Chair:* Marco de Curtis, IT

Metabolic dysfunction and oxidative stress in epilepsy 14:30 - 14:30
Speaker: Manisha Patel, US

Nrf2 activators as targets to modify epilepsy development 14:30 - 14:30
Speaker: Tawfeeq Shekh-Ahmad, IL

Inflammation and reactive oxygen species as disease modifiers in epilepsy 14:30 - 14:30
Speaker: Annamaria Vezzani, IT

The role of reactive oxygen species in status epilepticus 14:30 - 14:30
Speaker: Matthew Walker, GB

Paediatric Epileptology

14:30 - 16:00

W

How do we classify paediatric epilepsy syndromes in 2022: diagnostic criteria and ILAE classification*Chair:* Bosa Jovic-Jakubi, RS*Chair:* Elaine Wirrell, US

Developmental and Epileptic Encephalopathys'(DEEs) of childhood 14:30 - 14:30
Speaker: Rima Nababout, FR

Self-limited syndromes of infants and children 14:30 - 14:30
Speaker: Alexandre Datta, CH

Developmental and Epileptic Encephalopathys' (DEEs) of infants 14:30 - 14:30
Speaker: Elaine Wirrell, US

Genetic generalized epilepsy (GGEs), including Idiopathic generalized epilepsy (IGEs) 14:30 - 14:30
Speaker: Sameer Zuberi, GB

Nursing

14:30 - 16:00

V

The spectrum of nursing care for people with epilepsy: contributions and opportunities in Europe*Chair:* Jelena Begic, HR

Introduction – The spectrum of nursing care 14:30 - 14:30
Speaker: Patricia Osborne Shafer, US
Speaker: Jane von Gaudecker, US

Epilepsy education – the inpatient nurse specialist role	14:30 - 14:30
<i>Speaker:</i> Ariane Bernier, CH	
Challenges of epilepsy care in a pediatric tertiary centre in Croatia	14:30 - 14:30
<i>Speaker:</i> Jelena Begic, HR	
Advanced practice epilepsy nursing in the United Kingdom	14:30 - 14:30
<i>Speaker:</i> Melesina Goodwin, GB	

Industry

16:30 - 18:00

W

Satellite Symposium: LivaNova*Chair:* Lieven Lagae, BE

Why do some patients become pharmacoresistant? What we know and open questions.	16:30 - 16:30
<i>Speaker:</i> Annamaria Vezzani, IT	
What can functional connectivity tell us about effects of VNS?	16:30 - 16:30
<i>Speaker:</i> Fabrice Bartolomei, FR	
Beyond seizure progression: mechanisms of cognitive and behavioral impairment in epileptic encephalopathies.	16:30 - 16:30
<i>Speaker:</i> Lieven Lagae, BE	

Industry

16:30 - 18:00

V

Satellite Symposium: Takeda*Chair:* Renzo Guerrini, IT

More than Meets the Eye: Illuminating the LGS Patient Journey	16:30 - 16:30
<i>Speaker:</i> Renzo Guerrini, IT	
<i>Speaker:</i> Nicola Specchio, IT	

Other

18:00 - 19:00

B

Welcome Ceremony

ILAE President Welcome	18:00 - 18:00
<i>Speaker:</i> J Helen Cross, GB	
ILAE Europe Chair Welcome	18:00 - 18:00
<i>Speaker:</i> Matthew Walker, GB	
EEC 2022 Congress co-chair welcome	18:00 - 18:00
<i>Speaker:</i> Eugen Trinkla, AT	
EEC 2022 Congress co-chair welcome	18:00 - 18:00
<i>Speaker:</i> Margitta Seeck, CH	

Sunday, 10. July 2022*Nursing*

08:00 - 09:30

A

EEC Forum: Epilepsy nursing: local to global connections*Chair:* Karen Legg, CA*Chair:* Sandra Dewar, US**Welcome and introductions**

08:00 - 08:00

Speaker: Karen Legg, CA**Nursing and the ILAE**

08:00 - 08:00

Speaker: Samuel Wiebe, CA**Nursing roles in epilepsy care**

08:00 - 08:00

Speaker: Tolu Olaniyan, GB*Speaker:* Sandra Dewar, US*Speaker:* Karen Legg, CA**Sharing of roles by attendees**

08:00 - 08:00

Speaker: Sandra Dewar, US**Current ILAE nursing section initiatives: Needs assessment**

08:00 - 08:00

Speaker: Jane von Gaudecker, US**Open group discussion: comments, questions, challenges in epilepsy nursing, epilepsy nursing needs**

08:00 - 08:00

Speaker: Karen Legg, CA*Drug Therapy*

08:00 - 09:30

B

EEC Forum: Personalising antiseizure treatment*Chair:* Jan Novy, CH**Predicting treatment efficacy**

08:00 - 08:00

Speaker: Chantal Depondt, BE**Therapeutic drug monitoring**

08:00 - 08:00

Speaker: Jan Novy, CH**Inflammatory biomarkers**

08:00 - 08:00

Speaker: Annamaria Vezzani, IT**Treatment emergent adverse events**

08:00 - 08:00

Speaker: Norman Delanty, IE*Neuroimaging*

08:00 - 09:30

C

Teaching Session: VIREPA Basic & Advanced EEG

-

08:00 - 08:00

Speaker: Elena Gardella, DK

-

08:00 - 08:00

Speaker: Antonio Valentin, GB

Paediatric Epileptology

08:00 - 09:30

W

Teaching Session: Video session – paediatric

- 08:00 - 08:00

Speaker: Ronit Pressler, GB

- 08:00 - 08:00

Speaker: Nicola Specchio, IT

- 08:00 - 08:00

Speaker: Alexis Arzimanoglou, FR

Industry

08:00 - 09:30

X

Satellite Symposium: Persyst ESI

Chair: Caroline Neuray, AT

Chair: Marie Terrill, US

Role of ESI in adults 08:00 - 08:00

Speaker: Margitta Seeck, CH

Use of ESI in paediatric population 08:00 - 08:00

Speaker: Elliott Warren, GB

The added value of ESI 08:00 - 08:00

Speaker: Vadym Gnakovsky, DE

Case-based workshop 08:00 - 08:00

Speaker: Pieter Van Mierlo, BE

Speaker: Marie Terrill, US

-
08:00 - 18:00

Posters

Basic Science

09:00 - 09:30

V

Award Symposium: Epilepsia Prize 2022 - Basic Science

Chair: Astrid Nehlig, FR

Chair: Michael Sperling, US

First evidence of altered microbiota and intestinal damage and their link to absence epilepsy in a genetic animal model, the WAG/Rij rat 09:00 - 09:00

Speaker: Carmen de Caro, ES

Paediatric Epileptology

09:00 - 09:30

K

Award Symposium: Epilepsia Open Prize 2022 - Clinical

Chair: Aristeia Galanopoulou, US

The epileptogenic zone in children with tuberous sclerosis complex is characterized by prominent features of focal cortical dysplasia 09:00 - 09:00

Speaker: Barbara Benova, CZ

Speaker: Hanna Hulshof, NL

Drug Therapy

09:40 - 11:40

B

Chairs' Symposium: Precision medicine for patients with epilepsy – are we there yet?

Chair: Eugen Trinkla, AT

Chair: Margitta Seeck, CH

How genetic findings impact patients' treatment and prognosis 09:40 - 09:40

Speaker: Sarah Weckhuysen, BE

New imaging tools will advance patients' diagnosis and treatment to the next 09:40 - 09:40

New avenues in drug development will have an impact on patients' life 09:40 - 09:40

Speaker: Wolfgang Löscher, DE

What is needed to bring advances in diagnosis and treatment to the population? – The global implementation gap 09:40 - 09:40

Speaker: Samuel Wiebe, CA

Other

11:40 - 12:40

ILAE YES

Pitfalls in clinical trials and how to avoid them

Chair: Jacqueline French, US

How and when animal models are useful in epilepsy research 11:40 - 11:40

Basic Science

12:00 - 13:30

A

Basic science

Chair: Marco de Curtis, IT

Chair: Manisha Patel, US

Understanding the gene expression diurnal rhythmicity in experimental epileptogenesis 12:00 - 12:12

Speaker: Cristina Reschke, IE

Role of myeloid differentiation response 88 protein in seizures and cognition in autoimmune encephalitis 12:12 - 12:24

Speaker: Olga Taraschenko, US

Hippocampal area CA2 as a novel therapeutic target in epilepsy 12:24 - 12:36

Speaker: Christos Lisgaras, US

Investigation of second hit hypothesis in DEPDC5 and TSC double mutant zebrafish: a phenotypic and transcriptomic analysis 12:36 - 12:48

Speaker: Ann-Sofie De Meulemeester, BE

Closed-loop control of neuronal network excitability using adenosine photopharmacology 12:48 - 13:00

Speaker: Robrecht Raedt, BE

Reflections of very high-frequency oscillations (>500Hz) in routine stereo-EEG 13:00 - 13:12

Speaker: Zuzana Vašířková, CZ

Adult Epileptology

12:00 - 13:30

B

Adult Epileptology 1

Chair: Mar Carreño, ES

Chair: Stanislav Groppa, MD

A library of quantitative markers of seizure severity: distinguishing between seizure types and detecting circadian modulation 12:00 - 12:12

Speaker: Sarah Jane Gascoigne, GB

Prognosis of structural acute symptomatic seizures – a prospective observational study 12:12 - 12:24

Speaker: Bernd Vorderwülbecke, DE

“Benign” EEG for prognostication of favorable outcome after cardiac arrest: a reappraisal 12:24 - 12:36

Speaker: Helene Fenter, CH

Seizure detection using subcutaneous ECG during video-EEG-monitoring and home monitoring; a prospective, proof-of-concept study 12:36 - 12:48

Speaker: Jesper Jeppesen, DK

Reduced REM sleep: a potential biomarker for diagnosing epilepsy at epilepsy monitoring units 12:48 - 13:00

Speaker: Stefan Wolking, DE

Exploratory study of blood biomarkers in patients with post-stroke epilepsy 13:00 - 13:12

Speaker: Laura Abaira, ES

Drug Therapy

12:00 - 13:30

C

Drug Therapy 1

Chair: Sanaz Ahmadi Karvigh, IR

Chair: Rafal Kaminski, IT

Psychological assessment prior to and after switch from levetiracetam to brivaracetam: a controlled questionnaire study 12:00 - 12:12

Speaker: Bernhard Steinhoff, DE

A cohort study of pyridoxine or pyridoxal-5-phosphate treatment for seizures in glycosylphosphatidylinositol deficiency 12:12 - 12:24

Speaker: Allan Bayat, DK

Long-term perampanel monotherapy and health-related quality of life in patients with newly diagnosed/currently untreated recurrent focal-onset seizures: FREEDOM study 342 extension phase	12:24 - 12:36
<i>Speaker:</i> Leock Y Ngo, US	
Safety, pharmacokinetics (PK), and cerebrospinal (CSF) exposure data from the ongoing Phase 1/2a MONARCH Study of STK-001, an antisense oligonucleotide (ASO), in children and adolescents with Dravet syndrome (DS)	12:36 - 12:48
<i>Speaker:</i> Linda Laux, US	
Real-World Experience of Perampanel Monotherapy in Epilepsy Patients with Focal-Onset and Generalised-Onset Seizures	12:48 - 13:00
<i>Speaker:</i> Taoufik Alsaadi, AE	
Perampanel for the Treatment of Patients with Idiopathic Generalised Epilepsy in Clinical Practice	13:00 - 13:12
<i>Speaker:</i> Fabio Rossini, AT	

Paediatric Epileptology

12:00 - 13:30

W

Paediatric Epileptology 1*Chair:* Masa Malenica, HR

How is (mesial) frontal lobe seizure semiology characterised in post-surgical seizure-free paediatric patients? A retrospective analysis at Great Ormond Street Hospital, London	12:00 - 12:12
<i>Speaker:</i> Thijs van Dalen, GB	
Imaging the cytoarchitectural changes within focal cortical dysplasia using diffusion tensor imaging	12:12 - 12:24
<i>Speaker:</i> Antonio Giulio Gennari, CH	
A never-ending challenge: epilepsy secondary to MECP2 mutation	12:24 - 12:36
<i>Speaker:</i> Elena González Alguacil, ES	
The ENVISION Study, an international, prospective natural history study in young children with SCN1A+ Dravet syndrome	12:36 - 12:48
<i>Speaker:</i> Sameer Zuberi, GB	
Donepezil as precision therapy for gain-of-function variants in KCNQ2/KCNQ3 encephalopathy	12:48 - 13:00
<i>Speaker:</i> Andreea Nissenkorn, IL	
Neonatal seizures: use of the last ILAE Classification in a retrospective observational cohort study	13:00 - 13:12
<i>Speaker:</i> Benedetta Martinucci, IT	

Clinical Neurophysiology

12:00 - 13:30

X

Clinical Neurophysiology 1*Chair:* Caroline Neuray, AT

Open access EEG data via DICOM standard	12:00 - 12:12
<i>Speaker:</i> Clemens Lang, AT	
Detecting interictal discharges in ultra long-term subcutaneous electroencephalography	12:12 - 12:24
<i>Speaker:</i> Asbjørn W. Helge, DK	
Brain networks functional connectivity changes after stereotactic thermocoagulation in drug-resistant epilepsy patients	12:24 - 12:36
<i>Speaker:</i> Sara F. Simula, FR	
A retrospective study of the correlation between duration of monitoring in epilepsy monitoring unit and diagnostic yield	12:36 - 12:48
<i>Speaker:</i> Mohammad Hijaz Adenan, IE	
Is ultra long-term subcutaneous EEG a game changer in future management of epilepsy?	12:48 - 13:00
<i>Speaker:</i> Jonas Duun-Henriksen, DK	
Contribution of cortico-cortical evoked potentials in the localization of the seizure-onset zone during stereo-electroencephalography	13:00 - 13:12
<i>Speaker:</i> Odile Feys, BE	
<i>Epilepsy Surgery</i> 12:00 - 13:30	V
Epilepsy Surgery	
<i>Chair:</i> Ido Strauss, IL	
<i>Chair:</i> Hermann Stefan, DE	
Tailored epilepsy surgery with high frequency oscillations versus spikes in intra-operative electrocorticography; results of the RCT HFO trial	12:00 - 12:12
<i>Speaker:</i> Maryse van 't Klooster, NL	
Online calculator for seizure freedom following pediatric hemispherectomy: a post hoc analysis of the HOPS study	12:12 - 12:24
<i>Speaker:</i> Evan Dimentberg, CA	
Effects of anterior temporal lobe resection on cortical morphology	12:24 - 12:36
<i>Speaker:</i> Karoline Leiber, GB	
Why patients with drug resistant focal epilepsy decline further diagnostics and resections following presurgical assessment – a prospective study	12:36 - 12:48
<i>Speaker:</i> Mirja Steinbrenner, DE	
Seizure outcome prediction after pediatric epilepsy surgery: a brain machine learning approach	12:48 - 13:00
<i>Speaker:</i> Chiara Pepi, IT	
Epilepsy surgery in the first six months of life: a systematic review and meta-analysis	13:00 - 13:12

Speaker: Konstantin L. Makridis, DE

Other

12:00 - 13:30

K

ILAE Europe - EAN Symposium: Neurology meets epileptology: hot topics 2022

Chair: Philippe Ryvlin, CH

Chair: Barbara Tettenborn, CH

Driving and epilepsy – regulations and guidelines in Europe: Uniform or unworldly? 12:00 - 12:00

Speaker: Rune Markhus, NO

Implications of SANAD II for our practical strategies? 12:00 - 12:00

Speaker: Barbara Tettenborn, CH

Status epilepticus: Update 2022 12:00 - 12:00

Speaker: Markus Leitinger, AT

Pregnancy, folic acid and antiseizure medications – an update 12:00 - 12:00

Speaker: Marte-Helene Bjork, NO

COVID19 and epilepsy 12:00 - 12:00

Speaker: Bernhard Steinhoff, DE

Industry

13:45 - 15:00

W

Satellite Symposium: Jazz Pharma

Chair: Christoph Hertzberg, DE

The importance of early interventions in paediatric patients 13:45 - 13:45

Speaker: Nicola Specchio, IT

Cannabidiol in paediatric patients: Practical considerations 13:45 - 13:45

Speaker: Stéphane Auvin, FR

Lifelong care: Best practices for transition from paediatric services 13:45 - 13:45

Speaker: Patricia Smeyers, ES

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Adult epileptology & Status epilepticus

New-onset seizures in elderly: classification, risk factors, etiology and its impact on quality of life and care-giver burden 13:50 - 13:50

Poster Presenter: Jitupam Baishya, IN

Late-Onset seizures; Stroke Treatment and life-style Intervention Trial (LOSTIT) 13:50 - 13:50

Poster Presenter: Johan Zelano, SE

Posterior cingulate epilepsy: a systematic review 13:50 - 13:50

Poster Presenter: Catherine Pepin, CA

Adapted physical activity reference for people with epilepsy: first french guidelines	13:50 - 13:50
<i>Poster Presenter:</i> Axel Lion, FR	
Exploratory study of new serum microRNAs related to the diagnosis of Status Epilepticus (SE)	13:50 - 13:50
<i>Poster Presenter:</i> Estevo Santamarina, ES	
Clonazepam in status epilepticus: dosage and its correlation with outcome	13:50 - 13:50
<i>Poster Presenter:</i> Jennifer D'Antò, CH	
The role of the EEG in predicting 30-day mortality after status epilepticus	13:50 - 13:50
<i>Poster Presenter:</i> Simona Lattanzi, IT	
The role of the status epilepticus cessation in predicting 30-day mortality	13:50 - 13:50
<i>Poster Presenter:</i> Simona Lattanzi, IT	
Clinical features and outcome of status epilepticus in the elderly: data from the population of Modena, northern Italy	13:50 - 13:50
<i>Poster Presenter:</i> Niccolò Orlandi, IT	
Status epilepticus in mesial temporal lobe epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Ozgun Yetkin, TR	
Focal nonconvulsive status epilepticus with impairment of consciousness in the elderly: the relationship between prognosis and initial clinical EEG data and after an initial pharmacological protocol	13:50 - 13:50
<i>Poster Presenter:</i> Gloria Tedrus, BR	
Quantitative EEG changes during episodes of treatment-refractory status epilepticus in children	13:50 - 13:50
<i>Poster Presenter:</i> Richard Burman, GB	
<i>ILAE YES Poster Tours</i> 13:50 - 15:00	Poster Tours
Epilepsy Surgery	
Cause-specific mortality after epilepsy surgery: a retrospective cohort study of tertiary epilepsy center	13:50 - 13:50
<i>Poster Presenter:</i> Judith Jud, AT	
Drug-resistant temporal lobe epilepsy: analysis of morphological results in operated adult patients	13:50 - 13:50
<i>Poster Presenter:</i> Galina Odintsova, RU	
Challenges and solutions for epilepsy surgery in developing regions of sub-Saharan Africa and a proposal to reduce them	13:50 - 13:50
<i>Poster Presenter:</i> Francis Fezeu, US	
Epileptogenic tubers are associated with more homogeneous calcium content: a combined quantitative susceptibility	13:50 - 13:50

mapping (QSM) and stereoelectroencephalography (SEEG) pilot study*Poster Presenter:* Rory Piper, GB**Be Aware: The safety of temporarily pausing propofol to enable intraoperative electrocorticography during epilepsy surgery under general anesthesia**

13:50 - 13:50

Poster Presenter: Dongqing Sun, NL**The proportion of seizure onset zone contacts resected is not associated with outcome following SEEG-guided resective epilepsy surgery in children**

13:50 - 13:50

Poster Presenter: Martin Tisdall, GB**Retrospective study of single pulse electrical stimulation (SPES) as a clinical tool during intracranial presurgical evaluation for drug resistant epilepsy**

13:50 - 13:50

Poster Presenter: Antonio Valentin, GB**The MAST Trial: prospective evaluation of a machine learning algorithm for the planning of SEEG trajectories**

13:50 - 13:50

Poster Presenter: Konrad Wagstyl, DE**Introducing of prospective quality of life assessment in pediatric epilepsy surgery patients: a pilot study**

13:50 - 13:50

Machine Learning algorithm for surgical treatment outcome prediction in pediatric patients with epilepsy

13:50 - 13:50

Poster Presenter: Luca De Palma, IT**Development and validation of the 5-SENSE score to predict focality of the seizure-onset zone as assessed by stereoelectroencephalography**

13:50 - 13:50

Poster Presenter: Birgit Frauscher, CA*ILAE YES Poster Tours*

13:50 - 15:00

Poster Tours

Epidemiology & COVID-19**Late-onset epilepsy and risk of premature death: the complex role of comorbidities**

13:50 - 13:50

Poster Presenter: Colin Josephson, CA**A case-control study developing the Scottish Epilepsy Deaths Study Score (SEDS Score) as a risk prediction model for epilepsy-related deaths**

13:50 - 13:50

Poster Presenter: Gashirai K Mbizvo, GB**Methods and circumstances of suicide in epilepsy: a population-based study in Sweden**

13:50 - 13:50

Poster Presenter: Sara Melin, SE**Incidence of febrile seizures post-covid vaccination in children**

13:50 - 13:50

Poster Presenter: Sebastian Ortiz De la Rosa, CO

Long-term prognosis of idiopathic generalized epilepsies (IGE): treatment withdrawal and predictors of seizure control	13:50 - 13:50
<i>Poster Presenter:</i> Maria Magdalena Rosselló Vadell, ES	
Has the COVID-19 pandemic affected the seizure control status in patients with epilepsy?	13:50 - 13:50
<i>Poster Presenter:</i> Ali Asadi-Pooya, IR	
Risk of hospitalization and death for COVID-19 in persons with epilepsy: the EpiLink Bologna cohort, Italy	13:50 - 13:50
<i>Poster Presenter:</i> Lorenzo Muccioli, IT	
COVID 19 and the global situation of epilepsy care	13:50 - 13:50
<i>Poster Presenter:</i> Jorge Vidaurre, US	
Epilepsy mortality in Wales during COVID-19	13:50 - 13:50
<i>Poster Presenter:</i> William Owen Pickrell, GB	
Psychogenic non-epileptic seizures (PNES) in the COVID-19 pandemic era: a systematic review with individual patient data analysis	13:50 - 13:50
<i>Poster Presenter:</i> Bruna Nucera, IT	
Scheduled programming reduces time-to-dose and office visits in the COVID-19 pandemic	13:50 - 13:50
<i>Poster Presenter:</i> Maxine Dibué, GB	
Risk factors for epilepsy after aneurismal subarachnoid hemorrhage	13:50 - 13:50
<i>Poster Presenter:</i> Daniel Campos-Fernández, ES	
Incidence and types of bone fractures in people with epilepsy: a retrospective nationwide cohort study in North Macedonia	13:50 - 13:50
<i>Poster Presenter:</i> Emilija Cvetkovska, MK	
<i>ILAE YES Poster Tours</i> 13:50 - 15:00	Poster Tours
Adult epileptology	
Advanced behavioral age based on smartphone interactions in people with epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Johanna W Bunschoten, NL	
A mobile and wearable app to forecast seizure risk: a real-word validation and usability study	13:50 - 13:50
<i>Poster Presenter:</i> Rachel Stirling, AU	
Interictal autonomic dysfunction is not associated with the frequency of focal-to-bilateral tonic-clonic seizures	13:50 - 13:50
<i>Poster Presenter:</i> Alla Guekht, RU	
Relapse risk in new onset epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Eric Ménétré, CH	
Increased prevalence of minor physical anomalies in patients	13:50 - 13:50

with epilepsy - results with the Méhes Scale*Poster Presenter:* Dalma Tényi, HU**Sleep disorders in people living with drug-resistant epilepsy**

13:50 - 13:50

Poster Presenter: Ainara Barguilla, ES**Headaches in patients with epilepsy – prevalence and risk factors**

13:50 - 13:50

Poster Presenter: Magdalena Bosak, PL**Epilepsy management in sub-Saharan Africa and teleneurology. Tracking the Intersectoral Global Action Plan 2022-2031**

13:50 - 13:50

Poster Presenter: Domenica Immacolata Battaglia, IT**Epilepsy and the translation of Epilepsy Monitoring Unit events into accurate clinical diagnosis**

13:50 - 13:50

Poster Presenter: Mohammad Hijaz Adenan, IE**Mental clarity induced by electrical stimulation of the dorsal anterior insula**

13:50 - 13:50

Poster Presenter: Fabienne Picard, CH**Women with epilepsy have worse pregnancy, delivery and perinatal outcomes than women without epilepsy: a systematic review and meta-analysis**

13:50 - 13:50

Poster Presenter: Paolo Pierino Mazzone, GB**The rate of and factors associated with delivery by cesarean section among women with epilepsy: time trend in a single-centre cohort**

13:50 - 13:50

Poster Presenter: Beata Majkowska-Zwolińska, PL**Late-onset temporal lobe epilepsy of unknown etiology: neuropsychological profile, cerebrospinal fluid biomarkers, and connectivity EEG characteristics**

13:50 - 13:50

Poster Presenter: Fedele Dono, IT*ILAE YES Poster Tours*

13:50 - 15:00

Poster Tours

Neuropsychology, Psychiatry, Social Issues**Developing a standardized mnemonic testing tool to improve periictal and post-ictal assessments of patients in the Epilepsy Monitoring Unit (EMU) at Toronto Western Hospital**

13:50 - 13:50

Poster Presenter: Grissel Crasto, CA**Post-traumatic stress disorder symptoms (PTSD) related to brain PET hypometabolism in patients with temporal lobe epilepsy**

13:50 - 13:50

Poster Presenter: Lisa-Dounia Soncin, FR**Previous suicide attempts by patients with psychogenic seizures have been associated with depression and suicidal crises in inpatient treatment**

13:50 - 13:50

Poster Presenter: Christoph Kurth, DE

Patient perspectives on anxiety and depression treatment and the collaborative care model of integrated care: A qualitative study	13:50 - 13:50
<i>Poster Presenter:</i> Heidi Munger Clary, US	
What is known from existing literature about stigma in functional seizures: a scoping review	13:50 - 13:50
<i>Poster Presenter:</i> Chrisma Pretorius, ZA	
Current situation and issues of Japanese university health centers in supporting university students with epilepsy	13:50 - 13:50
Quality of life in people with epilepsy: a concise review of the literature	13:50 - 13:50
Strategy for inducing sleep in pediatric EEG recording: sleep deprivation and administration of melatonin with H1-antihistamine	13:50 - 13:50
<i>Poster Presenter:</i> Hyewon Woo, KR	
Epilepsy stigma perception of medical students in Albania	13:50 - 13:50
<i>Poster Presenter:</i> Serla Grabova, AL	
Social determinants that may influence Moroccans' understanding and perceptions towards epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Amina Tani, MA	
Exploring the feasibility of an interactive virtual avatar and automated conversation analysis in the differentiation of epileptic and dissociative seizures	13:50 - 13:50
<i>Poster Presenter:</i> Nathan Pevy, GB	
Cognitive function and the longitudinal hippocampal axis in mesial temporal lobe epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> William Theodore, US	
Cognitive features of adult focal epilepsy with unknown etiology revealed by the Montreal Cognitive Assessment	13:50 - 13:50
<i>Poster Presenter:</i> Naoya Hasegawa, JP	
Cultural aspects of epilepsy management among school children in Egyptian rural communities: a cross-sectional community-based study	13:50 - 13:50

ILAE YES Poster Tours
13:50 - 15:00

Poster Tours

Poster Tours

Other

14:00 - 14:30

Neurophysiology*Facilitator:* Sándor Beniczky, DK*Facilitator:* Christos Lisgaras, US*Facilitator:* Andreas Schulze-Bonhage, DE*Facilitator:* Serge Vulliemoz, CH*Facilitator:* Julia Jacobs-LeVan, CA*Paediatric Epileptology*

14:00 - 14:30

Paediatric Epileptology*Facilitator:* Kees Braun, NL*Facilitator:* Georgia Ramantani, CH*Facilitator:* Elaine Wirrell, US*Facilitator:* Masa Malenica, HR*Facilitator:* Susanne Schubert-Bast, DE*Facilitator:* Bosa Jovic-Jakubi, RS*Status Epilepticus*

15:00 - 16:30

A

Grey matters in status epilepticus*Chair:* Stefano Meletti, IT**Periodic EEG patterns**

15:00 - 15:00

Speaker: Philippe Gelisse, FR**Serum and cerebrospinal fluid biomarkers**

15:00 - 15:00

Speaker: Giada Giovannini, IT**Peri-ictal MRI abnormalities**

15:00 - 15:00

Speaker: Giorgi Kuchukhidze, AT*Clinical Neurophysiology*

15:00 - 16:30

B

Recent advances in mobile ultralong patient monitoring using wearable EEG and non-EEG sensors*Chair:* Andreas Schulze-Bonhage, DE*Chair:* Ekaterina Patarai, AT**Performance of wearables and the contribution of sensor modalities in a sensitive and specific detection of motor and non-motor seizures**

15:00 - 15:00

Speaker: Nicolas Zabler, DE**Patient aims and needs - how well are they covered by currently available wearables?**

15:00 - 15:00

Speaker: Elisa Bruno, GB**The next steps – technical improvements and integration of non-EEG and EEG wearables into comprehensive digital patient care**

15:00 - 15:00

Speaker: Andreas Schulze-Bonhage, DE**Contributions of ultralong wearable EEG recording at home to seizure identification and documentation**

15:00 - 15:00

Speaker: Wim van Paesschen, BE

Paediatric Epileptology

15:00 - 16:30

C

Targeted approach to neonatal seizures

Chair: Federico Vigevano, IT

Chair: Masa Malenica, HR

Neonatal presentation of genetic epilepsy 15:00 - 15:00

Speaker: Roberta Cilio, BE

Italian National Neonatal Seizures Collaborative Network (INNESCO) experience 15:00 - 15:00

Speaker: Paola De Liso, IT

Optimizing investigations for inborn errors of metabolism presenting with early onset epilepsy 15:00 - 15:00

Speaker: Carmen Fons, IT

Update on ILAE Classification of Epileptic Syndromes with onset in neonatal period 15:00 - 15:00

Speaker: Ronit Pressler, GB

Neuroimaging

15:00 - 16:30

W

Neuroimaging-guided epilepsy surgery: from science-fiction to reality

Chair: Marian Galovic, CH

fMRI: visualising language and memory 15:00 - 15:00

Speaker: Silvia Bonelli, AT

Multimodal imaging: localising the epileptogenic zone 15:00 - 15:00

Speaker: Niels Focke, DE

Structural imaging: guiding the extent of resection 15:00 - 15:00

Speaker: Marian Galovic, CH

Connectomics: disrupting epileptic networks 15:00 - 15:00

Speaker: Peter Neal Taylor, GB

Drug Therapy

15:00 - 16:30

X

Walk on the wide side: established and emerging factors that contribute to variability in patient response to antiseizure therapies

Chair: Sara Eyal, IL

Chair: Vicente Villanueva, ES

Variability in patient response to antiseizure medications: an overview 15:00 - 15:00

Speaker: Cecilie Johannessen Landmark, NO

The gut microbiota as a novel component to be considered for response to antiseizure therapies 15:00 - 15:00

Speaker: Stefanie Prast-Nielsen, SE

Infection, inflammation, and biologics – expect the unexpected 15:00 - 15:00
Speaker: Sara Eyal, IL

How are you feeling today? Mental health and the response to antiseizure medications 15:00 - 15:00
Speaker: Dana Ekstein, IL

Adult Epileptology
 15:00 - 16:30

V

Challenges and controversies of seizures and epilepsy after stroke

Chair: Asel Jusupova, KG

Chair: Alla Guekht, RU

Late-onset epilepsy predicts stroke? Why? 15:00 - 15:00
Speaker: Francesco Brigo, IT

Update on epidemiology and risk factors of the post-stroke seizures and epilepsy 15:00 - 15:00
Speaker: Alla Guekht, RU

Stroke patients with epilepsy: comorbidities complicating the patients and doctor's life 15:00 - 15:00
Speaker: Simona Lattanzi, IT

Paediatric stroke and seizures: genetic implications 15:00 - 15:00
Speaker: Johan Zelano, SE

Basic Science
 15:00 - 16:30

K

Neurobiology Symposium: The tales of tau in epilepsy: on treatments, biomarkers and translation

Chair: Aristeia Galanopoulou, US

Chair: David Henshall, IE

Chair: Katja Kobow, DE

Targeting tau in epilepsy: lessons from animal models 15:00 - 15:00
Speaker: Sandy Schultz, AU

Tau as a biomarker of epilepsy: the EpiBioS4Rx experience 15:00 - 15:00
Speaker: Patricia Saletti, US

Tau pathologies: understanding and targeting their complexities 15:00 - 15:00
Speaker: Hilal Lashuel, CH

Targeting tau in human epilepsy: why, when, how? 15:00 - 15:00
Speaker: Matthias Koepp, GB

Industry
 16:45 - 18:15

W

Satellite Symposium: UCB

Chair: Margitta Seeck, CH

Introduction & clinical cases 16:45 - 16:45
Speaker: Margitta Seeck, CH

Management of elderly patients with epilepsy

16:45 - 16:45

Speaker: Adam Strzelczyk, DE

Pharmacological treatment of epilepsy in elderly: clinical insights

16:45 - 16:45

Speaker: Simona Lattanzi, IT

Monday, 11. July 2022*Other*

08:00 - 09:30

A

EEC Forum: Climate change and epilepsy: what to know and what to do?*Chair:* Sanjay Sisodiya, GB*Chair:* Angel Aledo-Serrano, ES**Climate change: personal experience**

08:00 - 08:00

Speaker: Galia Wilson, GB**What can we do? The experience of epilepsy climate change**

08:00 - 08:00

Speaker: Simona Balestrini, IT*Other*

08:00 - 09:30

B

EEC Forum: SUDEP - an uncomfortable but necessary discussion*Chair:* Adam Strzelczyk, DE*Chair:* Luis Miguel Aras, ES**Introduction and Welcome**

08:00 - 08:00

Speaker: Luis Miguel Aras, ES**SUDEP, sleep and monitoring: Cohort study of Dravet patients and caregivers from Germany**

08:00 - 08:00

Speaker: Adam Strzelczyk, DE**Recent update on SUDEP research and prevention**

08:00 - 08:00

Speaker: Philippe Ryvlin, CH**How to talk with families about SUDEP**

08:00 - 08:00

Round table and final discussion

08:00 - 08:00

Paediatric Epileptology

08:00 - 09:30

C

Teaching Session: Epileptic encephalopathies

-

08:00 - 08:00

Speaker: Federico Vigevano, IT

-

08:00 - 08:00

Speaker: Alexis Arzimanoglou, FR

-

08:00 - 08:00

Speaker: J Helen Cross, GB*Industry*

08:00 - 09:30

W

Satellite Symposium: PTC Therapeutics*Chair:* Francesco Porto, IT**Identifying AADC deficiency – an underdiagnosed and underreported neurometabolic disorder**

08:00 - 08:00

Speaker: Bruria Ben Zeev, IL

Therapeutic landscape for AADC deficiency: Key clinical data and patient outcomes

08:00 - 08:00

Speaker: Francesco Porto, IT

The AADC deficiency patient journey: A caregiver's perspective

08:00 - 08:00

Speaker: Richard Poulin, SG

Clinical Neurophysiology

08:00 - 09:30

X

Teaching Session: Advanced EEG: source imaging – part 1 (Theory)

-

08:00 - 08:00

Speaker: Sándor Beniczky, DK

-

08:00 - 08:00

Speaker: Pierre Mégevand, CH

-

08:00 - 08:00

Speaker: Stefan Rampp, DE

-

08:00 - 18:00

Posters

Paediatric Epileptology

09:40 - 11:40

A

Is it possible to predict outcome in childhood epilepsies?

Chair: Georgia Ramantani, CH

Chair: Nicola Specchio, IT

The role of genetics: where to start for understanding outcome

09:40 - 10:00

Speaker: Ingrid Scheffer, AU

Disease modifying treatments: is there an option?

10:00 - 10:20

Speaker: Nicola Specchio, IT

Prediction of outcome after epilepsy surgery: what can we learn from the virtual brain?

10:20 - 10:40

Speaker: Fabrice Bartolomei, FR

How EEG, MRI and neuroimaging of brain networks can help?

10:40 - 11:00

Speaker: Torsten Baldeweg, GB

The sooner, the better

11:00 - 11:20

Speaker: Georgia Ramantani, CH

Drug Therapy

09:40 - 11:40

B

Future therapies for epilepsy

Chair: Meir Bialer, IL

Chair: Reetta Kälviäinen, FI

Update on new antiepileptic drugs in the pipeline	09:40 - 10:00
<i>Speaker:</i> Meir Bialer, IL	
Hurdles for development of disease modifying therapies for epilepsy	10:00 - 10:20
<i>Speaker:</i> Matthias Koepp, GB	
A potential new antiseizure drug : the long road from an idea in the lab to a clinical trial.	10:20 - 10:40
<i>Speaker:</i> Lieven Lagae, BE	
Update on new antiepileptic devices in the pipeline	10:40 - 11:00
<i>Speaker:</i> Kristl Vonck, BE	
Innovative treatments for orphan epilepsies, one at a time?	11:00 - 11:20
<i>Speaker:</i> J Helen Cross, GB	
<i>Epilepsy Surgery</i> 09:40 - 13:30	V
Half-day Surgery Symposium	
<i>Chair:</i> Karl Schaller, CH <i>Chair:</i> Karl Rössler, AT	
How to avoid complications in SEEG.	09:40 - 10:00
<i>Speaker:</i> Jorge Gonzalez Martinez , US	
A multimodal brain atlas for combined intracranial electrode monitoring in patients with medically intractable epilepsy	10:00 - 10:20
<i>Speaker:</i> Dennis Spencer, US	
Current neuronavigation tools in epilepsy surgery	10:20 - 10:40
<i>Speaker:</i> Christian Dorfer, AT	
Neurosurgeon's role in gene therapy for epilepsy	10:40 - 11:00
<i>Speaker:</i> Dan Curry, US	
Break	11:00 - 12:00
Neuromodulation options in patients with temporal lobe epilepsy	12:00 - 12:30
Insular epilepsy surgery	12:30 - 13:00
How to approach surgical patients with failures – a neurologists perspective?	13:00 - 13:30
<i>Other</i> 11:40 - 12:40	ILAE YES
How epilepsy papers are reviewed?	
How epilepsy papers are reviewed?	11:40 - 11:40
<i>Speaker:</i> Julia Jacobs-LeVan, CA	

Drug Therapy

12:00 - 13:30

A

Drug Therapy 2*Chair:* Dana Ekstein, IL*Chair:* Bruna Nucera, IT

- | | |
|--|---------------|
| D-galactose supplementation for the treatment of patients with mild malformation of cortical development with oligodendroglial hyperplasia in epilepsy (MOGHE): an interim analysis of a proof-of-concept trial | 12:00 - 12:12 |
| <i>Speaker:</i> Angel Aledo-Serrano, ES | |
| Perampanel in rare genetic epilepsies- is there a targeted effect? | 12:12 - 12:24 |
| <i>Speaker:</i> Angelo Russo, IT | |
| Treatment of status epilepticus in poststroke epilepsy with last generation anti-seizure medication | 12:24 - 12:36 |
| <i>Speaker:</i> Yaroslav Winter, DE | |
| Effect of add-on cannabidiol on seizure frequency and seizure-free intervals in patients with seizures associated with tuberous sclerosis complex: Phase 3 trial GWPCARE6 post-hoc analysis | 12:36 - 12:48 |
| <i>Speaker:</i> Farhad Sahebkar, US | |
| Long-term efficacy and safety of perampanel monotherapy in patients with newly diagnosed/currently untreated recurrent focal-onset seizures: FREEDOM Study 342 Extension Phase | 12:48 - 13:00 |
| <i>Speaker:</i> Takamichi Yamamoto, JP | |
| Stiripentol efficacy and tolerability for drug-resistant epilepsy treatment in tuberous sclerosis complex | 13:00 - 13:12 |
| <i>Speaker:</i> Gewalin Aungaroon, US | |

Adult Epileptology

12:00 - 13:30

B

Adult Epileptology 2*Chair:* Philippe Gelisse, FR*Chair:* Kristina Malmgren, SE

- | | |
|--|---------------|
| Ictal semiology of epileptic seizures with insular and temporal genesis | 12:00 - 12:12 |
| <i>Speaker:</i> Eva Martinez-Lizana, DE | |
| Is drug resistant temporal lobe epilepsy in fact a neurodegenerative disorder? | 12:12 - 12:24 |
| <i>Speaker:</i> Eva Zatloukalova, CZ | |
| Risk of epilepsy after a single unprovoked seizure in individuals after traumatic brain injury | 12:24 - 12:36 |
| <i>Speaker:</i> Markus Karlander, SE | |
| Determinants of medication adherence in people with epilepsy: a multicentric, cross-sectional and observational study | 12:36 - 12:48 |
| <i>Speaker:</i> Flavia Narducci, IT | |

Epilepsy and multiple sclerosis: clinical, radiological, electrophysiological and neuropsychological aspects 12:48 - 13:00

Speaker: Giacomo Evangelista, IT

Sleep architecture, interictal epiptiform discharges and sleep co-morbidities in patients with progressive myoclonus epilepsy type 1 (EPM1) 13:00 - 13:12

Speaker: Jelena Hyppönen, FI

Paediatric Epileptology

12:00 - 13:30

C

Paediatric Epileptology 2

Chair: Bosa Jovic-Jakubi, RS

Chair: Gudrun Gröppel, AT

Post-stroke epilepsy in children is rare and often not stroke-related: data from the Swiss Neuropediatric Stroke Registry 12:00 - 12:12

Speaker: Andrea Rüegger, CH

Seizures and epilepsy in patients with neonatal arterial ischemic stroke: preliminary results from the Italian Registry of Infantile Thrombosis 12:12 - 12:24

Speaker: Marta Conti, IT

Development of seizures in children undergoing stem cell transplantation 12:24 - 12:36

Speaker: Eulàlia Turón-Viñas, ES

Valproate-associated cerebral atrophy in children with epilepsy 12:36 - 12:48

Speaker: Johanna Umlauf, DE

Gain-of-function SCN1A variants cause spectrum of early onset epileptic encephalopathies that respond to sodium channel blocking therapies 12:48 - 13:00

Speaker: Andreas Brunklaus, GB

Old drugs, new indications: efficacy of amantadine for refractory absences and electrical status epilepticus in sleep in children 13:00 - 13:12

Speaker: Victor Soto Insuga, ES

Neuroimaging

12:00 - 13:30

W

Neuroimaging

Chair: Andrea Bernasconi, CA

Chair: Giorgi Kuchukhidze, AT

Altered correlation of simultaneously recorded EEG-fMRI connectomes in temporal lobe epilepsy 12:00 - 12:12

Speaker: Jonathan Wirsich, CH

MELD project: MRI automated detection and atlasing of lesions in focal cortical dysplasia 12:12 - 12:24

Speaker: Konrad Wagstyl, DE

Focal “scalp-invisible” epileptic activity is associated with increased large-scale brain network efficiency	12:24 - 12:36
<i>Speaker:</i> Nicolas Roehri, CH	
7T metabolic MRI in focal epilepsy	12:36 - 12:48
<i>Speaker:</i> Sarah M Jacobs, NL	
Emotion perception and recognition in juvenile myoclonic epilepsy	12:48 - 13:00
<i>Speaker:</i> Lucas Johannes Rainer, AT	
Disorganization of language and working memory systems in frontal versus temporal lobe epilepsy	13:00 - 13:12
<i>Poster Presenter:</i> Lorenzo Caciagli, GB	
<i>Other</i> 12:00 - 13:30	X
Epilepsy in emergencies	
<i>Chair:</i> J Helen Cross, GB	
<i>Chair:</i> Ali Asadi-Pooya, IR	
Epilepsy care during COVID-19 Pandemic	12:00 - 12:00
<i>Speaker:</i> Maria Mazurkiewicz-Bezdzińska, PL	
Epilepsy care during natural disasters	12:00 - 12:00
<i>Speaker:</i> Julie Hall, GB	
Epilepsy Care during conflicts	12:00 - 12:00
<i>Speaker:</i> J Helen Cross, GB	
<i>Other</i> 12:00 - 13:30	K
Wikipedia Workshop	
<i>Industry</i> 13:45 - 15:00	W
Satellite Symposium: Angelini Pharma	
<i>Chair:</i> John Paul Leach, GB	
Towards seizure freedom: getting the best of Antiseizure medications	13:45 - 13:45
<i>Speaker:</i> Ley Sander, GB	
An overview of the key clinical trial data for cenobamate	13:45 - 13:45
<i>Speaker:</i> John Paul Leach, GB	
From clinical evidence to real world experience	13:45 - 13:45
<i>Speaker:</i> Bettina Schmitz, DE	
<i>Speaker:</i> Ley Sander, GB	
Where now for ASM Clinical Trials?	13:45 - 13:45

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Pharmaco-therapy 2

Perampanel as Early Add-on Therapy for Epilepsy Patients with Focal-Onset and Generalised-Onset Seizures Treated in Clinical Practice	13:50 - 13:50
<i>Poster Presenter:</i> Rob McMurray, GB	
Non-seizure-related benefits of cannabidiol among patients with Dravet or Lennox-Gastaut syndromes: a qualitative study	13:50 - 13:50
<i>Poster Presenter:</i> Lisa Moore-Ramdin, GB	
Sex differences in side effects of antiseizure medications in pediatric patients with epilepsy: a systematic review	13:50 - 13:50
<i>Poster Presenter:</i> Barbara Mostacci, IT	
Retrospective chart review study of use of cannabidiol (CBD) independent of concomitant clobazam in patients with Lennox-Gastaut syndrome or Dravet syndrome: interim analysis	13:50 - 13:50
<i>Poster Presenter:</i> Charlotte Nortvedt, GB	
Adjunctive cenobamate in severe drug-resistant epilepsy: an Irish retrospective cohort study	13:50 - 13:50
<i>Poster Presenter:</i> Javier Peña-Ceballos, IE	
Cumulative plasma concentration exposure, not singular concentrations, best explains the correlation for brivaracetam and levetiracetam to photoparoxysmal response elimination in patients with photosensitive epilepsy: updated exploratory results from a randomized, double-blind, crossover study	13:50 - 13:50
<i>Poster Presenter:</i> Ronald Reed, US	
Personalised therapeutic management of epileptic patients guided by pathway-driven breath metabolomics	13:50 - 13:50
<i>Poster Presenter:</i> Kapil Dev Singh, CH	
NCC-1566, a novel Kir channel activator suppressed SUDEP and Status Epilepticus, and could be a potential drug for Dravet syndrome treatment	13:50 - 13:50
<i>Poster Presenter:</i> Takeshi Nanya, JP	
Safety and efficacy of third-generation antiseizure medications: real-world data from a multicentric retrospective study	13:50 - 13:50
<i>Poster Presenter:</i> Roberta Roberti, IT	
Immunotherapy responses of patients with suspected autoimmune-associated epilepsy with negative neural antibody testing	13:50 - 13:50
<i>Poster Presenter:</i> Norah ALKhaldi, CA	
Valproate treatment indication in women with epilepsy who became pregnant	13:50 - 13:50
<i>Poster Presenter:</i> Aleksei Rakitin, EE	
Treatment outcomes by reason for adjunctive brivaracetam	13:50 - 13:50

initiation in a real-life setting: post-hoc analysis of a European study

Poster Presenter: Bernhard Steinhoff, DE

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Pharmaco-therapy 1

Use of machine learning for predicting levetiracetam treatment outcome in temporal lobe epilepsy

13:50 - 13:50

Poster Presenter: Lorenzo Ricci, IT

Impact of number of lifetime antiseizure medications on 12-month effectiveness, quality of life and tolerability outcomes of adjunctive brivaracetam in patients with focal seizures: post-hoc analysis of a real-world European study

13:50 - 13:50

Poster Presenter: John Paul Leach, GB

The impact of disease severity on efficacy from a Phase 2b study of XEN1101, a novel potassium channel opener, in adults with focal epilepsy (X-TOLE)

13:50 - 13:50

Poster Presenter: Cynthia Harden, CA

Upconversion nanoparticle-mediated optogenetics as a potential therapy for epilepsy

13:50 - 13:50

Poster Presenter: Monica Alexander-Sylvester, SA

Phase 2b Efficacy and safety of XEN1101, a novel potassium channel opener, in adults with focal onset seizures (X-TOLE)

13:50 - 13:50

Poster Presenter: Jacqueline French, US

ELEVATE Study 410: perampanel as monotherapy or first adjunctive therapy in patients with focal-onset seizures or generalised tonic-clonic seizures: analysis by patient age

13:50 - 13:50

Poster Presenter: Omar Samad, US

Definition of drug-resistant epilepsy: a reappraisal based on epilepsy types

13:50 - 13:50

Poster Presenter: Ali Asadi-Pooya, IR

Levetiracetam prophylaxis therapy for brain tumor-related epilepsy (BTRE) is associated with a higher psychiatric burden

13:50 - 13:50

Poster Presenter: Stefano Consoli, IT

Final results of a mirroring clinical practice study of perampanel in adults and adolescents: a real-life, observational study of adjunctive perampanel for focal-onset seizures

13:50 - 13:50

Poster Presenter: Anna Gentile, IT

Patients' perspectives on reasons for variable adherence to antiseizure medications

13:50 - 13:50

Poster Presenter: Oliver Henning, NO

Sleep architecture improvement after lacosamide monotherapy in patients with epilepsy

13:50 - 13:50

Poster Presenter: Clementina Lupo, IT

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Epilepsy Surgery & Clinical Neurophysiology

Subdural recordings more frequently result in surgical therapy than depth electrode recordings: A monocentric analysis in 443 consecutive patients undergoing intracranial preoperative evaluation 13:50 - 13:50

Poster Presenter: Andreas Schulze-Bonhage, DE

Seizure patterns from temporal lobe stereoEEG recordings are associated with post-surgical seizure outcome 13:50 - 13:50

Poster Presenter: Vadym Gnatkovsky, DE

Semi-invasive presurgical video-EEG-monitoring with epidural foramen ovale and peg electrodes – a 25-year perspective 13:50 - 13:50

Poster Presenter: Gadi Miron, DE

Twenty-five years of epilepsy surgery at a Central European center – trends in intervention delay and outcomes 13:50 - 13:50

Poster Presenter: Vít Všíanský, CZ

Lesion-focused stereotactic radiofrequency thermocoagulation for bottom of sulcus focal cortical dysplasia: Case series and call for prospective registry study 13:50 - 13:50

Poster Presenter: Tim Wehner, DE

Long-term outcome following selective amygdalo-hippocampectomy in temporal lobe epilepsy: piriform cortex resection reveals superior seizure control rates 13:50 - 13:50

Poster Presenter: Valeri Borger, DE

Start of laser ablation (LiTT) in Spain: initial report of two reference centers 13:50 - 13:50

Poster Presenter: Rodrigo Rocamora, ES

Assessing and predicting visual outcomes after anterior temporal lobectomy and selective amygdohippocampectomy – a quantitative comparison of clinical and tractography data 13:50 - 13:50

Poster Presenter: Philip Pruckner, AT

How anterior temporal lobe resection affects reading networks in patients with temporal lobe epilepsy – Insights of a reading functional MRI study 13:50 - 13:50

Poster Presenter: Michelle Schwarz, AT

Utility of prolonged outpatient EEG in the detection of interictal epileptiform discharges and its impact on clinical management 13:50 - 13:50

Poster Presenter: Yihui Goh, SG

Dynamic properties of HFOs and spikes in the intra-operative electrocortigram in patients with focal cortical dysplasia 13:50 - 13:50

Poster Presenter: Eline Schaft, NL

Defining spike propagation onset with electric source imaging predicts surgical outcome in children with drug-resistant epilepsy 13:50 - 13:50

Poster Presenter: Margherita A. G. Matarrese, IT

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Poster Tours

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Clinical Neurophysiology & Neurostimulation

First seizure: using eeg to distinguish epilepsy vs non-epilepsy patients after a first event 13:50 - 13:50

Poster Presenter: Jolan Heyse, BE

The effect of interictal spikes on the brain regions involved in sudden unexpected death in epilepsy: a pilot study 13:50 - 13:50

Poster Presenter: Stefano Meletti, IT

Dynamic segregation and integration during interictal epileptic discharges revealed by connectome spectrum analyses 13:50 - 13:50

Poster Presenter: Isotta Rigoni, CH

Semi-supervised classification of iEEG using temporal autoencoder neural network 13:50 - 13:50

Poster Presenter: Petr Nejedly, CZ

Dissecting the contribution of hippocampal and non-hippocampal high frequency oscillations in human memory 13:50 - 13:50

Poster Presenter: Estefanía Conde Blanco, ES

Does Val66Met polymorphism of BDNF influence clinical response to vagal nerve stimulation in subjects with drug-resistant epilepsy? 13:50 - 13:50

Poster Presenter: Roberta Coa, IT

Focal non-invasive deep-brain stimulation with temporal interference for the suppression of epileptic biomarkers 13:50 - 13:50

Poster Presenter: Emma Acerbo, FR

MRI-assessed locus coeruleus integrity linked to responsiveness to vagus nerve stimulation in patients with drug-resistant epilepsy 13:50 - 13:50

Poster Presenter: Alexandre Berger, BE

Ictal and interictal features of local field potentials recorded from the anterior thalamic nucleus of epilepsy patients performing deep brain stimulation with the Percept™ PC system 13:50 - 13:50

Poster Presenter: Catarina Caldeiras, PT

Personalized multichannel transcranial direct current electrical stimulation guided by SEEG in drug resistant focal epilepsies 13:50 - 13:50

Poster Presenter: Maeva Daoud, FR

Tracking cortical excitability dynamics with transcranial magnetic stimulation in focal epilepsy 13:50 - 13:50

Poster Presenter: Robert M. Helling, NL

CORE-VNS: a prospective outcomes registry of people with drug-resistant epilepsy treated with vagus nerve stimulation therapy - full cohort demographics 13:50 - 13:50

Poster Presenter: Firas Fahoum, IL

Transcranial focal cortex stimulation (FCS) using the EASEE System to treat pharmacoresistant focal epilepsy: Anti-seizure efficacy in two prospective clinical trials 13:50 - 13:50

Poster Presenter: Andreas Schulze-Bonhage, DE

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Clinical Neurophysiology

A neuromorphic spiking neural network detects epileptic high frequency oscillations in the scalp EEG 13:50 - 13:50

Poster Presenter: Filippo Costa, CH

Characteristics of absence seizures in relation to visuospatial attention 13:50 - 13:50

Poster Presenter: Valentina Barone, NL

Epilepsy following a first seizure – quantum potential as a novel EEG biomarker 13:50 - 13:50

Poster Presenter: Felix Benninger, IL

Spectral factorization-based identification of seizure onset zone 13:50 - 13:50

Poster Presenter: Sofia Kasradze, GE

Is the flicker fusion appropriate to determine neurotoxic adverse events of antiseizure medication in epilepsy patients? 13:50 - 13:50

Poster Presenter: Bernhard Steinhoff, DE

Detection of focal epileptic seizures on EEG signals using the CSP algorithm 13:50 - 13:50

Poster Presenter: Pelagia Vorgia, GR

Multiple mechanisms shape the relationship between seizure pathways and seizure duration 13:50 - 13:50

Poster Presenter: Yujiang Wang, GB

Sensitivity of automated seizure detection tool in long term EEG monitoring 13:50 - 13:50

Poster Presenter: Anders Bach Justesen, DK

Spectral power of interictal EEG in Epilepsy and Functional non-epileptic seizures 13:50 - 13:50

Poster Presenter: Pedro F. Viana, GB

EEG markers for long-term, ambulatory monitoring of absences 13:50 - 13:50

Poster Presenter: Silvano R. Gefferie, NL

Thalamic blood flow and simultaneously measured EEG frequency band power during hyperventilation in genetic generalized epilepsy 13:50 - 13:50

Poster Presenter: Alexander Hammers, GB

Genetics

14:00 - 14:30

Genetics

Facilitator: Ingrid Scheffer, AU

Facilitator: Rafal Kaminski, IT

Facilitator: Renzo Guerrini, IT

Facilitator: Sarah Weckhuysen, BE

Neuroimaging

14:00 - 14:30

Neuroimaging

Facilitator: Andrea Bernasconi, CA

Facilitator: Giorgi Kuchukhidze, AT

Facilitator: Niels Focke, DE

Facilitator: Marian Galovic, CH

Facilitator: Viktor Jirsa, FR

Status Epilepticus

15:00 - 16:30

A

Super-refractory Status Epilepticus – moving forward

Chair: Simon Shorvon, GB

Chair: Silvia Bozzetti, IT

Tearing up the pharmacokinetic principles of epilepsy 15:00 - 15:15

Speaker: Sara Eyal, IL

How good are the conventional therapies 15:15 - 15:30

Speaker: Simon Shorvon, GB

Why try immunological therapy 15:30 - 15:45

Speaker: Eugen Trinka, AT

Novel approaches 15:45 - 16:00

Speaker: Hannah Cock, GB

Clinical Neurophysiology

15:00 - 16:30

B

EEG and artificial intelligence: towards novel prognostic biomarkers in epilepsy

Chair: Giovanni Assenza, IT

Chair: Sándor Beniczky, DK

Machine learning for brain signals: from theoretical properties to clinical applications 15:00 - 15:15

Speaker: Tonio Ball, DE

Measuring the effect of anti-epileptic treatment using machine learning and EEG signals: a novel biomarker?	15:15 - 15:30
<i>Speaker:</i> Lorenzo Ricci, IT	
Connectivity and source analysis using EEG: current role in clinical epileptology for the prediction of outcome	15:30 - 15:45
Artificial intelligence and machine learning for the drug-resistant epilepsy patient: where are we now?	15:45 - 16:00
<i>Speaker:</i> Pieter Van Mierlo, BE	

Epilepsy Surgery
15:00 - 16:30

C

What is new in epilepsy surgery?

Chair: Milan Brazdil, CZ

Chair: Margitta Seeck, CH

Epilepsy outcome in patients with low IQ	15:00 - 15:15
<i>Speaker:</i> Kristina Malmgren, SE	
Epilepsy outcome in children	15:15 - 15:30
<i>Speaker:</i> Laura Tassi, IT	
Laser and more: new techniques on trial	15:30 - 15:45
<i>Speaker:</i> Karl Rössler, AT	
Non-lesional epilepsy: the outcome is not so bad	15:45 - 16:00
<i>Speaker:</i> Margitta Seeck, CH	

Neurostimulation
15:00 - 16:30

W

Advances in neurotechnology of virtual brain modelling and neuromodulation

Chair: Viktor Jirsa, FR

Transcranial low-amplitude current stimulation in the Galvani project	15:00 - 15:15
<i>Speaker:</i> Giulio Ruffini, SE	
Taxonomy of seizure dynamics predicts effects of neurostimulation in epilepsy	15:15 - 15:30
<i>Speaker:</i> William Stacey, US	
High resolution virtual brain modelling enables electric field coupling for active tissue responses	15:30 - 15:45
<i>Speaker:</i> Huifang Wang, FR	
Temporal interference linked with VEP provides non-invasive effective focal treatment in DRE	15:45 - 16:00
<i>Speaker:</i> Adam Williamson, SE	

Drug Therapy

15:00 - 16:30

X

Safety first-how to use registries for improved treatment with ASMs and patient care*Chair:* Cecilie Johannessen Landmark, NO*Chair:* Lina Nashef, GB**Population-based studies for diagnosis and predictions of risks** 15:00 - 15:15*Speaker:* Jakob Christensen, DK**Mortality and life expectancy in epilepsy** 15:15 - 15:30*Speaker:* Claudia Granbichler, AT**The use of a prescription registry for surveillance of adherence and success of treatment** 15:30 - 15:45*Speaker:* Hajo Hamer, DE**The use of therapeutic drug monitoring and prescription databases to monitor ASM safety at the patient and population levels** 15:45 - 16:00*Speaker:* Cecilie Johannessen Landmark, NO*Social Issues*

15:00 - 16:30

V

Needs and priorities in epilepsy care across ages*Chair:* Stanislav Groppa, MD*Chair:* Karen Parko, US**Unmet needs in epilepsy care in the elderly** 15:00 - 15:15*Speaker:* Akio Ikeda, JP**Global health in epilepsy database** 15:15 - 15:30*Speaker:* Karen Parko, US**Research advocacy: what next?** 15:30 - 15:45*Speaker:* Philippe Ryvlin, CH**Resources and needs for epilepsy care provision in children** 15:45 - 16:00*Speaker:* Maria Papadopoulou, FR*Industry*

16:45 - 18:15

W

Satellite Symposium: Jazz Pharma*Chair:* Adam Strzelczyk, DE**Lifelong care: Best practices in the transition to adult care** 16:45 - 16:45*Speaker:* Rima Nabbout, FR**Re-evaluating treatment for optimal long-term care** 16:45 - 16:45*Speaker:* Carlo Di Bonaventura, IT**Cannabidiol in adult patients: Meeting the evolving needs of patients and carers** 16:45 - 16:45*Speaker:* Shanika Samarasekera, GB

Adult Epileptology

16:45 - 18:15

X

The GABA wave 35 years on: the lessons from GABAergic drugs for future drug development*Chair:* Simon Shorvon, GB*Chair:* Paul Boon, BE

The GABA wave – the story of vigabatrin and CNS-active GABA derivatives in epilepsy 16:45 - 17:00

Speaker: Simon Shorvon, GB

How vigabatrin, progabide and tiagabine affected the development of new CNS-active GABA derivatives 17:00 - 17:15

Speaker: Meir Bialer, IL

The current role of GABA derivatives in epilepsy treatment 17:15 - 17:30

Speaker: Reetta Kälviäinen, FI

How can we develop better GABA derivatives than the currently available commercially? 17:30 - 17:45

Speaker: Wolfgang Löscher, DE*Clinical Neurophysiology*

16:45 - 18:15

V

Scalp high frequency oscillations (HFO) as a novel noninvasive diagnostic to improve epilepsy surgery outcome*Chair:* Aljoscha Thomschewski, AT*Chair:* Johannes Sarnthein, CH

Scalp HFO in the pediatric EEG: high-density recordings and clinical applications 16:45 - 17:00

Speaker: Julia Jacobs-LeVan, CA

Scalp HFO in the EEG combined with MEG 17:00 - 17:15

Speaker: Maeike Zijlmans, NL

Scalp HFO in the pediatric EEG: low-noise neuromorphic detector and clinical applications 17:15 - 17:30

Speaker: Georgia Ramantani, CH

HFO vs. spikes in the invasive EEG: which is the best biomarker? 17:30 - 17:45

Speaker: Birgit Frauscher, CA

Tuesday, 12. July 2022

Psychiatry & Neuropsychology
08:00 - 09:30

A

EEC Forum: Psychiatric comorbidities in persons with epilepsy: update on guidelines and recommendations

Chair: Kette Valente, BR

My child's behavior has been a problem lately. Is it safe to prescribe metilphenidate considering his diagnosis of Dravet syndrome?" Guidelines on treatment of ADHD in pediatric epilepsy 08:00 - 08:00

Speaker: Stéphane Auvin, FR

Despite the fact that my child's seizures are controlled, she has been sad lately. What can we do about it?" Recommendations on diagnosis and treatment of depression for children with epilepsy 08:00 - 08:00

Speaker: Kette Valente, BR

My child's events are not the same after epilepsy surgery. It seems that they are associated mainly with stress. Is it possible? PNES in children: Recommendations about assessment and management 08:00 - 08:00

Speaker: Colin Reilly, SE

My doctor recommended me to take antidepressants but he is not sure. Is it safe for me to take antidepressants if I have epilepsy? What side effects could I get? Recommendations to pharmacological treatment of depression in persons with epilepsy 08:00 - 08:00

Speaker: Marco Mula, GB

Basic Science
08:00 - 09:30

B

EEC Forum: Real-time processing of brain biosignals; applied to epileptiform discharges, behavior, and cognition

Chair: Heinz Krestel, CH

State of the art of machine learning algorithms for real-time biosignal processing, advantages, disadvantages, potential applications 08:00 - 08:00

Speaker: Diyuan Lu, DE

Brain-computer interfaces and its latencies 08:00 - 08:00

Speaker: Heinz Krestel, CH

Detection of transient cognitive impairment in dementia evaluation 08:00 - 08:00

Speaker: Justina Rackauskaite, CH

Detection of transient cognitive impairment in fitness-to-drive evaluation 08:00 - 08:00

Speaker: Heinz Krestel, CH

Paediatric Epileptology

08:00 - 09:30

C

Teaching Session: Immunity, inflammation and epilepsy*Chair:* Jeffrey Britton, US**The immunology underlying of autoimmune epilepsies** 08:00 - 08:00*Speaker:* Adam Handel, GB**Epileptogenic mechanisms of human autoantibodies** 08:00 - 08:00*Speaker:* Christian Geis, DE**Management of patients with suspected autoimmune epilepsy** 08:00 - 08:00*Speaker:* Jeffrey Britton, US**Autoimmune epilepsy in paediatric patients** 08:00 - 08:00*Speaker:* Sukhvir Wright, GB*Clinical Neurophysiology*

08:00 - 09:30

W

Teaching Session: Advanced EEG: source imaging – part 2 (Hands-on)

-

08:00 - 08:00

Speaker: Sándor Beniczky, DK

-

08:00 - 08:00

Speaker: Pierre Mégevand, CH

-

08:00 - 08:00

Speaker: Stefan Rampp, DE

-

08:00 - 18:00

Posters*Drug Therapy*

09:00 - 09:30

X

Award Symposium: Epilepsia Prize 2022 - Clinical*Chair:* Astrid Nehlig, FR*Chair:* Michael Sperling, US**Prediction of seizure recurrence risk following discontinuation of antiepileptic drugs** 09:00 - 09:00*Speaker:* Margherita Contento, IT*Paediatric Epileptology*

09:00 - 09:30

V

Award Symposium: Epileptic Disorders Prize 2022*Chair:* Sándor Beniczky, DK**Transient infant movements (TIM): frequent infant non-pathological developmental motor phenomena** 09:00 - 09:00*Speaker:* Ludovica Mariaia Piscitello, IT

Epilepsy Surgery

09:40 - 11:40

A

How to deal with multiple failed epilepsy surgeries?*Chair:* Karl Schaller, CH*Chair:* Susanne Knake, DE**Case presentations**

09:40 - 09:40

Speaker: Karl Schaller, CH**The epileptologists propositions**

09:40 - 09:40

Speaker: Laura Tassi, IT**The neuro-imager's view**

09:40 - 09:40

Speaker: Andrea Bernasconi, CA**Emerging neurosurgical solutions**

09:40 - 09:40

Speaker: Steven Ojemann, US**Conventional neurosurgical options**

09:40 - 09:40

Speaker: Charles Liu, US*Basic Science*

09:40 - 11:40

B

Novel approaches to drug discovery*Chair:* Matthew Walker, GB*Chair:* Heidrun Potschka, DE**Why we need novel approaches**

09:40 - 09:40

Speaker: Heidrun Potschka, DE**Novel models of paediatric epilepsies**

09:40 - 09:40

Speaker: Stéphane Auvin, FR**Zebrafish as tools for personalised medicine**

09:40 - 09:40

Speaker: Daniëlle Copmans, BE**Use of gene networks and induced pluripotent stem cells in drug discovery**

09:40 - 09:40

Speaker: Rafal Kaminski, IT*Other*

11:40 - 12:40

ILAE YES

How and when animal models are useful in epilepsy research**How and when animal models are useful in epilepsy research**

11:40 - 11:40

Clinical Neurophysiology

12:00 - 13:30

A

Clinical Neurophysiology 2*Chair:* Christos Lisgaras, US*Chair:* Julia Jacobs-LeVan, CA**Generalised epileptic fast activity is a biomarker for changes in seizure frequency in Lennox-Gastaut syndrome**

12:00 - 12:12

Speaker: Linda Dalic, AU

Patient-specific seizure forecasting using minimally-invasive subcutaneous EEG - a multicenter cohort analysis	12:12 - 12:24
<i>Speaker:</i> Pedro F. Viana, GB	
Quantitative analysis of EEG frequency composition in STXBP1 developmental epileptic encephalopathy	12:24 - 12:36
<i>Speaker:</i> Alberto Cossu, DK	
Epileptic Spasms are associated with increased SEEG derived functional connectivity in tuberous sclerosis complex	12:36 - 12:48
<i>Speaker:</i> Sylvain Rheims, FR	
?????ENCEVIS automatic seizure detection - evaluation in the setting of epilepsy monitoring unit	12:48 - 13:00
<i>Speaker:</i> Aleksandre Tsereteli, GE	
What is the optimal duration of home-video-EEG monitoring for patients with less than daily seizures? A practical simulation study	13:00 - 13:12
<i>Speaker:</i> Dana Ekstein, IL	

Adult Epileptology
12:00 - 13:30

B

Adult Epileptology 3

Chair: Manjari Tripathi, IN

Chair: Silvia Bozzetti, IT

Pharmacological treatment influences multidien cycles in focal epilepsy	12:00 - 12:12
<i>Speaker:</i> Cecilia Friedrichs-Maeder, CH	
Awareness alteration in focal epilepsy is related to loss of signal complexity and information processing	12:12 - 12:24
<i>Speaker:</i> Nada El Youssef, FR	
Efficacy of perampanel in nocturnal seizures in adult patients with epilepsy	12:24 - 12:36
<i>Speaker:</i> Samuel López Maza, ES	
Cavum Septum Pellucidum on MRI is a marker of generalised convulsive epilepsy	12:36 - 12:48
<i>Speaker:</i> Emma Dolan, IE	
Psychiatric and cognitive adverse events of eslicarbazepine acetate (ESL) monotherapy on adults with focal seizures: results from a randomized, double-blind, active-controlled study and a 2-year open-label extension study	12:48 - 13:00
<i>Speaker:</i> Sophie Dupont, FR	
Duration of postictal impaired awareness after bilateral tonic-clonic seizures: EEG and patient characteristics	13:00 - 13:12
<i>Speaker:</i> Masud Seyal, US	

Status Epilepticus

12:00 - 13:30

C

Status Epilepticus*Chair:* Giada Giovannini, IT*Chair:* Asel Jusupova, KG

Spectrum of peri-ictal MRI abnormalities in status epilepticus	12:00 - 12:12
<i>Speaker:</i> Giorgi Kuchukhidze, AT	
Peri-ictal MRI abnormalities in status epilepticus: Is there an optimal time window for an acute MRI?	12:12 - 12:24
<i>Speaker:</i> Lukas Machegger, AT	
Machine-learning validation of the Epidemiology-based Mortality score in Status Epilepticus (EMSE)	12:24 - 12:36
<i>Speaker:</i> Francesco Brigo, IT	
External validation of the Status Epilepticus Severity Score (STESS) to predict mortality: a machine-learning analysis	12:36 - 12:48
<i>Speaker:</i> Simona Lattanzi, IT	
EEG seizures onset patterns and duration in focal status epilepticus	12:48 - 13:00
<i>Speaker:</i> Giulia Turchi, IT	
Etiology of status epilepticus and its relation with peri-ictal MRI abnormalities	13:00 - 13:12
<i>Speaker:</i> Pilar Bosque Varela, AT	

Epidemiology

12:00 - 13:30

W

Epidemiology*Chair:* Claudia Granbichler, AT*Chair:* Francesca Sofia, IT

The influence of comorbidity on mortality in patients with epilepsy and psychogenic non-epileptic seizures ?	12:00 - 12:12
<i>Speaker:</i> Wendy D'Souza, AU	
Adherence patterns in antiseizure medications influencing the risk of Sudden Unexplained Death in Epilepsy: a data linkage study using dispensed prescriptions	12:12 - 12:24
<i>Speaker:</i> Wendy D'Souza, AU	
Risk factors for nodding syndrome and other forms of epilepsy in northern Uganda: a case-control study	12:24 - 12:36
<i>Speaker:</i> Nolbert Gumisiriza, UG	
Sudden unexpected death in epilepsy (SUDEP) in persons younger than 50 years – a retrospective nationwide cohort study in Denmark	12:36 - 12:48
<i>Speaker:</i> Marius Kløvgaard, DK	
Does etiology influence the risk of relapse after first seizure?	12:48 - 13:00
The COVID-19 Pfizer BioNTech mRNA vaccine and the	13:00 - 13:12

frequency of seizures*Speaker:* Lilach Goldstein, IL*Neurostimulation*

12:00 - 13:30

X

Neurostimulation*Chair:* Rodrigo Rocamora, ES**Characterization of neural dynamics between the anterior thalamus and the cortex in epilepsy patients**

12:00 - 12:12

Speaker: Giovanna Aiello, CH**Role of vagal nerve stimulation (VNS) on thalamo-cortical network: a study of somatosensory evoked potentials (SEPs) and quantitative electroencefalography (qEEG)**

12:12 - 12:24

Speaker: Giovanni Assenza, IT**Personalized predictive modeling of epileptic network dynamics**

12:24 - 12:36

Speaker: Tena Dubcek, CH**Laryngeal motor evoked potentials as biomarkers of Vagus Nerve Stimulation responsiveness in drug-resistant epilepsy**

12:36 - 12:48

Speaker: Riem El Tahry, BE**The analogy between structural networks obtained from diffusion weighted imaging and effective networks derived from single pulse electrical stimulation in people with epilepsy**

12:48 - 13:00

Speaker: S.B. Jelsma, NL**DBS of thalamic centromedian nucleus for Lennox-Gastaut syndrome (ESTEL trial)**

13:00 - 13:12

Speaker: Linda Dalic, AU*Genetics*

12:00 - 13:30

V

Genetics*Chair:* Sarah Weckhuysen, BE**Functional analysis of SCN1A non-canonical splice-site variants reveals high rate of false-positive causative variants**

12:00 - 12:12

Speaker: Peter Sparber, RU**The phenotype of SCN8A-lof epilepsy and related disorders**

12:12 - 12:24

Speaker: Roberto Previtali, DK**In vitro human model of focal cortical dysplasia demonstrates early junctional instability in the neuroepithelium and network hyperexcitability**

12:24 - 12:36

Speaker: Iscia Lopes-Cendes, BR**Impact of genetic testing on therapeutic decision making in childhood-onset epilepsies - a study of a tertiary referral centre**

12:36 - 12:48

Speaker: Allan Bayat, DK**Delineation of the epileptic and neurodevelopmental phenotype**

12:48 - 13:00

associated with germline variants of the *RORB* gene*Speaker:* Zeynep Gokce-Samar, FR**The neonatal presentation of BRAT1-encephalopathy**

13:00 - 13:12

Speaker: Evelina Carapancea, BE*Industry*

13:45 - 15:00

W

Satellite Symposium: Miller Medical Communication*Chair:* Rima Nabbout, FR**The Importance of Non-Seizure Outcomes in DEEs: An Overview**

13:45 - 13:45

Speaker: Rima Nabbout, FR**Improving Non-Seizure Outcomes in DEEs with Targeted Therapies**

13:45 - 13:45

Speaker: Renzo Guerrini, IT**Effect of Targeted Therapies on SUDEP Mortality: An Update**

13:45 - 13:45

Speaker: Jeffrey Noebels, US*ILAE YES Poster Tours*

13:50 - 15:00

Poster Tours

Poster Tours*ILAE YES Poster Tours*

13:50 - 15:00

Poster Tours

Paediatric epilepsy 2**Severe epileptic encephalopathy in patients with Down syndrome caused by double genetic pathology**

13:50 - 13:50

Poster Presenter: Tadeja Hostnik, SI**Does electrographic overlap between CAE and BECTs indicates unfavorable cognitive prognosis?**

13:50 - 13:50

Poster Presenter: Bosa Jovic-Jakubi, RS**Parent reported seizure provoking factors and strategies employed to avoid seizures in children with Dravet syndrome**

13:50 - 13:50

Poster Presenter: Colin Reilly, SE**Treatment-response and long-term prognosis in patients with electrical status epilepticus in sleep**

13:50 - 13:50

Poster Presenter: Hadar Weisman, IL**Longitudinal relationship between seizure burden and developmental progression and the implications on quality of life in children with CDKL5 deficiency disorder**

13:50 - 13:50

Poster Presenter: Alex Aimetti, US**Lennox Gastaut syndrome diagnosis: changing trends over time - a strategic shift?**

13:50 - 13:50

Poster Presenter: Nicholas Evans, GB

Understanding the journey of Dravet syndrome patients and their families: a qualitative study of their lived experience	13:50 - 13:50
<i>Poster Presenter:</i> Judith Luker, GB	
Mood disturbances before and after resective surgery in pediatric epilepsy: preliminary findings	13:50 - 13:50
<i>Poster Presenter:</i> Cinzia Correale, IT	
How confident can we be when making personalised predictions of outcome after epilepsy surgery in children?	13:50 - 13:50
<i>Poster Presenter:</i> Maria Helena Eriksson, GB	
Treatment outcome following the transition to adult epilepsy care in childhood-onset epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Dong Won Kwak, KR	
Vagus nerve stimulation (VNS) in patients with developmental and epileptic encephalopathies (DEE)	13:50 - 13:50
<i>Poster Presenter:</i> Konstantin Hrisimirov Kostov, NO	
Supporting Attention in Children with Epilepsy (SPACE): pilot of a psychoeducational intervention for children with epilepsy and difficulties with attention	13:50 - 13:50
<i>Poster Presenter:</i> Colin Reilly, SE	
<i>ILAE YES Poster Tours</i> 13:50 - 15:00	Poster Tours
Paediatric epilepsy 1	
Phase 2, placebo-controlled clinical study of oral ganaxolone in PCDH19-clustering epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Renzo Guerrini, IT	
Illness representation and self-management in adolescents with functional seizures	13:50 - 13:50
<i>Poster Presenter:</i> Andrea Tanner, US	
Prognostic predictors of postneonatal epilepsy in newborns with perinatal asphyxia treated with hypothermia	13:50 - 13:50
<i>Poster Presenter:</i> Eleonora Pollina, IT	
Expanding the phenotypic and neuroimaging spectrum of PLPBP-related pyridoxine-dependent epilepsy	13:50 - 13:50
<i>Poster Presenter:</i> Hanin Alsini, SA	
Clinical and videoelectroencephalographic findings in children older than 2 years with daily Epileptic spasms	13:50 - 13:50
<i>Poster Presenter:</i> Marina Aberastury, AR	
Diagnostic performance of a blood test for the early, simple and fast detection of Glut1 deficiency syndrome	13:50 - 13:50
<i>Poster Presenter:</i> Josep Bonet Papell, FR	
Video telemetric epilepsy follow-up augmented by electronic documentation during the corona pandemic	13:50 - 13:50

Poster Presenter: Rainer Boor, DE

Prognostic factors and seizure outcome in posterior reversible encephalopathy syndrome (PRES) in children with malignancies 13:50 - 13:50

Poster Presenter: Pavlína Danhofer, CZ

Epileptic spasms in children: clinical-electroencephalographic aspects 13:50 - 13:50

Poster Presenter: Ludmila Feghiu, MD

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Neuroimaging

Functional reorganization of language networks after temporal lobe resection 13:50 - 13:50

Poster Presenter: Silvia Bonelli, AT

Automated characterisation and lateralisation of hippocampal sclerosis from MRI in children with epilepsy 13:50 - 13:50

Poster Presenter: Mathilde Ripart, GB

Anatomical and functional alterations in juvenile myoclonic epilepsy: voxel-based morphometry and resting-state fMRI study 13:50 - 13:50

Poster Presenter: Emel Ur Özçelik, TR

Clinical benefit of the HARNESSTMRI protocol for focal epilepsy: a monocenter prospective study 13:50 - 13:50

Poster Presenter: Anna Elisabetta Vaudano, IT

Increased vulnerability of brain networks in focal epilepsy is driven by local topology reorganization 13:50 - 13:50

Poster Presenter: Dumitru Ciolac, DE

Understanding BOLD signal variability in paediatric epilepsy 13:50 - 13:50

Poster Presenter: Roy Eagleson, CA

Network characterization of the prefrontal cortex in children with intractable epilepsy 13:50 - 13:50

Poster Presenter: Roy Eagleson, CA

Detecting electrical discharges using MRI: insights to the neuronal current Imaging sequence and results in patients with first unprovoked epileptic seizure 13:50 - 13:50

Poster Presenter: Baudouin Zongxin Jin, CH

The role of the amygdala in ictal central apnea: new insights from brain MRI structural morphometry and long-term video EEG monitoring 13:50 - 13:50

Poster Presenter: Elisa Micalizzi, IT

Integration of high-resolution ultra-high-field 7T magnetic resonance imaging into clinical care of epilepsy patients: first results 13:50 - 13:50

Poster Presenter: Piotr Radojewski, CH

Brain morphometry from post-contrast MRI to analyze data from first-seizure patients acquired with clinical protocols 13:50 - 13:50

Poster Presenter: Michael Rebsamen, CH

Diffusion kurtosis parameters show a higher difference between focal cortical dysplasia and healthy tissue than standard diffusion parameters 13:50 - 13:50

Poster Presenter: David Kala, CZ

Automatic and manual segmentation of the piriform cortex: method development and application to patients with mesial temporal lobe epilepsy 13:50 - 13:50

Poster Presenter: David Steinbart, DE

ILAE YES Poster Tours

13:50 - 15:00

Poster Tours

Genetics

Genotype and phenotypic features of *POU3F3*-related disorders 13:50 - 13:50

Poster Presenter: Alessandra Rossi, DK

Movement disorders as a part of the *SCN8A*-phenotypic spectrum 13:50 - 13:50

Poster Presenter: Margherita Aluffi Valletti, IT

Cortical visual impairment in *CDKL5* deficiency disorder 13:50 - 13:50

Poster Presenter: Domenica Immacolata Battaglia, IT

Beyond monogenic: widespread genomic influences on the phenotype in Dravet syndrome 13:50 - 13:50

Poster Presenter: Lisa M Clayton, GB

Abnormal sensory motor cortex and thalamo-cortical networks in familial adult myoclonic epilepsy type 2 13:50 - 13:50

Poster Presenter: Antonietta Coppola, IT

Comparison of variant effects in *SCN*-gene paralogs predict function across sodium channelopathies 13:50 - 13:50

Poster Presenter: Tony Feng, GB

Linking whole exome sequencing with electronic health care record – a proof of concept epilepsy genomics linkage study 13:50 - 13:50

Poster Presenter: Beata Fonferko-Shadrach, GB

Mutation landscape in 155 children with developmental and epileptic encephalopathies 13:50 - 13:50

Poster Presenter: Christian Korff, CH

Computational and functional analysis identifies *AP3D1* as a promising candidate gene associated with epilepsy 13:50 - 13:50

Poster Presenter: Taylor Nagai, US

Diagnostic yield of targeted monogenic epilepsies genes panel 13:50 - 13:50

sequencing: report of our experience in Lyon, France*Poster Presenter:* Pauline MONIN, FR**The clinical utility of genetic testing on patients with developmental and epileptic encephalopathies**

13:50 - 13:50

Poster Presenter: Anni Saarela, FI**10 years of CGH for epilepsy indication at the University Hospital of Lyon (France) - diagnostic yield, identified CNVs and strategy in the genome sequencing era**

13:50 - 13:50

Poster Presenter: Evan GOUY, FR**Ganaxolone significantly reduces major motor seizures associated with Cdkl5 deficiency disorder: a randomized, double-blind, placebo-controlled Phase 3 study**

13:50 - 13:50

Speaker: Nicola Specchio, IT**The p.Glu787Lys variant in the *GRIA3* gene causes developmental and epileptic encephalopathy mimicking structural epilepsy in a female patient**

13:50 - 13:50

Poster Presenter: Anastasia Martinez-Esteve Melnikova, ES*ILAE YES Poster Tours*
13:50 - 15:00

Poster Tours

Basic Science**The effect of optogenetic activation of hippocampal interneurons on interictal epileptiform discharges**

13:50 - 13:50

Poster Presenter: Jan Kudláček, CZ**Long-term outcomes and disease progression in an infantile rat model of acquired epilepsy**

13:50 - 13:50

Poster Presenter: Rossella Di Sapia, IT**Higher susceptibility to 6 Hz corneal kindling and lower responsiveness to antiseizure drugs in mouse models of Alzheimer's disease**

13:50 - 13:50

Poster Presenter: Maxime Vande Vyver, BE**Increased seizure susceptibility and disturbed cognitive performance after intracerebroventricular injections of NMDAR antibody in passive transfer rat model of autoimmune encephalitis**

13:50 - 13:50

Poster Presenter: Sura Akat Piskin, TR**Effects of structurally related antiepileptic drugs of the dibenzazepine family on human Na_v1.2 sodium channels**

13:50 - 13:50

Poster Presenter: Kunihiro Araki, DE**Fishing for antiseizure drugs in the North Sea, the discovery of halimide and plinabulin**

13:50 - 13:50

Poster Presenter: Daniëlle Copmans, BE**Comparing data- and model-driven approaches to identify epileptic brain states in rat and human electrophysiology**

13:50 - 13:50

Poster Presenter: Isa Dallmer-Zerbe, CZ

Pericardial injection of kainic acid in zebrafish larvae induces spontaneous and chronic epileptic seizures 13:50 - 13:50

Poster Presenter: Lise Heylen, BE

Histological and electrophysiological correlates of posttraumatic spike-wave discharges in rats 13:50 - 13:50

Poster Presenter: Ilia Komoltsev, RU

Modulation of AMPA receptors as therapeutic strategy to counteract neuronal hyperexcitability and cognitive deficits in mouse models of cerebral amyloidosis 13:50 - 13:50

Poster Presenter: Antonio Leo, IT

Structural and molecular characterization of the gut-brain axis in a rat model of acquired epilepsy 13:50 - 13:50

Poster Presenter: Teresa Ravizza, IT

Neurofilament light chain in the interstitial fluid of the mouse brain, a novel biomarker for epilepsy? 13:50 - 13:50

Poster Presenter: Marie-Laure Custers, BE

The long-term distribution of seizures in a mouse model of focal cortical dysplasia type II 13:50 - 13:50

Poster Presenter: Monika ?eho?ová, CZ

Status Epilepticus

14:00 - 14:30

Status epilepticus

Facilitator: Andrea Rossetti, CH

Facilitator: Eugen Trinká, AT

Epilepsy Surgery

14:00 - 14:30

Surgery / Neurostimulation

Facilitator: Birgit Frauscher, CA

Facilitator: Karl Rössler, AT

Facilitator: Jorge Gonzalez Martinez, US

Facilitator: Christian Dorfer, AT

Facilitator: Arthur Cukiert, BR

Facilitator: Alexander Weil, CA

Facilitator: Susanne Knake, DE

Paediatric Epileptology

15:00 - 16:30

Gaps and new concepts in neonatal epilepsy

Chair: Ronit Pressler, GB

Chair: Maria Mazurkiewicz-Be?dzi?ska, PL

What is neonatal epilepsy and why does the definition matter? 15:00 - 15:15

Speaker: Ronit Pressler, GB

The ILAE syndrome definitions for neonatal epilepsies 15:15 - 15:30

Speaker: Sameer Zuberi, GB

Management of neonatal epilepsies: state of the art and remaining knowledge gaps

15:30 - 15:45

Speaker: Renée Shellhaas, US

Supporting parents of neonates with epilepsy

15:45 - 16:00

Speaker: Maria Luisa Tataranno, NL

Other

15:00 - 16:30

B

Symposium of Excellence in Epileptology

Chair: Eugen Trinka, AT

Chair: Matthew Walker, GB

Discovery and development of new antiepileptic drugs; what did I learn from unsuccessful attempts

15:00 - 15:00

Speaker: Meir Bialer, IL

Capturing brain impairment in the early stages of human epilepsy

15:00 - 15:00

Speaker: Simon Keller, GB

Advanced neurophysiology for epilepsy surgery

15:00 - 15:00

Speaker: Maeike Zijlmans, NL

Neurostimulation

15:00 - 16:30

C

Choosing between RNS, DBS, and VNS

Chair: Michael Sperling, US

Chair: Kristl Vonck, BE

Deep Brain Stimulation: Benefits and Risks

15:00 - 15:15

Speaker: Jukka Peltola, FI

RNS: Benefits and Risks

15:15 - 15:30

Speaker: Michael Sperling, US

VNS: Benefits and Risks

15:30 - 15:45

Speaker: Lina Nashef, GB

Pediatric neurostimulation

15:45 - 16:00

Speaker: Rory Piper, GB

Case Studies in Neuromodulation

16:00 - 16:15

Speaker: Michael Sperling, US

Speaker: Jukka Peltola, FI

Speaker: Lina Nashef, GB

Speaker: Rory Piper, GB

Clinical Neurophysiology

15:00 - 16:30

W

Neurophysiological aspects of sleep and epilepsy: is it time for a new era?*Chair:* Claudio Liguori, IT*Chair:* Dana Craiu, RO

Human brain mapping in sleep can improve seizure diagnosis and treatment 15:00 - 15:15

Speaker: Birgit Frauscher, CA

Circadian sleep-wake cycle in epilepsy: should we study it for improving seizure treatment? 15:15 - 15:30

Speaker: Claudio Liguori, IT

Sleep disruption associated with ictal and interictal activity in patients with epilepsy: from neurophysiology to therapeutic issues 15:30 - 15:45

Speaker: Laure Peter-Derex, FR

Neurophysiology of sleep in epilepsy: what can tell animal model studies? 15:45 - 16:00

Speaker: Igor Timofeev, CA*Comorbidities*

15:00 - 16:30

X

Outcome measures in persons with intellectual disability, epilepsy, and behavioural concerns: how lived experiences can change our perspectives*Chair:* Christian Brandt, DE*Chair:* Rohit Shankar, GB

Patient reported outcome measures and shared decision-making in persons with epilepsy and intellectual disability 15:00 - 15:15

Speaker: Christian Brandt, DE

The challenges and application of high quality care in epilepsy and intellectual disability populations in Holland: a view from an intellectual disability (ID) physician 15:15 - 15:30

Speaker: Francesca Schouwenaars, NL

The challenges and application of high quality care in epilepsy and intellectual disability populations in the UK: a view from a psychiatrist in intellectual disability 15:30 - 15:45

Speaker: Rohit Shankar, GB

A family's perspective on patient-reported outcome measures 15:45 - 16:00

Speaker: Francesca Sofia, IT*Epilepsy Surgery*

15:00 - 16:30

V

Use of radio-frequency and laser techniques for epilepsy surgery*Chair:* Rodrigo Rocamora, ES

Robotic thermo-coagulative hemispherotomy (ROTCH) 15:00 - 15:15

Speaker: P Sarat Chandra, IN

	SEEG guided radio frequency ablation	15:15 - 15:30
	<i>Speaker:</i> George Dorfmueller, FR	
	Stereotactic guided radio-frequency ablation for hypothalamic hamartoma	15:30 - 15:45
	<i>Speaker:</i> Hiroshi Shirozu, JP	
	Laser interstitial thermo-coagulation for mesial temporal sclerosis – recent	15:45 - 16:00
	<i>Speaker:</i> Ido Strauss, IL	
<i>Industry</i>		
16:45 - 18:15		W
Satellite Symposium: Eisai		
<i>Chair:</i> Bernhard Steinhoff, DE		
	Switching between monotherapies or adding another antiseizure medication? A case supporting rational polytherapy	16:45 - 16:45
	<i>Speaker:</i> Eva Theochari, GB	
	iCases, clinical experience of early add on adjunctive anti-seizure medication	16:45 - 16:45
	<i>Speaker:</i> Angelo Labate, IT	
<i>Epilepsy Surgery</i>		
16:45 - 18:15		X
Advances in epilepsy surgery: preventing seizures, maintaining cognition		
<i>Chair:</i> Marian Galovic, CH		
<i>Chair:</i> Laura Tassi, IT		
	Predicting neuropsychological outcomes of epilepsy	16:45 - 17:00
	<i>Speaker:</i> Sallie Baxendale, GB	
	Pathologies driving outcome of epilepsy surgery: updates from the European Epilepsy Brain Bank	17:00 - 17:15
	<i>Speaker:</i> Ingmar Blümcke, DE	
	Neuroimaging and machine learning guided neurosurgery	17:15 - 17:30
	<i>Speaker:</i> Marian Galovic, CH	
	Brain stimulation for epilepsy	17:30 - 17:45
	<i>Speaker:</i> Paul Boon, BE	
<i>Clinical Neurophysiology</i>		
16:45 - 18:15		V
Clinical neurophysiology for coma prognostication after cardiac arrest		
<i>Chair:</i> Andrea Rossetti, CH		
<i>Chair:</i> Michel van Putten, NL		
	Introduction: the interdisciplinary approach	16:45 - 17:00
	<i>Speaker:</i> Pia de Stefano, CH	
	SSEP pearls and pitfalls	17:00 - 17:15
	<i>Speaker:</i> Christoph Leithner, DE	

Postanoxic status epilepticus management

17:15 - 17:30

Speaker: Andrea Rossetti, CH

EEG: prognostic value and SE detection

17:30 - 17:45

Speaker: Erik Westhall, SE

Wednesday, 13. July 2022*Epidemiology*

08:00 - 09:30

A

EEC Forum: Systematic reviews and meta-analyses in epilepsy: an interactive workshop on how to interpret and use them in clinical practice*Chair:* Francesco Brigo, IT**How and why to develop a systematic review** 08:00 - 08:00*Speaker:* Simona Lattanzi, IT**How to read and interpret systematic reviews and meta-analyses of interventional studies** 08:00 - 08:00*Speaker:* Francesco Brigo, IT**How to use systematic reviews and meta-analyses to inform clinical practice and public health policies** 08:00 - 08:00*Speaker:* Anthony Marson, GB*Epilepsy and Reproductive Health*

08:00 - 09:30

B

Reproductive hormones and epilepsy*Chair:* Bruna Nucera, IT**The influence of the ovaric cycle on seizure occurrence: focus on catamenial epilepsy** 08:00 - 08:00*Speaker:* Bruna Nucera, IT**Reproductive health in people with epilepsy: fertility and infertility** 08:00 - 08:00*Speaker:* Ewa Czapinska-Ciepiela, PL**Changes in seizure frequency and antiepileptic therapy during pregnancy and breastfeeding** 08:00 - 08:00*Speaker:* Barbara Mostacci, IT**Sex differences in characteristics of idiopathic generalized epilepsies** 08:00 - 08:00*Speaker:* Ali Asadi-Pooya, IR*Paediatric Epileptology*

08:00 - 09:30

C

EEC Forum: Rare and complex epilepsies in 2030 and the role of ERN EpiCARE*Chair:* Alexis Arzimanoglou, FR**Epilepsy care in Europe: learning from the experience of the European Reference Network EpiCARE** 08:00 - 08:00*Speaker:* Alexis Arzimanoglou, FR**Optimal interaction between the ERN EpiCARE and national reference networks** 08:00 - 08:00*Speaker:* Reetta Kälviäinen, FI**Evidence based Guidelines for rare and complex epilepsies –** 08:00 - 08:00

Challenges in development, dissemination, education, and training*Speaker:* Masa Malenica, HR*Speaker:* Eugen Trinkla, AT**A registry for rare and complex epilepsies and the challenges of data sharing**

08:00 - 08:00

Speaker: Lieven Lagae, BE**EU grants, epilepsy research and ERN EpiCARE**

08:00 - 08:00

Speaker: J Helen Cross, GB**ERN EpiCARE and patient advocacy groups**

08:00 - 08:00

Speaker: Isabella Brambilla, IT*Neuroimaging*

08:00 - 09:30

W

Teaching Session: VIREPA Paediatric EEG & VIREPA MRI

-

08:00 - 08:00

Speaker: Monika Eisermann, FR

-

08:00 - 08:00

Speaker: Stefan Rampp, DE*Adult Epileptology*

08:00 - 09:30

X

Teaching Session: Video session – adult

-

08:00 - 08:00

Speaker: Guido Rubboli, DK

-

08:00 - 08:00

Speaker: Matthew Walker, GB

-

08:00 - 08:00

Speaker: Laura Tassi, IT*Social Issues*

08:00 - 09:30

V

EEC Forum: Epilepsy and employment - limitations and solutions*Chair:* Markus Leitinger, AT**Epilepsy and employment: the many influencing factors and perspectives**

08:00 - 08:00

Speaker: Beata Majkowska-Zwolińska, PL**Epilepsy surgery and employment – social and psychological similarities?**

08:00 - 08:00

Speaker: Mirja Steinbrenner, DE**The stratification of workplaces and the information compartment model**

08:00 - 08:00

Speaker: Markus Leitinger, AT

-
08:00 - 18:00

Posters

Other

09:40 - 11:40

A

Get ready for the next decade: Advancing research, diagnosis and care for epilepsy in 2022-31: plan of global actions

Chair: J Helen Cross, GB

Chair: Francesca Sofia, IT

Chair: Wolfgang Grisold, AT

Intersectoral Global Action Plan on Epilepsy and other Neurological Disorders – WHO's perspective 09:40 - 09:40

Speaker: Tarun Dua, CH

The road to the Intersectoral Global Action Plan on Epilepsy and other Neurological Disorders: epilepsy as the entry point 09:40 - 09:40

Speaker: Alla Guekht, RU

IGAP as the response to the high and increasing burden of epilepsy: EAN perspective 09:40 - 09:40

Speaker: Paul Boon, BE

Way forward - what is important for Europe? 09:40 - 09:40

Speaker: Matthew Walker, GB

Panel discussion 09:40 - 09:40

Neurostimulation

09:40 - 11:40

B

Neurodegeneration and epilepsy

Chair: Eleonora Aronica, NL

Chair: Stephan Rüegg, CH

Neurodegenerative disorders and seizures – the epidemiological view 09:40 - 09:40

Speaker: Arjune Sen, GB

The ABT of neurodegeneration: alpha synuclein, beta amyloid, and tau protein and their role in epileptogenesis 09:40 - 09:40

Speaker: Katja Kobow, DE

Diagnosis – neuroimaging, CSF, EEG 09:40 - 09:40

Speaker: Giovanni Frisoni, IT

The birth of hyperexcitability in Alzheimer's Disease 09:40 - 09:40

Speaker: Jeffrey Noebels, US

Therapeutic challenges of treating patients with epilepsy and neurodegenerative 09:40 - 09:40

Speaker: Stephan Rüegg, CH

Paediatric Epileptology

10:00 - 11:30

C

EEC Forum: Evolution of trial designs to improve treatment availability for infants: a regulatory opportunity/challenge*Chair:* Stéphane Auvin, FR**Overview of previous ASM trials in infants** 10:00 - 10:00*Speaker:* Dennis Dlugos, US**History of extrapolation of efficacy of ASM from adults to pediatrics** 10:00 - 10:00*Speaker:* Jacqueline French, US**Epidemiology and clinical characteristics of infantile epilepsies** 10:00 - 10:00**Future designs for ASM trials in infants** 10:00 - 10:00*Speaker:* Stéphane Auvin, FR*Epilepsy Surgery*

10:00 - 11:30

W

EEC Forum: Minimally invasive epilepsy surgery*Chair:* Vicente Villanueva, ES**Laser interstitial thermotherapy (LiTT) in epilepsy surgery** 10:00 - 10:00*Speaker:* Rodrigo Rocamora, ES**SEEG-guided radiofrequency coagulation (SEEG-guided RF-TC)** 10:00 - 10:00*Speaker:* Edouard Hirsch, FR**Lesion guided radiofrequency thermocoagulation (L-RFTC)** 10:00 - 10:00*Speaker:* Tim Wehner, DE**When minimally invasive techniques are not indicated** 10:00 - 10:00*Speaker:* Mar Carreño, ES*Neuroimaging*

10:00 - 11:30

X

EEC Forum: From cell to biomarker – renaissance of EEG?*Chair:* Caroline Neuray, AT*Chair:* Christos Lisgaras, US**We did it! Demonstrating the path from cell to scalp** 10:00 - 10:00*Speaker:* Christos Lisgaras, US**But are we there yet? Current evidence for use of EEG-derived features as biomarkers** 10:00 - 10:00*Speaker:* Nicolas Roehri, CH**Stay calm! Limitations of EEG-use as biomarkers** 10:00 - 10:00*Speaker:* Julia Jacobs-LeVan, CA*Other*

11:40 - 12:40

ILAE YES

How to write the perfect abstract

How and when animal models are useful in epilepsy research 11:40 - 11:40

Neurostimulation

12:00 - 13:30

A

Deep brain stimulation in epilepsy: rationale, current research and future concepts

Chair: Lukas Imbach, CH

Chair: Aleksander Ristic, RS

Novel perspectives: pulvinar stimulation in epilepsy 12:00 - 12:15

Speaker: Fabrice Bartolomei, FR

Responders and non-responders: lessons from multimodal intra-operative neuro-monitoring in ANT-DBS 12:15 - 12:30

Speaker: Lukas Imbach, CH

State-of-the-art in anterior thalamic deep brain stimulation for epilepsy - findings from a European consensus meeting 12:30 - 12:45

Speaker: Elisabeth Kaufmann, DE

Location, location, location – effectiveness of ANT-DBS depends on lead location and current targeting 12:45 - 13:00

Speaker: Jukka Peltola, FI

Paediatric Epileptology

12:00 - 13:30

B

Is still seizure semiology useful for understanding the aetiology?

Chair: Ekaterina Patarai, AT

Chair: Nicola Specchio, IT

Seizure semiology during follow-up is equally useful to identify the etiology 12:00 - 12:15

Speaker: Stéphane Auvin, FR

Early differentiation of genetic epilepsies from acute provoked seizures in neonatal patients 12:15 - 12:30

Speaker: Roberta Cilio, BE

Might the seizure semiology suggest the functional effect of the genetic mutation? 12:30 - 12:45

Speaker: Elena Gardella, DK

Seizure semiology towards different genetic developmental and epileptic encephalopathies (SCN8A, SCN2A, KCNQ2) 12:45 - 13:00

Speaker: Marina Trivisano, IT

Psychiatry & Neuropsychology

12:00 - 13:30

C

Psychiatry & Neuropsychology

Chair: Andriy Dubenko, UA

Discrepancy between subjective and objective memory change after epilepsy surgery and relation with quality of life 12:00 - 12:12

Machine learning applications to differentiate comorbid 12:12 - 12:24

functional seizures and epilepsy from pure functional seizures*Speaker:* Ali Asadi-Pooya, IR**Ictal SPECT in psychogenic non epileptic seizures (PNES).
Identification of functional brain networks involved in PNES**

12:24 - 12:36

Speaker: Maria Centeno, ES**Temporal trend of increasingly later age at onset of mesial
temporal lobe epilepsies between 1997 and 2018 suggests
changing etiologies with distinct neuropsychological features**

12:36 - 12:48

Speaker: Christoph Helmstaedter, DE**Lesion extent impacts cognitive functioning in pediatric focal
epilepsy**

12:48 - 13:00

Speaker: Ilona Yakoub, CH**Seizure duration and postictal perfusion in a human seizure
model**

13:00 - 13:12

Speaker: Julia C. M. Pottkämper, NL*Adult Epileptology*

12:00 - 13:30

W

Stroke and epilepsy- new insights*Chair:* Sanaz Ahmadi Karvigh, IR*Chair:* Alla Guekht, RU**First stroke – first seizure: risk factors, clinical challenges,
treatment, and outcomes**

12:00 - 12:15

Speaker: Francesco Brigo, IT**Seizures imitating strokes imitating seizures**

12:15 - 12:30

Speaker: Johan Zelano, SE**Stroke and epilepsy: do age and gender play a role?**

12:30 - 12:45

Speaker: Alla Guekht, RU**Prevention of seizures in acute stroke: are we there yet ? where
do we stand ?**

12:45 - 13:00

Speaker: Eugen Trinkä, AT*Clinical Neurophysiology*

12:00 - 13:30

X

Seizure forecasting with non-invasive technologies: opportunities for clinical applications*Chair:* Philippa Karoly, AU*Chair:* Mark Richardson, GB**Tracking multiday cycles of seizure likelihood**

12:00 - 12:15

Speaker: Philippa Karoly, AU**Forecasting risk from seizure diaries**

12:15 - 12:30

Speaker: Sharon Chiang, US**Wearable sensors for seizure forecasting**

12:30 - 12:45

Speaker: Christian Meisel, DE

Outcomes from the 'my seizure gauge' project

12:45 - 13:00

Speaker: Benjamin Brinkman, US*Drug Therapy*

12:00 - 13:30

V

Opening to new therapeutic targets in epilepsy: sleep and orexin*Chair:* Claudio Liguori, IT*Chair:* Guido Rubboli, DK**Orexin system in epilepsy: a promising therapeutic target?**

12:00 - 12:15

Speaker: Kristina Simeone, US**Sleep and epilepsy in children: improving sleep and targeting circadian rhythms for seizure reduction**

12:15 - 12:30

Speaker: Sanjeev Kothare, US**Sleep and epilepsy in adults: sleep improvement for seizure reduction**

12:30 - 12:45

Speaker: Claudio Liguori, IT**The effect of COVID-19 on sleep and epilepsy**

12:45 - 13:00

Speaker: Manjari Tripathi, IN*Other*

13:30 - 14:30

B

Congress Highlights Session**Pharmacology Highlights**

13:30 - 13:40

Basic Science Highlights

13:40 - 13:50

Paediatric Epileptology' Highlights

13:50 - 14:00

Adult epileptology Highlights

14:00 - 14:10

Adult Epileptology

16:45 - 18:00

A

ASEPA WS**TEST PRESENTATION TWO**

16:45 - 16:45