



OVERVIEW

FACULTY & USEFUL CONTACTS	p.4
WELCOME	p.5
PROGRAM AT A GLANCE	p.6
PROGRAM	p.7-10
Sunday, May 26 th	p.7
Monday, May 27 th	p.8-9
Tuesday, May 28 th	p.10
POSTERS	p.11
EXHIBITION MAP	p.17
SPONSORS	p.18
GENERAL INFORMATION	p.19

INVITED FACULTY

ARZIMANOGLU Alexis (*France*)
 AUVIN Stéphane (*France*)
 BAHI-BUISSON Nadia (*France*)
 BARTOLOMEI Fabrice (*France*)
 BAULAC Stéphanie (*France*)
 BAXENDALE Sallie (*UK*)
 BIEN Christian (*Germany*)
 BLÜMCKE Ingmar (*Germany*)
 BRAUN Kees (*The Netherlands*)
 CHABARDES Stephan (*France*)
 CROSS Helen (*UK*)
 DE PALMA Luca (*Italy*)
 DEPAULIS Antoine (*France*)
 DIMOVA Petia (*Bulgaria*)
 DORFMÜLLER Georg (*France*)
 DUNCAN John (*UK*)
 FERNANDEZ-BACA VACA
 Guadalupe (*USA*)
 FRANCIONE Stefano (*Italy*)
 GAILLARD William (*USA*)
 GALANOPOULOU Aristeia (*USA*)
 GROSS Robert (*USA*)
 GUENOT Marc (*France*)
 HAMER Hajo (*Germany*)
 HEINRICH Christophe (*France*)
 HIRSCH Edouard (*France*)
 HOLTHAUSEN Hans (*Germany*)
 JACOBS Julia (*Germany*)
 JANSEN Floor (*The Netherlands*)
 JAYAKAR Prasanna (*USA*)
 KAHANE Philippe (*France*)
 KERRIGAN John (*USA*)
 KNAKE Susanne (*Germany*)
 KORFF Christian (*Switzerland*)
 KRSEK Pavel (*Hungary*)
 LAGAE Lieven (*Belgium*)
 LESCA Gaëtan (*France*)
 LHATOO Samden (*USA*)
 LÜDERS Hans (*USA*)
 MAI Roberto (*Italy*)
 MCGONIGAL Aileen (*France*)
 METSAHONKALA Eeva-Liisa (*Finland*)
 MINASSIAN Berge (*USA*)
 MINOTTI Lorella (*France*)
 MOAVERO Romina (*Italy*)
 NABBOU Rima (*France*)
 NORDLI Douglas (*USA*)
 OSTROWSKY-COSTE Karine (*France*)
 PERUCCA Emilio (*Italy*)
 RAMANTANI Georgia (*Switzerland*)
 RHEIMS Sylvain (*France*)
 RONA Sabine (*Germany*)
 ROSENOW Felix (*Germany*)
 RYDENHAG Bertyl (*Sweden*)
 RYVLIN Philippe (*Switzerland*)
 SAN ANTONIO Victoria (*Germany*)
 SPECCHIO Nicola (*Italy*)
 TASSI Laura (*Italy*)
 TISDALL Martin (*UK*)
 WECKHUYSEN Sarah (*Belgium*)

INTERNATIONAL SCIENTIFIC COMMITTEE

Alexis ARZIMANOGLU (*Lyon*)
 Helen CROSS (*London*)
 John DUNCAN (*London*)
 Hajo HAMER (*Erlangen*)
 Edouard HIRSCH (*Strasbourg*)
 Philippe KAHANE (*Grenoble*)
 Susanne KNAKE (*Marburg*)
 Sam LATHOO (*Cleveland*)
 Hans LUDERS (*Cleveland*)
 Lorella MINOTTI (*Grenoble*)
 Felix ROSENOW (*Marburg*)
 Philippe RYVLIN (*Lausanne*)

LOCAL ORGANISING COMMITTEE

Alexis ARZIMANOGLU
 Edouard HIRSCH
 Philippe KAHANE
 Philippe RYVLIN



USEFUL CONTACTS

COLLOQUIUM 2019 SECRETARIAT

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Dear Colleagues and Friends,

It is our great pleasure to welcome you to the 12th International Epilepsy Colloquium - "Treatment challenges in pediatric & adolescent epilepsies" held in Lyon (France) from May 26 to May 28, 2019.

These International Epilepsy Colloquia are a joint initiative from several major epilepsy centers: Cleveland's Case Western Reserve University and University Hospitals Case Medical Center (USA), the Grenoble University Hospital and Lyon University Hospital (France) and the Frankfurt Epilepsy Center (Germany). Recently, the Erlangen Epilepsy Center (Germany) and the UCL London epilepsy Center (UK) joined the initiative.

Since 2008, this consortium has successfully organized annual focused meetings, which addressed major topics in the field of clinical epileptology and epilepsy surgery, including:

- The Mesial Temporal Lobe Epilepsies (Marburg, June 2008);
- Pediatric Epilepsy Surgery (Lyon, May 2009);
- Extra-Temporal Lobe Epilepsies (Cleveland, May 2010);
- Epilepsy Surgery for Remote Symptomatic Epilepsies (Marburg, June 2011);
- Pediatric Epilepsy Surgery (Lyon, May 2012);
- Tumoral Epilepsy and Epilepsy Surgery (Cleveland, May 2013);
- Diagnostic and therapeutic use of invasive electrodes (Marburg, May 2014);
- Frontal Lobe Epilepsies: from childhood to adulthood (Grenoble, June 2015);
- Epilepsy in Acquired Etiologies (London, June 2016)
- The Surgical and Medical Management of Intractable Focal Epilepsy (Miami, June 2017)
- Individualized Epilepsy Management: medicines, surgery and beyond (Frankfurt, March 2018)

Several of these Colloquia resulted in books or special issues in international journals.

In continuity with the Lyon Colloquia tradition, issues related to children and adolescents with epilepsy will hold a prominent place in the 2019 edition of the International Epilepsy Colloquium. It will aim to intensively discuss state-of-the-art medical and surgical treatment. Challenges related to genetics and epilepsy surgery, as well as etiology and/or phenomenology oriented diagnosis and treatment decisions will be on the forefront. The closing sessions will address future treatment alternatives in children and discuss European and international initiatives and guidelines supporting pediatric epilepsy surgery.

As in our previous editions, a large amount of time will be devoted to discussion. Eminent international key opinion leaders have agreed to speak and to provide their expertise in the field. The submitted abstracts will be another source for additional challenging debates.

We are confident that you will enjoy the lectures and actively participate to the debates.

On behalf of the Local Scientific Committee,

Alexis Arzimanoglou
Edouard Hirsch
Philippe Kahane
Philippe Ryvlin



PROGRAM AT A GLANCE

All sessions will be held in the Auditorium Pasteur (Level +1)

SUNDAY May 26th

- 09.30 CURRENT CHALLENGES IN PAEDIATRIC EPILEPSY TREATMENT
- 13.00 Lunch and posters visit
- 14.30 AETIOLOGY DEPENDENT APPROACH OF EPILEPSY TREATMENT
(MRI positive case studies)
- 19.00 KEYNOTE LECTURE
- 20.00 Welcome buffet dinner onsite

MONDAY May 27th

- 08.30 GENETICS & EPILEPSY TREATMENT
- 11.15 TARGETED THERAPIES IN GENETIC EPILEPSIES
- 13.30 Lunch and posters visit
- 14.30 PHENOMENOLOGY DEPENDENT APPROACH OF EPILEPSY TREATMENT
(MRI-negative case studies)
- 18.30 DEBATE

TUESDAY May 28th

- 08.30 CURRENT & FUTURE ALTERNATIVES IN TREATMENT OF PAEDIATRIC EPILEPSIES – 1
- 11.15 CURRENT & FUTURE ALTERNATIVES IN TREATMENT OF PAEDIATRIC EPILEPSIES – 2
- 13.15 Light lunch and posters visit
- 14.00 EUROPEAN INITIATIVES SUPPORTING PEDIATRIC EPILEPSY SURGERY

- 08.00 Badge pick-up and registration
09.00 Opening of the 12th International Epilepsy Colloquium

CURRENT CHALLENGES IN PAEDIATRIC EPILEPSY TREATMENT

Panel: P. Krsek (Czech Republic); M. Tisdall (UK)

- 09.30 **Focal epilepsies in childhood : the time to act is now**
A. Arzimanoglou (France)
- 10.15 **Evidence-based success of epilepsy surgery in children**
B. Rydenhag (Sweden)
- 11.00 Coffee break and posters visit
- 11.30 **Cognition: balancing seizure outcome and neurodevelopmental challenges**
S. Baxendale (UK)
- 12.15 **Is drug sensitivity a contra-indication to early surgery**
L. Tassi (Italy)
- 13.00 Lunch and posters visit

AETIOLOGY DEPENDENT APPROACH OF EPILEPSY TREATMENT (MRI positive case studies)

Panel: M. Guenot (France); J. Jacobs (Germany)

- 14.30 **Tuberous sclerosis complex**
K. Ostrowsky-Coste (France)
- 15.00 **Long-term epilepsy associated tumors**
H. Holthausen (Germany)
- 15.30 **Polymicrogyria**
G. Ramantani (Switzerland)
- 16.00 **Limbic encephalitis**
V. San Antonio (Germany)
- 16.30 Coffee break and posters visit

Panel: G. Dorfmueller (France); J. Duncan (UK)

- 17.00 **Rasmussen encephalitis**
C. Bien (Germany)
- 17.30 **Hypothalamic hamartomas**
J. Kerrigan (USA)
- 18.00 **Sturge-Weber**
S. Rona (Germany)
- 18.30 **Cavernomas**
F. Rosenow (Germany)

19.00 KEYNOTE LECTURE

Which animal models are relevant to epilepsy surgery candidates
A. Galanopoulou (USA)

- 20.00 Welcome buffet dinner onsite

GENETICS & EPILEPSY TREATMENT

Panel: E. Hirsch (France); S. Baulac (France); N. Bahi-Buisson (France)

- 08.30 **Practical overview of genetics in childhood epilepsies (where are we standing)**
G. Lesca (France)
- 09.15 **How genetics could influence our surgical practices**
K. Braun (the Netherlands)
- 09.50 Coffee break and posters visit
- 10.20 **Linking neuropathology to genetics**
I. Blümcke (Germany)
- 11.00 **Genetic testing in focal cortical dysplasia unveils frequent brain somatic mutations**
S. Baulac (France)

TARGETED THERAPIES IN GENETIC EPILEPSIES

Panel: H. Cross (UK); C. Korff (Switzerland); N. Specchio (Italy)

- 11.15 **Tuberous sclerosis complex**
R. Moavero (Italy)
- 12.00 **Progressive Myoclonus epilepsies (including Lafora and CLN2)**
B. Minassian (USA)
- 12.45 **Ion channel targeted therapies**
S. Weckhuysen (Belgium)
- 13.30 Lunch and posters visit

PHENOMENOLOGY DEPENDENT APPROACH OF EPILEPSY TREATMENT
(MRI-negative case studies)

Panel: S. Francione (Italy); D. Nordli (USA)

- 14.30 **Epileptic spasms**
L. De Palma (Italy)
- 15.00 **Bilateral tonic asymmetric seizures**
G. Fernandez-Baca Vaca (USA)
- 15.30 **Hypermotor seizures**
A. McGonigal (France)
- 16.00 **Versive seizures**
R. Mai (Italy)
- 16.30 Coffee break and posters visit

PHENOMENOLOGY DEPENDENT APPROACH OF EPILEPSY TREATMENT

(MRI-negative case studies)

Panel: F. Bartolomei (France); S. Knake (Germany)

17.00 **Automotor seizures**

L. Minotti (France)

17.30 **Insulo-opercular semiology**

P. Dimova (Bulgaria)

18.00 **Hypomotor seizures**

E-L. Metsahonkala (Finland)

18.30 **DEBATE**

Chairs : S. Rheims (France); A. Arzimanoglou (France)

Operational classifications of focal seizures and epilepsies in children

H Lüders (USA) ; E. Hirsch (France)



CURRENT & FUTURE ALTERNATIVES IN TREATMENT OF PAEDIATRIC EPILEPSIES – 1

Panel: F. Jansen (The Netherlands), P. Jayakar (USA)

- 08.30 **Ketogenic diet**
S. Auvin (France)
- 09.00 **Cannabinoids**
H. Cross (UK)
- 09.30 **Fenfluramine**
L. Lagae (Belgium)
- 10.00 **Antiseizure drugs: lessons from the past and their future**
E. Perucca (Italy)
- 10.45 Coffee break and posters visit

CURRENT & FUTURE ALTERNATIVES IN TREATMENT OF PAEDIATRIC EPILEPSIES – 2

Panel: S. Chabardes (France); P. Ryvlin (Switzerland); S. Lhatoo (USA)

- 11.15 **Neurostimulation in epilepsy: some provocative thoughts**
P. Kahane (France)
- 11.45 **Synchrotron microbeam radiation therapy**
A. Depaulis (France)
- 12.15 **Optogenetic approaches for controlling seizure activity**
R. Gross (USA)
- 12.45 **Direct lineage reprogramming of glial cells into inhibitory neurons: A new avenue to reduce seizures**
C. Heinrich (France)
- 13.15 Light lunch and posters visit

EUROPEAN INITIATIVES SUPPORTING PEDIATRIC EPILEPSY SURGERY

Chairs : H. Lüders (USA) ; R. Nabbout (France)

- 14.00 **The U-TASK experience**
A. Arzimanoglou (France)
- 14.20 **The Human Brain Project**
P. Ryvlin (Switzerland)
- 14.40 **The European Reference Network EPICARE**
H. Cross (UK)
- 15.00 **The Stereo-EEG training course**
P. Kahane (France)

TRANSLATING INTERNATIONAL EXPERIENCE INTO GUIDELINES

- 15.20 **Determination of criteria for classification of pediatric epilepsy surgery centers (results from the Delphi Survey)**
B. Gaillard (USA) and the ILAE group
- 15.45 **Discussion on lessons from the above practices**
All speakers and chairs

P1	<p>A CHILD WITH REFRACTORY AUTOSOMAL DOMINANT NOCTURNAL FRONTAL LOBE EPILEPSY TREATED WITH TRANSDERMAL NICOTINE</p> <p>T. Hallböök (1), J. Aronsson (2), J. Nilsson (3)</p> <p>(1) Department of Pediatrics, Queen Silvia Children's Hospital, Gothenburg, Sweden Institute of Clinical Sciences, The Sahlgrenska Academy at the University of Gothenburg, Sweden, (2) Department of Pediatrics, Ryhov Hospital, Jönköping, Sweden, Sweden, (3) Institute of Neuroscience and Physiology, The Sahlgrenska Academy at the University of Gothenburg, Sweden</p>
P2	<p>CORRELATION OF HYDROCEPHALUS, SHUNT THERAPY, AND EPILEPSY IN INFANCY AND CHILDHOOD</p> <p>S. Schubert-Bast (1, 2), L. Berghaus (3), N. Filman (4), M. Kieslich (3), T. Freiman (5), A. Strzelczyk (6)</p> <p>(1) Department of Neuropediatrics, Goethe-University, Frankfurt am Main, Germany, Germany, (2) Epilepsy Center Frankfurt Rhine-Main and Department of Neurology, Goethe-University, Germany, Germany, (3) Department of Neuropediatrics, Germany, (4) Institute of Biostatistics and Mathematical Modeling, Department of Medicine, Goethe University, Germany, (5) Department of Neurosurgery, University Hospital, Goethe-University, Germany, (6) Epilepsy Center Frankfurt Rhine-Main, Germany</p>
P3	<p>REFRACTORY SPASMS OF FOCAL ONSET - A POTENTIALLY CURABLE DISEASE THAT SHOULD LEAD TO RAPID SURGICAL EVALUATION</p> <p>M. Chipaux, G. Dorfmueller, M. Fohlen, N. Dorison, E. Raffo, O. Delalande, S. Ferrand-Sorbets, D. Taussig</p> <p>Rothschild Foundation, France</p>
P4	<p>EPILEPTIC OPSOCLONUS DUE TO CORTICAL DYSPLASIA OF THE INFERIOR PARIETAL LOBULE IN A CHILD: AN OCULAR EEG STUDY</p> <p>J. Park (1), A. Shahid (1), J. Miller (2), G. Fernandez-Baca Vaca (2), H. Lüders (2)</p> <p>(1) UH Rainbow Babies & Children's/UH Cleveland Medical Center, United States, (2) UH Cleveland Medical Center, United States</p>
P5	<p>HEMISPHEROTOMY: A SINGLE-INSTITUTION EXPERIENCE WITH SPECIAL EMPHASIS ON OUTCOMES AND COMPLICATIONS</p> <p>M. Demin (1), Y. Kuszel (1), P. Vlasov (1), S. ayvazian (1), L. Shishkina (2), A. Kozlova (3), M. Korsakova (3), E. Shults (4), S. Buklina (5), I. Vologdina (5), V. Sorokin (6), A. Melikian (1)</p> <p>(1) N.N. Burdenko NSPCN pediatric department, Russian Federation, (2) N.N. Burdenko NSPCN pathomorphology department, Russian Federation, (3) N.N. Burdenko NSPCN neurophysiology department, Russian Federation, (4) N.N. Burdenko NSPCN neuroradiology department, Russian Federation, (5) N.N. Burdenko NSPCN neuropsychology department, Russian Federation, (6) N.N. Burdenko NSPCN anesthesiology department, Russian Federation</p>
P6	<p>EPILEPSY PATIENTS WITH TSC1 AND TSC2 GENE MUTATION :CLINICAL AND SCALP EEG FEATURE ANALYSIS</p> <p>W. Zhou</p> <p>China</p>
P7	<p>GENETICAL PECULARITIES OF THE EPILEPSY IN MULTIPLEX FAMILIES</p> <p>D. Catereniuc (1, 2, 3), S. Groppa (4)</p> <p>(1) PI Medical and Pharmaceutical State University « Nicolae Testemitanu », Moldova, Republic of, (2) PHI Emergency Institute of Medicine, Moldova, Republic of, (3) Laboratory of Neurobiology and Medical Genetics , Moldova, Republic of, (4) National Center of Epileptology, Moldova, Republic of</p>
P8	<p>LATE CORPUS CALLOSOTOMY IN PATIENTS WITH LENNOX-GASTAUT SYNDROME OF INFANCY ONSET</p> <p>M.D.C. Perez-Careta, F.J. Taveras-Almonte, M.A. Alonso-Vanegas, D. Crail-Meléndez, S. Reyes-Pérez, L.E. Hernández-Vanegas, A. Ruiz-Chow, I.E. Martínez-Juárez</p> <p>National Institute of Neurology and Neurosurgery, Mexico</p>
P9	<p>STEREO-EEG SEIZURE LOCALIZATION IN PATIENTS WITH NON-LESIONAL MRI AND UNILATERAL TEMPORAL LOBE HYPOMETABOLISM ON PET</p> <p>G. Perven, I. Podkorytova, R. Hays, K. Ding, M. Agostini, S. Alick, R. Das, H. Dave, M. Dieppa, J. Harvey, B. Lega, R. Zepeda</p> <p>UTSW Medical Center, United States</p>
P10	<p>SURGICAL TREATMENTS OF EPILEPSY INDUCED BY TUBEROUS SCLEROSIS COMPLEX</p> <p>J. Lin, W. Zhou, H. Wang</p> <p>Epilepsy center of Tsinghua university, Yuquan hospital, China</p>
P11	<p>SURGICAL OUTCOMES IN PATIENTS WITH EPILEPSY AFTER VIRAL ENCEPHALITIS: CONTRIBUTION OF SEEG STUDY</p> <p>W. Zhou</p> <p>Tsinghua, University Yuquan Hospital, China</p>
P12	<p>AN UNUSUAL GENETIC EPILEPSY SYNDROME</p> <p>K. Jeyaraj, S. Prasad, P. Sowmini, S. Velayudham, S. Subbiah</p> <p>India</p>

POSTERS

- P13** **BRAIN SOMATIC MUTATIONS IN GENES OF THE MTOR PATHWAY CAUSE EPILEPSY ASSOCIATED TO MALFORMATIONS OF CORTICAL DEVELOPMENT**
S. Baulac (1), S. Baldassari (1), T. Ribierre (1), S. Ferrand-Sorbets (2), G. Dorfmueller (2), M. Chipaux (2)
(1) ICM, France, (2) Fondation Rothschild, France
- P14** **POTASSIUM CITRATE SUPPLEMENTATION TO THE KETOGENIC DIET PREVENTS METABOLIC ACIDOSIS IN DRUG RESISTANT EPILEPSY: A HISTORICAL PROSPECTIVE CONTROLLED STUDY**
B. Bjurulf (1), P. Magnus (2), T. Hallböök (1), P. Strømme (3)
(1) Department of Pediatrics, University of Gothenburg, Sweden, (2) Norwegian Institute of Public Health, Norway, (3) Department of Clinical Neurosciences for Children, Oslo University Hospital, Ullevål, Norway
- P15** **ELECTRICAL STIMULATIONS OF THE HUMAN INSULA BASED ON BRAINNETOME ATLAS**
H. Wang (1), L. Wang (2), W. Zhou (1)
(1) Tsinghua University Yuquan hospital, China, (2) Institute of Psychology, China Academy of Sciences, China
- P16** **ELECTRICAL FEATURES AND SEIZURE OUTCOMES IN PATIENTS WITH FOCAL CORTICAL DYSPLASIA AND NON-DYSPLASTIC TISSUE: A SEEG STUDY**
G. Carfi Pavia (1), L. De Palma (1), L. Rhios (2), A. De Benedictis (1), N. Pietrafusa (1), M. Trivisano (1), I. Tondo (1), S. Cappelletti (1), C. Rossi-Espagnet (1), A. Napolitano (1), C.E. Marras (1), F. Vigevano (1), N. Specchio (1)
(1) Bambino Gesù Children's Hospital, Italy, (2) Clínica Las Condes, Chile
- P17** **PROPAGATION OF SEIZURES IN A CASE OF ORBITOFRONTAL CORTEX EPILEPSY STUDIED BY STEREO-EEG**
W. Zhou, S. Wang, J. Shi, H. Wang, J. Bai
China
- P18** **FENFLURAMINE REDUCES CONVULSIVE SEIZURE FREQUENCY IN DRAVET SYNDROME PATIENTS RECEIVING AN ANTI-EPILEPTIC DRUG TREATMENT REGIMEN CONTAINING STIRIPENTOL: A PHASE 3, RANDOMISED, PLACEBO-CONTROLLED CLINICAL TRIAL**
R. Nabbout (1), S. Auvin (2), S. Zuberi (3), N. Villeneuve (4), A. Gil-Nagel (5), R. Sánchez-Carpintero (6), U. Stephani (7), C. Chiron (8), G. Farfel (9), B. Galer (9), G. Morrison (9), A. Mistry (9)
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- P19** **WHAT DEFINES "CLINICAL MEANINGFUL CHANGES IN SEIZURE FREQUENCY"? ANALYSIS OF DATA FROM A PHASE 3 CLINICAL TRIAL OF ZX008 IN DRAVET SYNDROME**
L. Lagae (1), C. Helen (2), D. Gill (3), M. Wolff (4), A. Gil-Nagel (5), M. Nikanorova (6), A. Iyer (7), R. Guerrini (8), D. Battaglia (9), T. Polster (10), G. Farfel (11), B. Galer (11), A. Mistry (11)
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- P20** **FENFLURAMINE HCL PROVIDES LONG-TERM CLINICALLY MEANINGFUL REDUCTION IN SEIZURE FREQUENCY: RESULTS OF AN OPEN-LABEL EXTENSION STUDY**
L. Lagae (1), S. Zuberi (2), N. Villeneuve (3), T. Mayer (4), J. Jacobs Le-Van (5), R. Sánchez-Carpintero (6), S. Auvin (7), K. Riney (8), S. Philip (9), G. Farfel (10), B. Galer (10), G. Morrison (10), A. Gammaitoni (10), A. Mistry (10)
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P21 LONG-TERM CARDIOVASCULAR SAFETY OF FENFLURAMINE HCL IN THE TREATMENT OF DRAVET SYNDROME: INTERIM ANALYSIS OF AN OPEN-LABEL SAFETY EXTENSION STUDY

L. Lagae (1), R. Nabbout (2), M. Pringsheim (3), C. Beyler (4), G. Milani (5), J.P. Kaski (6), H. Cross (7), T. Polster (8), M. Nikanorova (9), K. Juul (10), F. Vigevano (11), M. Chinali (11), I.E. Scheffer (12), G. Farfel (13), B. Galer (13), G. Morrison

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P22 PERAMPANEL IN REAL-WORLD CLINICAL CARE OF PATIENTS WITH EPILEPSY: RETROSPECTIVE, PHASE IV STUDY 506

M. Malhotra (1), R.T. Wechsler (2), J. Wheless (3), M. Lancman (4), S. Aboumatar (5), A. Patten (6), B. Williams (7)

(1) Eisai Inc., United States, (2) Idaho Comprehensive Epilepsy Center, United States, (3) University of Tennessee, Le Bonheur Children's Hospital, United States, (4) Northeast Regional Epilepsy Group, United States, (5) Austin Epilepsy Care Center, United States, (6) Eisai Ltd., United Kingdom, (7) Formerly: Eisai Inc., United States

P23 STUDY 506 – A RETROSPECTIVE, PHASE IV STUDY OF PERAMPANEL IN REAL-WORLD CLINICAL CARE OF PATIENTS WITH EPILEPSY: ADOLESCENT SUBGROUP (AGED 12 TO <18 YEARS)

M. Malhotra (1), E. Segal (2), J. Wheless (3), K. Moretz (4), P. Penovich (5), A. Patten (6), B. Williams (7)

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P24 STUDY 506 – A RETROSPECTIVE, PHASE IV STUDY OF PERAMPANEL IN REAL-WORLD CLINICAL CARE OF PATIENTS WITH EPILEPSY: PAEDIATRIC SUBGROUP (AGED <12 YEARS)

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P25 INCIDENCE, ETIOLOGY AND CLINICAL CHARACTERISTICS OF EPILEPSY PRESENTING IN THE FIRST TWO YEARS OF LIFE. A SWEDISH POPULATION-BASED STUDY

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P26 POSTERIOR CORTEX EPILEPSY IN CHILDREN: ETIOLOGY, SEMIOTICS AND SURGERY

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P27 ICTAL INTRACRANIAL EEG FINDINGS IN A CHILD WITH TYPICAL LENNOX-GASTAUT SYNDROME SUCCESSFULLY TREATED BY SURGERY

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P28 SAFETY AND EFFICACY OF ADJUNCTIVE PERAMPANEL IN PAEDIATRIC PATIENTS (AGED 4 TO <12 YEARS) WITH PARTIAL-ONSET SEIZURES OR PRIMARY GENERALISED TONIC-CLONIC SEIZURES: FINAL RESULTS FROM THE 311 CORE STUDY

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POSTERS

P29 SAFETY AND EFFICACY OF ADJUNCTIVE PERAMPANEL IN YOUNGER (AGED 4 TO <7 YEARS) AND OLDER (7 TO <12 YEARS) PAEDIATRIC PATIENTS WITH PARTIAL-ONSET SEIZURES OR PRIMARY GENERALISED TONIC-CLONIC SEIZURES: FINAL RESULTS FROM THE 311 CORE STUDY
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P30 SURGERY THROWS NEW LIGHT ON A SCN 8A-RELATED EPILEPSY TREATMENT: A CASE REPORT
P. Suwanpakdee, T. Simasathien, S. Sakoolnamarka, B. Kiangkitiwan, C. Nabangchang
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P31 SEEG GUIDED RADIO FREQUENT THERMOCOAGULATION IN EPILEPSY DUE TO PERIVENTRICULAR HETEROTOPIAS: SINGLE CENTER EXPERIENCES
L. De Jong, A. Colon, G. Wagner, O. Schjns
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P32 THE CASE OF DRAVET SYNDROME WITH TRUNCATING MUTATION OF SCN1A
Z. Zhumadilova, N. Zhexembaeva
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P33 PREVALENCE OF EPILEPSY IN A JAPANESE ELDERLY POPULATION; THE HISAYAMA STUDY
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P34 IS INTRACRANIAL ELECTROENCEPHALOGRAPHY USEFUL FOR PLANNING RESECTIVE SURGERY IN INTRACTABLE EPILEPSY WITH ULEGYRIA?
Y. Takayama (1), N. Ikegaya (2), K. Iijima (1), Y. Kimura (1), N. Muraoka (1), Y. Kaneko (1), T. Yamamoto (2), M. Iwasaki (1)
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P35 THE BRAIN NETWORK RESEARCH OF STEREOELECTROENCEPHALOGRAPHY GUIDED RADIOFREQUENCY THERMOCOAGULATION (SEEG-GUIDED RFTC) FOR TREATMENT IN THE TEMPORAL LOBE EPILEPSY
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P36 INTERICTAL MAGNETOENCEPHALOGRAPHY IN PARIETAL LOBE EPILEPSY – COMPARISON OF EQUIVALENT CURRENT DIPOLE AND BEAMFORMER (SAMEPI) ANALYSIS
J. Wilenius (1, 2), E. Gaily (3), E. Kirveskari (1), L. Lauronen (1), L. Metsähonkala (3), R. Paetau (3)
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P37 ROSA REHEARSAL: USING 3D PRINTING TECHNOLOGY TO FACILITATE THE INTRODUCTION OF STEREOTACTIC ROBOTIC NEUROSURGICAL EQUIPMENT
S. Rodgers, D. Bonda, R. Pruitt, S. Schneider, M. Mittler, T. Goldstein
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P38 NEUROPATHOLOGICAL AND GENETIC ALTERATIONS IN HEMIMEGALENCEPHALY AND POLYMICROGYRIA
M. Feucht (1), T. Scholl (2), V. Gruber (2), R. Lehner (1), S. Samueli (2), G. Ricken (3), G. Gröppel (2), C. Dorfer (4), T. Czech (4), J. Hainfellner (3), J. Anink (5), R. Reinten (5), L. Hoogendijk (5), E. Aronica (5), A. Mühlebner (5), F. Laccone (1)
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P39 EARLY RECOVERY OF INTERHEMISPHERIC FUNCTIONAL CONNECTIVITY OF CORPUS CALLOSOTOMY
L. Cheng-Chia Lee (1), H. Sheng-Che (2), P. Syu-Jyun (3), C. Chien-Chen (1), C. Hsin-Hung (1), C. Chien (1), Y. Hsiang-Yu (1)
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P40 COMMON MRI AND GENETIC FACTORS TO PREDICT LENNOX-GASTAUT SYNDROME
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POSTERS

- P41** **SUBCORTICAL BAND HETEROPTOPIA BY DCX GEN MUTATION: ONE MALE AND ONE FEMALE**
G. Aznar-Lain (1), A. Díaz-Gómez (1), S. González-Ortiz (2), E. Prado-Duran (3), L.A. Pérez-Jurado (4), R. Rocamora-Zuñiga (5)
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- P42** **THE NEOCORTICAL NEURAL CORRELATES OF ELECTRICALLY EVOKED CORTICAL POTENTIALS IN HUMANS**
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- P43** **THE EFFECT OF DIFFERENT COLORS AND WHITE LIGHT ON BIOELECTRICAL BRAIN ACTIVITY IN ADULTS WITH PHOTSENSITIVE GENERALIZED EPILEPSY**
R. Mameniskiene, I. Alisauskaitė, A. Vitkuvienė
Vilnius University Faculty of Medicine, Lithuania
- P44** **PEDIATRIC EPILEPSY SURGERY IN ROLANDIC FOCAL CORTICAL DYSPLASIA TYPE 2**
M.A. Perez-Jimenez (1), M. Budke Neukamp (2), C. Fournier Del Castillo (3), M. García-Fernandez (1), J. Boan Garcia (4), J. Alvarez-Linera (4)
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- P45** **A PHASE 1B/2A STUDY OF TAK-935 (OV935) AS ADJUNCTIVE THERAPY IN PATIENTS WITH DEVELOPMENTAL AND EPILEPTIC ENCEPHALOPATHIES (DEE)**
J. Halford (1), M. Sperling (2), D. Arkilo (3), M. Asgharnejad (3), A. Paker (4), R. Xu (5), M. Doring (4), J. French (6)
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- P46** **VALPROATE USE AMONG FEMALE PATIENTS IN LITHUANIA: A TIME-SERIES ANALYSIS**
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- P47** **SEEG EVIDENCE OF SUBCORTICAL STRUCTURES PARTICIPATION TO SEIZURE DEVELOPING IN FOCAL EPILEPSY**
F. Pizzo (1, 2), N. Roehri (2), S. Lagarde (1), R. Carron (2), B. Giusiano (2), C. Filippescu (2), I. Lambert (1), F. Bonini (1), C. Bénar (2), F. Bartolomei (1)
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- P48** **NEUROIMAGING FINDINGS AS BIOMARKERS OF EPILEPSY RISK AND NEURODEVELOPMENT AT TWO YEARS IN PATIENTS WITH TUBEROUS SCLEROSIS COMPLEX (TSC)**
F. Jansen (1), H. Hulshof (1), H. Kujf (2), S. Jozwiak (3), K. Kotulska (3), P. Curatolo (4), A. Benvenuto (4), B. Weschke (5), K. Riney (6), P. Krsek (7), M. Feucht (8), R. Nabbout (9), L. Lagae (10), J. Ridder (10), A. Jansen (11), E. Aronica (12), D. Kwiatkowski (13), W. Otte (14), K. Braun (1)
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- P49** **VISUAL FIELD DEFICITS AFTER TEMPORAL LOBE SURGERY IN EPILEPSY PATIENTS: COMPARISON OF ANTEROTEMPORAL AND SUBTEMPORAL APPROACH**
T. Freiman, A. Spyriantis, A. Strzelczyk, F. Rosenow, S. Schubert-Bast, V. Seifert
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POSTERS

- P50** **EPILEPTIC SPASMS – CLINICAL AND NEUROPHYSIOLOGIC PROFILE**
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- P51** **GIANT HYPOTHALAMIC HAMARTOMA AND EPILEPTIC ENCEPHALOPATHY APPROACH**
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- P52** **EFFICACY OF PERAMPANEL IN ELECTRICAL STATUS EPILEPTICUS IN SLEEP IN CHILDREN**
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- P53** **EDUCATIONAL PROJECT DEDICATED TO SCHOOLTEACHERS FOR THE CORRECT MANAGEMENT OF EPILEPTIC SEIZURES IN SCHOOL-AGE CHILDREN**
C. Calabrese, T. Renzetti, I. Pannacci, R. Rainò, A. Giuffrida, N. Specchio, F. Vigevano
Bambino Gesù Children's Hospital, Italy
- P54** **FOCUSED ULTRASOUND TREATMENT FOR MEDICALLY INTRACTABLE EPILEPSY**
T. Hori
Tokyo Neurological Center Hospital, Japan
- P55** **ICTAL MIOSIS – A RARE SYMPTOMATOLOGY OF SIMPLE FOCAL AUTONOMIC SEIZURES**
M. Zawadzka, M. Szmuda, M. Mazurkiewicz-Beldzinska
Medical University of Gdansk, Poland
- P56** **MULTIPLE RADIOFREQUENCY THERMOCOAGULATION (RF-TC) FOR POLYMICROGYRIAWITH STARTLE SEIZURE: CASE REPORT**
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