

# CONGRESS PROGRAMME

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

BARCELONA, SPAIN 2<sup>ND</sup> - 6<sup>TH</sup> SEPTEMBER 2017

[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org)



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# GENERAL INFORMATION

## ACKNOWLEDGEMENTS

The Scientific and Organising Committee would like to thank the following people for their contribution towards the congress programme.

### **Educational Programme Committee**

#### **Coordinator**

Walter Van Emde Boas (Netherlands)

#### **Members**

Alla Guekht (Russia)

Çigdem Ozkara (Turkey)

Marco De Curtis (Italy)

Sándor Beniczky (Denmark)

### **Abstract Review Committee**

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Alexis Arzimanoglou (France)

Ali Asadi-Pooya (Iran)

Stéphane Auvin (France)

Chrisophe Bernard (France)

Hari Bhathal (Spain)

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Gretchen Birbeck (Zambia)

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Sheryl Haut (USA)

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David Henshall (Ireland)  
Shinichi Hirose (Japan)  
John Jacob (United Kingdom)  
Satish Jain (India)  
Nathalie Jette (Canada)  
Reetta Kälviäinen (Finland)  
Ken Kaufman (USA)  
Gregory Krauss (USA)  
Lieven Lagae (Belgium)  
Frans Leijten (Netherlands)  
Holger Lerche (Germany)  
Petr Marusic (Czech Republic)  
Liset Menendez de la Prida (Spain)  
Marco Mula (United Kingdom)  
Rima Nabbout (France)  
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Markus Reuber (United Kingdom)  
Felix Rosenow (Germany)  
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Rainer Surges (Germany)  
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Pierangelo Veggiotti (Italy)  
Annamaria Vezzani (Italy)  
Federico Vigevano (Italy)  
Vicente Villanueva (Spain)  
Matthew Walker (United Kingdom)  
Jo Wilmshurst (South Africa)  
Maeike Zijlmans (Netherlands)  
Sameer Zuberi (United Kingdom)

## **Bursary Selection Committee**

Athanasios Covanis (Greece)  
Emilio Perucca (Italy)

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# GENERAL INFORMATION

## COMMITTEES

### Scientific and Organising Committee

#### Co-Chairs

Emilio Perucca (Italy)

Athanasios Covanis (Greece)

Antonio Russi (Spain)

#### Members

Liset Menendez de la Prida (Spain)

Sari Tervonen (Finland)

Shinichi Hirose (Japan)

Rima Nabbout (France)

Philippe Ryvlin (Switzerland)

Rafal Nowak (Spain)

Sheryl Haut (USA)

### Educational Programme Committee

#### Coordinators

Walter Van Emde Boas (Netherlands)

Alla Guekht (Russia)

Çigdem Ozkara (Turkey)

Marco De Curtis (Italy)

Sándor Beniczky (Denmark)

#### Ex Officio members

Athanasios Covanis (Greece)

Emilio Perucca (Italy)

Sam Wiebe (Canada)

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## WELCOME MESSAGE FROM THE ORGANISING COMMITTEE

Dear Friends and Colleagues,

On behalf of the Organising Committee, it is our pleasure to welcome you to the 32<sup>nd</sup> International Epilepsy Congress (IEC) in Barcelona, September 2<sup>nd</sup> – 6<sup>th</sup>, 2017. This congress is organised jointly by the International League Against Epilepsy (ILAE) and the International Bureau for Epilepsy (IBE).

The International Epilepsy Congress is a major biennial event and a recognised landmark in the calendar of epilepsy specialists worldwide. The congress, which is held in the prestigious Palau de Congressos de Catalunya, gives delegates from all over the world the chance to come together with fellow researchers, clinicians and health care practitioners. The scientific programme is highly engaging, with a wide range of main and parallel sessions, as well as teaching sessions, debates, multidisciplinary conferences and video sessions.

Barcelona is one of the top cities in Europe and the world in terms of hosting international conferences. Visiting the different corners of Barcelona is an authentic journey through time – over 2000 years of history, with Roman ruins, Gothic treasures and surprises from the Renaissance age. The creative flair of Picasso, Miró, Dalí, Gaudí and Tàpies is very much part of the city today and this is reflected in the buildings, exhibitions, and the design and art that are found in the most unexpected places. The city's character is truly Mediterranean, with a cosmopolitan and dynamic spirit and we hope you get to enjoy some of what the city has to offer while you are here.

We look forward to meeting you all in this wonderful city.

With warm regards,

Emilio Perucca, Athanasios Covanis & Antonio Russi

**Co-chairs of the 32<sup>nd</sup> IEC Scientific and Organising Committee**

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# GENERAL INFORMATION

## WELCOME MESSAGE FROM BARCELONA CONVENTION BUREAU

Dear attendees,

It is a great pleasure for the City of Barcelona and the Barcelona Convention Bureau to welcome the 32<sup>nd</sup> International Epilepsy Congress and its delegates.

Barcelona has become one of the most attractive and trendy destinations in Europe both for professional, travel and leisure and has a long tradition in hosting international meetings.

My team and I wish you a successful congress and we do hope that you will find time to enjoy our wonderful city, its culture and gastronomy.

Mr. Christoph Tessmar

Director

Barcelona Convention Bureau



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## CONGRESS INFORMATION

### FACILITIES TIMETABLE OVERVIEW

	Saturday	Sunday	Monday	Tuesday	Wednesday
Registration	09:00-19:15	07:30-18:30	07:30-18:30	07:30-18:30	07:30-12:30
Coffee break	-	11:30-12:00	11:30-12:00	11:30-12:00	11:30-12:00
Lunch	-	13:30-15:00	13:30-15:00	13:30-15:00	-
Posters	-	10:30-17:30	10:30-17:30	10:30-17:30	-
Poster Tours	-	14:00-15:00	14:00-15:00	14:00-15:00	-
Exhibition	-	09:00-16:30	09:00-16:30	09:00-16:30	-
Cloakroom	13:00-20:15	09:00-18:30	09:00-18:30	09:00-18:30	07:30-12:30
Speakers' Room	12:00-19:00	07:30-18:30	07:30-18:30	07:30-18:30	07:30-11:30

### CERTIFICATES OF ATTENDANCE

Certificates of Attendance may be collected from the Registration Area from Monday 4<sup>th</sup> September onwards during registration opening hours.

### CLOAKROOM

The cloakroom is located on Level -1 of the congress centre. The cloakroom is free of charge for congress participants. Opening times can be found in the Facilities Timetable Overview.

[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org)

# GENERAL INFORMATION

## **CME ACCREDITATION**

The 32<sup>nd</sup> International Epilepsy Congress is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The 32<sup>nd</sup> International Epilepsy Congress is designated for a maximum of 24 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme).

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

## **CONGRESS APP**

A free congress app “IEC 2017” is available for Apple, Windows and Android devices.

A session planner can be downloaded from the app, which will provide access to all scientific sessions information such as date, times and content. This planner will also assist delegates with the planning of their schedules.

## **COFFEE BREAKS**

Morning Coffee Breaks will be served Sunday to Wednesday in the Exhibition Area, on the Level 0 of the convention centre. Lunches will also be served Sunday to Tuesday in the Exhibition Area.



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## CONGRESS BAGS

Congress bags may be collected from the Registration Area located on the Level 0 of the congress centre.

## CONGRESS SECRETARIAT

Members of the Congress Secretariat may be contacted at any time at the Registration Area. For queries arising after the congress, please contact:

Tel: +353 1 2056720 | Email: [barcelona@epilepsycongress.org](mailto:barcelona@epilepsycongress.org)

## EXHIBITION AREA

The Exhibition Area is situated on the Level 0 of the Palau de Congressos de Catalunya. Exhibition opening times are listed in the Facilities Timetable Overview.



## IBE GENERAL ASSEMBLY

The IBE General Assembly will take place on Tuesday 6<sup>th</sup> September from 15:30 to 18:30 in Room E3/E4/E5 on Level -1.

The IBE General Assembly is open to IBE Chapter representatives only and all representatives are invited to attend. Some refreshments will be provided.

## ILAE GENERAL ASSEMBLY & CHAPTER CONVENTION

The ILAE General Assembly will take place on Tuesday 6<sup>th</sup> September from 16:30 to 17:30 in Room F on Level - 1. The ILAE General Assembly is open to ILAE Chapter representatives only and all representatives are invited to attend.

The ILAE Chapter Convention will take place on Saturday 2<sup>nd</sup> September from 10:00 to 13:00 on Level -1. The ILAE Chapter Convention is open to invited representatives only.

## INTERNET CENTRE

The Internet Centre is situated on Level -1 of the congress centre.

[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org)

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# GENERAL INFORMATION

## LANGUAGE

The official language of the congress is English; please note that translation facilities are not provided.

## LIABILITY AND INSURANCE

The International League Against Epilepsy (ILAE) and the International Bureau for Epilepsy (IBE) and their agents do not accept any liability whatsoever for death, personal injury, accidents, theft, loss or damage to persons, property or belongings of participants or accompanying persons, either before, during or following the congress, tours or their stay in Barcelona. It is therefore recommended that participants arrange their own personal health, accident and travel insurance.

## POSTERS

Posters are exhibited in the Poster Area located on Level -1 of the congress centre. Posters are on display from 10:30 to 17:30, Sunday to Tuesday, with different posters presented each day. Poster presenters are required to set up their posters between 09:30 and 10:30 each morning. Posters must be removed each evening between 17:30 and 18:30.

## REGISTRATION

The Registration Area is located on the Level 0 of the congress centre. Please note that name badges must be worn at all times.

## SPEAKERS' ROOM

The Speakers' Room is located on Level -1 of the main congress building. Opening times are listed on the Facilities Timetable Overview. Facilities to review and amend presentations are available to all speakers and technical assistance will also be provided in this room.

Please note that all speakers should submit their final PowerPoint presentation(s) to the Speakers' Room no less than 3 hours in advance of their session. Speakers at early morning sessions are required to submit their material no later than 17:00 on the evening before their session is scheduled.



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## **WELCOME CEREMONY AND RECEPTION**

All delegates are invited to attend the Welcome Ceremony which takes place from 19.00 to 20.00 on Saturday 2<sup>nd</sup> September in the Congress Hall. The ceremony will open with welcomes from ILAE and IBE representatives as well as the congress committee. This will be followed by the Awards Ceremony, which will consist of the presentations of the Ambassador for Epilepsy Awards, the Social Accomplishment Award and the Lifetime Achievement Award. The three following awards will also be acknowledged during the ceremony, and their presentations will take place during the Award Symposium each day, Saturday to Tuesday: Michael Prize, The Epilepsia Clinical Science Prize, The Epilepsia Basic Science Prize and the Epileptic Disorder Award.

All delegates are invited to join a Welcome Reception which will be held on the grounds in the Garden Restaurant.

## **WHEELCHAIR ACCESS**

The congress centre is wheelchair accessible and assistance will be provided onsite to any wheelchair user.

## **WIFI**

Free WIFI is available in the venue for the duration of the congress to registered delegates.

Network name: epilepsycongress2017

Password: 32iec2017

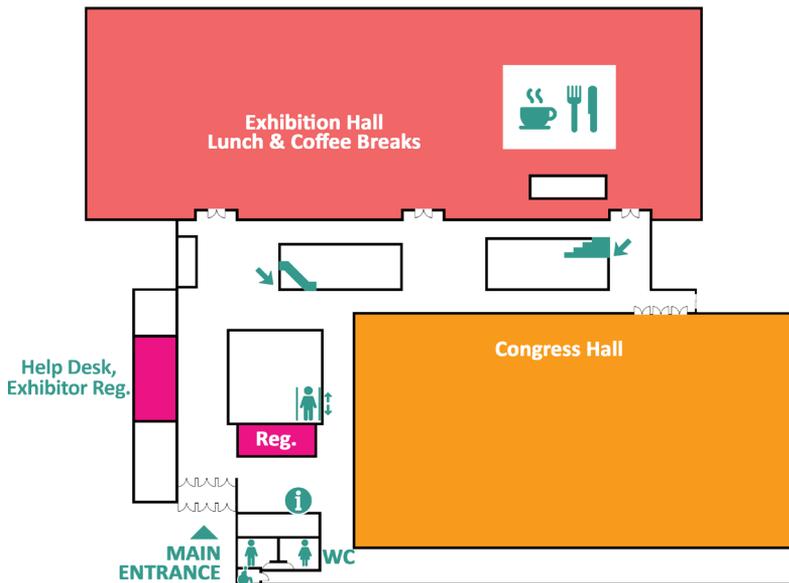
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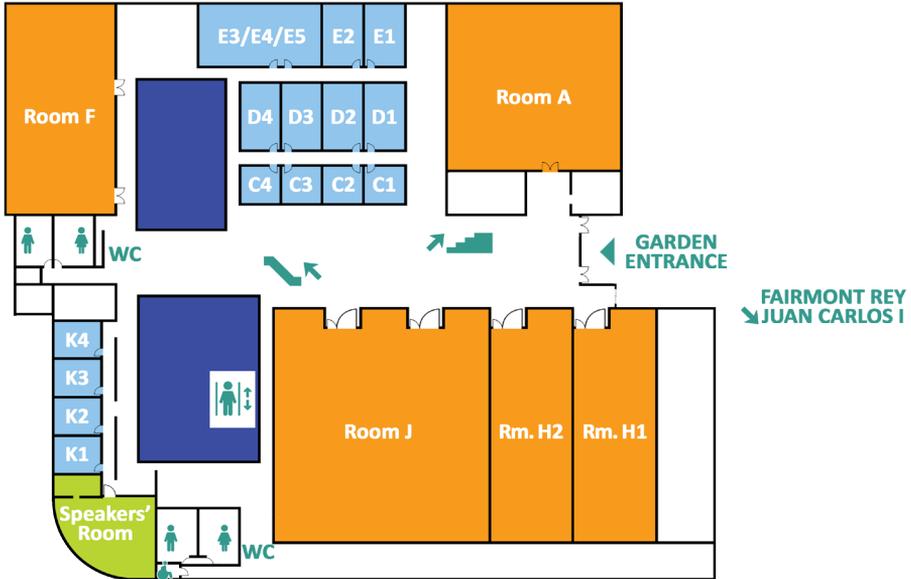
# GENERAL INFORMATION

## CONGRESS CENTRE LAYOUT

### LEVEL 0



## LEVEL -1



# GENERAL INFORMATION

## BARCELONA TRANSPORT INFORMATION

Barcelona is a large city, but the modern and extensive public transport system allows you to get anywhere within the city in no time. Metro, buses and trams run very frequently until late at night. In addition to this, there are several cable cars, funiculars, railways, taxis, local trains, night buses and other transport systems.

### **Getting to Barcelona city from the airport:**

- Metro: L9 Sud
- Express bus: Aerobus
- Conventional bus: number 46
- Night buses: Nit Bus

### **Getting around Barcelona:**

Barcelona and its metropolitan area have a wide range of public transport options.

Metro, tram and bus are the quickest, simplest and most convenient way of getting around Barcelona.



# GENERAL INFORMATION

## AWARDS

### Congress Awards

The IBE/ILAE congress awards are presented biennially at the time of the International Epilepsy Congress, to honour individuals who have made significant contributions, over a long period of time and at international level, in the field of epilepsy. There are three categories: Ambassador for Epilepsy – presented to a maximum of 13 recipients; Social Accomplishment, presented to one individual; and the highest honour, Lifetime Achievement Award which, as its name implies, recognises a lifetime of achievement of an individual.

### Lifetime Achievement Award

This is the highest award bestowed by IBE/ILAE and is given to an individual to recognise his or her exceptional and outstanding personal contribution over a long period of time to activities to advance the cause of epilepsy.

#### Presented to: **Charlotte Dravet (France)**

Although especially known for the epilepsy syndrome that bears her name, Prof Dravet made impressive contributions to our understanding of the clinical and electrophysiological correlates of epilepsy syndromes of childhood. Her textbook *Epileptic Syndromes in Infancy, Childhood and Adolescence*, which she co-edited, has been updated many times over two decades and represents, to this day, a reference book for both students and epileptologists alike. She has mentored many trainees who have later become leading epileptologists, particularly in Europe and Latin America.

In addition to her clinical expertise and research achievements, Prof Dravet is known worldwide for her humble attitude, tireless work and dedication to the epilepsy mission, including her support to the many lay associations, some made up of families of children with Dravet syndrome, which advocate for better care for children with epilepsy. She has produced many publications for the lay community, particularly parents of children with epilepsy, to help them cope with aspects of the disease.

### Social Accomplishment Award

Every two years, one person who has carried out outstanding activities aimed at improving the social circumstances of people with epilepsy, over a long period of time, is recognised.

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## Presented to: Susan Axelrod (USA)

In 1998, Axelrod and two other mothers, frustrated with their inability to protect their children from the devastation of seizures and side effects of medications, spearheaded the search for a cure for epilepsy. Axelrod launched a nonprofit organization that has established a national and international presence in epilepsy awareness and research.

Under Axelrod's leadership, CURE has led a dramatic shift in the epilepsy research community from simply treating seizures to enhancing understanding of underlying mechanisms and causes, so that cures and preventative strategies can be found. CURE's research program is cutting-edge, dynamic and responsive to new scientific opportunities and directions through both investigator-initiated grants and unprecedented scientific programs and initiatives and the exploration of new areas in the quest to find answers. CURE has also funded landmark conferences, including the 2000 National Institutes of Health (NIH) Conference, Curing Epilepsy: Focus on the Future.

## Ambassador for Epilepsy Award

The Ambassador for Epilepsy Award is the oldest IBE/ILAE award, having been introduced in 1968. To date, a total of 312 worthy recipients have received an Ambassador pin to reflect international peer recognition and which is given for the lifetime of the recipient. Thirteen Ambassadors will be presented with their awards in Barcelona.

**Michel Baulac** (France)

**Giuseppe Capovilla** (Italy)

**Nathalie Jetté** (Canada)

**Jaideep Kapur** (USA)

**Astrid Nehlig** (France)

**Terence O'Brien** (Australia)

**Makiko Osawa** (Japan)

**Galo Pesantez Cuesta** (Ecuador)

**Parthasarthy Satishchandra** (India)

**Ivan Rektor** (Czech Republic)

**Eugen Trink** (Austria)

**Samuel Wiebe** (Canada)

**Sameer Zuberi** (United Kingdom)

## Presentation of Awards

The Ambassador for Epilepsy Awards, together with the Social Accomplishment and Lifetime Achievement Awards will be presented to these most deserving recipients during the Welcome Ceremony of the congress in Barcelona on Saturday 2<sup>nd</sup> September 2017.

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# GENERAL INFORMATION

## AWARDS

### **Epilepsia Clinical Science Prize**

The Epilepsia Clinical Science Prize is awarded to the first author of an original research article published in *Epilepsia* during the period from 1<sup>st</sup> January to 31<sup>st</sup> December in any one calendar year which, in the opinion of the Awards Committee, has contributed to the most significant advancement of knowledge and understanding in clinical science in the field of epilepsy.

#### **Recipient: Sarah Weckhuysen (Belgium)**

The Award will be acknowledged during the Welcome Ceremony on Saturday 2<sup>nd</sup> September, and the winning paper will be presented during the Awards Symposium on Sunday 3<sup>rd</sup> September from 15:00 to 15:30 in Room F.

### **Epilepsia Basic Science Prize**

The Epilepsia Basic Science Prize is awarded to the first author of an original research article published in *Epilepsia* during the period from 1<sup>st</sup> January to 31<sup>st</sup> December in any one calendar year which, in the opinion of the Awards Committee, has contributed to the most significant advancement of knowledge and understanding in basic science in the field of epilepsy.

#### **Recipient: Tiwalade Sobayo (USA)**

The Award will be acknowledged during the Welcome Ceremony on Saturday 2<sup>nd</sup> September, and the winning paper will be presented during the Awards Symposium on Monday 4<sup>th</sup> September from 15:00 to 15:30 in Room F.

### **Epileptic Disorders Educational Prize**

The Epileptic Disorders Educational Prize is awarded to the first author of a contribution published in *Epileptic Disorders* during the period from 1<sup>st</sup> January to 31<sup>st</sup> December in any one calendar year, which in the opinion of the Awards Committee has made the most significant contribution to the educational mission of *Epileptic Disorders*. Papers are nominated by the Associate Editors and members of the Editorial Board, and the final selection is made by the Editor in Chief along with the ILAE President.

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### **Recipient: Hiroko Ikeda (Japan)**

The Award will be acknowledged during the Welcome Ceremony on Saturday 2<sup>nd</sup> September, and the winning paper will be presented during the Awards Symposium on Tuesday 5<sup>th</sup> September from 15:00 to 15:30 in Room F.

### **Michael Prize**

Presented biennially, this prize was originally set up in 1963 to stimulate epilepsy research among young scientists in Germany. It is now one of the most highly regarded international awards for the best contribution to scientific and clinical research which promote further development in epileptology.

### **Recipient: Boris Christian Bernhardt (Canada)**

The Award will be acknowledged during the Welcome Ceremony on Saturday 2<sup>nd</sup> September and the winning paper will be presented during the Awards Symposium on Saturday 2<sup>nd</sup> September, from 14:30 to 15:00 in Room H1.

### **Harinarayan Young Neuroscientist Award**

The Harinarayan Young Neuroscientist Award is designed to encourage and reward young (under 35 years of age) basic science investigators committed to epilepsy research. This new award, issued in 2017, is endowed by the ILAE Neurobiology Commission and is generously supported by a donation from the Harinarayan Family.

More information in relation to the Harinarayan Young Neuroscientist Award will be available during the congress. Awardees will be acknowledged during the Welcome Ceremony on the 2<sup>nd</sup> September, 19:00-20:00. Awardees will be presented during the Neurobiology Symposium which will take place on Sunday 3<sup>rd</sup> September, 12:00-14:00 in Room J.

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# SCIENTIFIC PROGRAMME INFORMATION

## SCIENTIFIC PROGRAMME DETAILS

### **Presidential Symposium**

The high profile symposium has been meticulously constructed by the Presidents of ILAE and IBE. This session will cover the classification of seizures and epilepsy.

### **Main and Parallel Sessions**

Some of the topics of the Main and Parallel Sessions originated/were selected from the numerous proposals submitted by ILAE Chapters and Commissions and IBE Regional Committees. Main sessions feature topics such as novel technologies, stress as a key factor in epilepsy and co-morbidities, precision medicine, epileptic encephalopathies and understanding the nature of seizures.

The Parallel Sessions ensure a comprehensive selection of dynamic topics delivered by experts from world leading epilepsy institutions.

### **Debates**

The debate sessions will present, in a lively and stimulating format, opposing views about controversial topics.

### **Video Sessions**

There will be three video sessions in the main programme focussing on the practical implementation of the new ILAE classification and the EpilepsyDiagnosis.Org diagnostic website.

### **Ask the Experts**

A new addition to the scientific programme is the 'Ask the Experts' sessions. These will take place over three days and cover the following topics; Classification, Women's' Issues and Managing difficult cases of epilepsy in childhood.

### **WONOEK Highlights**

The WONOEK workshop, which traditionally takes place in the days before the International Epilepsy Congress, is a unique opportunity for basic scientists



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and clinicians to get together and appraise the latest developments in translational science. A special session at the beginning of the congress will provide delegates with highlights of the most significant points emerged during the 2017 WONOEP.

### **Teaching Programme**

The extensive teaching programme will offer three to six daily early morning interactive sessions covering many practical aspects of epilepsy diagnosis and management.

Five ILAE/VIREPA sessions will be devoted to EEG (basic, advanced and paediatric) and to current web-based ILAE educational activities.

Case-oriented sessions will discuss practical issues of psychiatric and non-psychiatric comorbidities, epileptic encephalopathies, adult and paediatric epilepsy surgery, genetic and/or autoimmune aspects, the role of diets in epilepsy and the diagnosis and management of epilepsy in resource-limited settings.



Two special sessions will deal with epilepsy and the internet and with the dos and don'ts of participation in drug studies



Video sessions will cover neonatal and paediatric seizures and semiology and the differential diagnosis of epileptic seizures, sleep disorders and motor disorders. A special session will deal with the testing of patients during seizures.

### **EEG Technicians Course**

There will be two practical sessions, aimed specially at EEG technicians, focussing on optimising recording techniques for standard EEG, special studies and long term EEG and Video-monitoring in epilepsy.

### **Congress highlights**

Another popular session of the 31<sup>st</sup> International Epilepsy Congress was the 'Highlights' session. As a result this concluding session will be included in Barcelona to provide delegates with an overview of the most important, original and interesting findings, presented throughout the congress programme.

[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org)

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# SCIENTIFIC PROGRAMME INFORMATION

## ABSTRACTS

The Scientific and Organising Committee would like to thank all of those who submitted an abstract for review for the 32<sup>nd</sup> International Epilepsy Congress. Almost 1,200 abstracts were received in 20 categories.

Abstracts may be viewed online on the congress website:  
[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org).

The Scientific and Organising Committee would also like to thank those who participated in the abstract review process.

## Platform Sessions

92 abstracts were selected for platform presentation in 19 sessions.

## Posters

Posters are on display from 10:30 to 17:30, with different posters presented each day (Sunday to Tuesday). See page 104 for full details about posters.

## Poster Tours

Guided poster tours, led by a prestigious roster of experts in the field, will take place during the congress. See page 99 for full details about poster tours.

## BURSARIES

In order to encourage young investigators to participate in the 32<sup>nd</sup> IEC, a total of 104 bursaries were awarded by ILAE and IBE to assist with registration and/or travel and/or accommodation. 77 bursaries were awarded by the ILAE and 27 by the IBE.

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### ILAE Bursary Recipients

Hai Xue (China)  
Nuria Campora (Argentina)  
Ying Xu (Australia)  
Caroline Neuray (Austria)  
Marina Coelho Gonsales (Brazil)  
Sebastian Ruge Møller (Denmark)  
Devavrat Nene (India)  
Giulia Monti (Italy)  
Marienke A.A.M. de Bruijn (Netherlands)  
Ben Wijnen (Netherlands)  
Kyle H Bennett (United Kingdom)  
Felix Chan (United Kingdom)  
Gabriela Reyes Valenzuela (Argentina)  
Hui Ming Khoo (Canada)  
Benoit Girard (France)  
Stefan Wolking (Germany)  
Francesca Furia (Italy)  
Symon Kariuki (Kenya)  
Youssoufa Maiga (Mali)  
Kenia Pardo-Peña (Mexico)  
Evelien Geertsema (Netherlands)  
Nicole van Klink (Netherlands)  
Nadia Kafui Adotevi (New Zealand)  
Barbara Pijet (Poland)  
Lorenzo Caciagli (United Kingdom)  
Oliver Riley (United Kingdom)  
Taha Gholipour (USA)  
Manuel Couyoupetrou (Argentina)  
Xiaosa Chi (China)  
Lady Diana Ladino (Colombia)  
Noha Tharwat (Egypt)  
Lisa-Marie Neupert (Germany)  
RamshekharN Menon (India)  
Lokesh Tiwari (India)  
Lidia Di Vito (Italy)  
Loretta Giuliano (Italy)  
Samar Abbas (Lebanon)  
Victor Navarrete-Modesto (Mexico)  
Prakash Paudel (Nepal)  
Annick Melanie Magnerou (Senegal)  
Kevin Hampel (Spain)  
José David Herrera-García (Spain)  
Sara Baldini (Switzerland)  
Natrujee Wiwattanadittakul (Thailand)  
Cihan Isler (Turkey)  
Müberra Tanrıverdi (Turkey)  
Valeriy Cheburakhin (Ukraine)  
Yevgeniya Lekomtseva (Ukraine)  
Rosaly Gonzalez Zerpa (Venezuela)

# SCIENTIFIC PROGRAMME INFORMATION

## IBE Bursary Recipients

Dash Gopal Krishna (India)	Lidya Belai (Ethiopia)
Mauricio Olave Aguirre (Colombia)	Sarah Buck (United Kingdom)
Luliia Lakubenko (Ukraine)	Sofiene Bouali (Tunisia)
Ksenija Majstorovic (Republic of Macedonia)	Doga Coskun (Turkey)
Alla Nechay (Ukraine)	Nihan Carack Yilmaz (Turkey))
Ancor Sanz (Spain)	Rabia Warraich (United Kingdom)
Jacopo Lanzone (Italy)	Stanislav Malyshev (Russia)
Lorenzo Ricci (Italy)	Cholpon Shambetova (Kyrgyz Republic)
Nicoletta Brunelli (Italy)	Bianca De Blasi (United Kingdom)
Anna Keramida (Greece)	Lamia Sfaihi (Tunisia)
Lorenzo Ferri (Italy)	Nancy Watanabe (Brazil)
Sviatlana Kulikova (Republic of Belarus)	Feruzjon Rakhimov (Uzbekistan)
Nicole Rommens (Netherlands)	Bakhtigul Kholmuratova (Uzbekistan)

## ILAE Leadership Programme Bursaries

Keryma Acavedo (Chile)	Bindu Menon (India)
Jules Beal (USA)	Pricilla Monterrey Alvarez (Costa Rica)
Danielle Becker (USA)	Dang Khoa Nguyen (Canada)
Daniel Gams Massi (Senegal)	San Oo (Myanmar)
Gonzalo J Garcia (Columbia)	Ana Piršić (Croatia)
Sherifa Hamed (Egypt)	Genevieve Rayner (Australia)
Abeer Hani (Lebanon)	Barbara Rosso (Argentina)
Laura Hernandez Vanegas (Mexico)	Ovidio Solano Cabrera (El Salvador)
Henna Jonsson (Finland)	Rochelle Soranzo (Canada)
Colin Joseph (Canada)	Go Taniguchi (Japan)
Gudrun Kalss (Austria)	Line Mandix Thorsen (Denmark)
Judy Kariuki (Kenya)	Erwin van Vliet (Netherlands)
Param Kharbanda (India)	Johan Zelano (Sweden)
Edward Kija (Tanzania)	Showen Zhang (China)
Mohamad Koubeissi (USA)	Maeike Zijlmans (Netherlands)
Colin Lui (Hong Kong)	Tianjay Josephine Kamanda (Sierra Leone)
Stevo Lukic (Serbia)	
Apasri Lusawat (Thailand)	

# FULL CONGRESS TIMETABLE

32nd International Epilepsy Congress									
Saturday, Sep 2		Sunday, Sep 3		Monday, Sep 4		Tuesday, Sep 5		Wednesday, Sep 6	
07:30-08:00		Teaching Session x 4	Satellite Symposium	Teaching Session x 4	EEG Course	Satellite Symposium	Teaching Session x 4	EEG Course	Teaching Session x 4
08:00-08:30			Presidential Symposium			Main Session	Main Session		
08:30-09:00						Main Session	Main Session		
09:00-09:30						Main Session	Main Session		
09:30-10:00						Main Session	Main Session		
10:00-10:30						Main Session	Main Session		
10:30-11:00						Main Session	Main Session		
11:00-11:30						Main Session	Main Session		
11:30-12:00						Main Session	Main Session		
12:00-12:30						Main Session	Main Session		
12:30-13:00						Main Session	Main Session		
13:00-13:30						Main Session	Main Session		
13:30-14:00						Main Session	Main Session		
14:00-14:30						Main Session	Main Session		
14:30-15:00						Main Session	Main Session		
15:00-15:30						Main Session	Main Session		
15:30-16:00						Main Session	Main Session		
16:00-16:30						Main Session	Main Session		
16:30-17:00						Main Session	Main Session		
17:00-17:30						Main Session	Main Session		
17:30-18:00						Main Session	Main Session		
18:00-18:30						Main Session	Main Session		
18:30-19:00						Main Session	Main Session		
19:00-19:30						Main Session	Main Session		
19:30-20:00						Main Session	Main Session		
20:00-20:30						Main Session	Main Session		
20:30-21:00						Main Session	Main Session		

Session topics:	Translational	Integrated, pathophysiology/clinical/social
Pediatrics	Social Issues	Management issues (medical or surgical)
Critical		

# SCIENTIFIC PROGRAMME INFORMATION

**SATURDAY 2<sup>nd</sup> SEPTEMBER**

	CONGRESS HALL	ROOM A	ROOM F
13.00-13.30		WONOEPE Highlights	VIREPA COURSE - EEG Basic/Advanced
13.30-14.00			
14.00-14.30		Satellite Symposium	Satellite Symposium
14.30-15.00			
15.00-15.30			
15.30-16.00			
16.00-16.30			
16.30-17.00			
17.00-17.30	Network Imaging in epilepsy	The epilepsy autism conundrum	Advances in research in PME of Lafora: searching for a cure
17.30-18.00			
18.00-18.30			
18.30-19.00	Welcome Ceremony		
19.00-19.30			
19.30-20.00			
20.00-20.30			
20.30-21.00	Welcome Reception (Garden Restaurant)		

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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ROOM H1	ROOM H2	ROOM J
CASE-ORIENTED SERIES - Non Psychiatric Comorbidities		VIDEO SERIES - Nocturnal events: epilepsy/parasomnia
Michael Prize Symposium		
Stronger together - advocating together for research, comprehensive care and involvement of patients with epilepsy		MicroRNA in epilepsy

# SCIENTIFIC PROGRAMME INFORMATION

## SATURDAY 2<sup>nd</sup> SEPTEMBER

Teaching Session  
Room A

13:00 – 14:30 **VIREPA Course**

**EEG-Basic**  
Bogdan Lorber (Slovenia)

**EEG-Advanced**  
Michaelis Koutroumanidis (United Kingdom)

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Teaching Session  
Room H1

13:00 – 14:30 **Case Oriented Series**

**Non-psychiatric comorbidities**  
Martin Brodie (United Kingdom)

**Non-psychiatric comorbidities**  
Alla Guekht, (Russia)

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Teaching Session  
Room J

13:00 – 14:30 **Video Series**

**Nocturnal events: epilepsy/parasomnia**  
Al de Weerd (Netherlands)

**Nocturnal events: epilepsy/parasomnia**  
Sándor Beniczky (Denmark)

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## Award Symposium

Room H1

14:30 – 15:00

### Michael Prize Symposium

*Co-chairs: Helen Cross (United Kingdom) & Emilio Perucca (Italy)*

**Neuroimaging and connectome analysis of temporal lobe epilepsy: from hippocampal subfields to large-scale networks**  
Boris Christian Bernhardt (Canada)

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## Satellite Symposium

Room A

15:30 – 17:00

Please see page 78 for details

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## Satellite Symposium

Room F

15:30 – 17:00

Please see page 78 for details

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## Parallel Session

Congress Hall

17:00 – 18:30

### Networking imaging in epilepsy

*Co-chairs: Christophe Bernard (France) & Simon Keller (United Kingdom)*

#### Electrical signatures of epileptic phenotypes

Liset M de la Prida (Spain)

#### Seizure dynamics: role of the connectome and hubs

Christophe Bernard (France)

#### Network alterations in epilepsy revealed by volumetric MRI

Simon Keller (United Kingdom)

#### Architecture and dynamics of structural networks in epilepsy: implications for personalised medicine

Leonardo Bonhila (USA)

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# SCIENTIFIC PROGRAMME INFORMATION

## SATURDAY 2<sup>nd</sup> SEPTEMBER

### Parallel Session

Room A

17:00 – 18:30

#### **The epilepsy autism conundrum**

*Co-chairs: John Jacob (United Kingdom) & Stéphane Auvin (France)*

#### **Diagnostic challenges in children with epilepsy and Autistic Spectrum Disorder (ASD)?**

Stéphane Auvin (France)

#### **The shared genetics of epilepsy and ASD**

Ingrid Scheffer (Australia)

#### **Cortical dysfunction in epilepsy and ASD**

John Jacob (United Kingdom)

#### **Goals and recommended approaches in antileptic treatment for children with ASD**

Lieven Lagae (Belgium)

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### Parallel Session

Room H1

17:00 – 18:30

#### **Stronger together – advocating together for research, comprehensive care and involvement of patients with epilepsy**

*Co-chairs: Sari Tervonen (Finland) & Francesca Sofia (Italy)*

#### **Why do we need better communication and collaboration between professional and lay organisations?**

Manjari Tripathi (India)

#### **Common barriers to collaboration – how to establish a new culture of teamwork**

Pierre Genton (France)

#### **The 'inseparable' IBE and ILAE chapters in Finland – how was this achieved?**

Reetta Kälviäinen (Finland)

## **Advocating for epilepsy and making change in social and health care policy**

Brian Hayes, Member of the European Parliament (MEP)  
(Ireland)

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### **Parallel Session**

Room F

17:00 – 18:30

## **Advances in research in PME of Lafora: searching for a cure**

*Co-Chairs: Jose Serratosa (Spain) & Antonio Delgado-Escueta (Spain)*

### **Glycogen metabolism as the driving force of LD**

Matthew Gentry (USA)

### **Reducing glycogen synthesis as a therapy for LD: genomic therapies**

Berge Minassin (Canada)

### **Reducing glycogen synthesis as a therapy for LD: small molecules**

Peter Roach (USA)

### **When can LD be treated during evolution?**

Joan Guinovart (Spain)

### **Translation to the clinic**

Antonio Delgado-Escueta (Spain)

### **Translation to the clinic**

Jose Serratosa (Spain)

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# SCIENTIFIC PROGRAMME INFORMATION

## SATURDAY 2<sup>nd</sup> SEPTEMBER

### Parallel Session

Room J

17:00 – 18:30

### **MicroRNA in epilepsy**

*Co-chairs: Felix Rosenow (Germany) & David Henshall (Ireland)*

#### **Novel epilepsy-associated microRNAs**

David Henshall (Ireland)

#### **Genetic variants in microRNA and their target genes**

Ayal Gussow (USA)

#### **MicroRNA in biofluids as biomarkers of human epilepsy, seizures and status epilepticus**

Felix Rosenow (Germany)

#### **Disease modification and anti-epileptogenesis; therapeutic targeting of miR-146a and miR-134**

Michele Simonato (Italy)

# 13<sup>TH</sup> EUROPEAN CONGRESS ON EPILEPTOLOGY

SUN 26<sup>TH</sup> - THURS 30<sup>TH</sup>  
AUGUST 2018



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COMMISSION ON EUROPEAN AFFAIRS

# SCIENTIFIC PROGRAMME INFORMATION

SUNDAY 3<sup>rd</sup> SEPTEMBER

	Posters	CONGRESS HALL	ROOM A	ROOM F
08:00-08:30			VIREPA COURSE - Neuroimaging	Satellite Symposium
08:30-09:00				
09:00-09:30				
09:30-10:00	Set-up	Presidential Symposium: New Classification		
10:30-10:30				
10:30-11:00	Posters			
11:00-11:30				
11:30-12:00				<i>Break</i>
12:00-12:30		Clinical approach to status epilepticus	Innovation in epilepsy surgery: Keeping promises?	
12:30-13:00				
13:00-13:30				
13:30-14:00				
14:00-14:30				<i>Break &amp;</i>
14:30-15:00				
15:00-15:30				Epilepsia Prize Award Symposium
15:30-16:00		PAEDIATRIC EPILEPSIES 1	EPILEPSY SURGERY 1	
16:00-16:30				
16:30-17:00				
17:00-17:30			Satellite Symposium	VIDEO SESSION - Seizures and epilepsies in adults
17:30-18:00				
18:00-18:30	Removal			
18:30-19:00		Satellite Symposium		Satellite Symposium
19:00-19:30				

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

ROOM H1	ROOM H2	ROOM J
CASE ORIENTED SERIES - Epileptic Encephalopathies	ADVANCED EEG	VIDEO SERIES - Neonatal seizures/non epileptic events

3ak

Management of epilepsy in resource-limited settings	Ketogenic therapies: state of the art	Neurobiology Symposium

Posters

BASIC SCIENCE 1	LIVING WITH SEIZURES/EPILEPSY 1	CLINICAL NEUROPHYSIOLOGY 1
DEBATE - Pacing ictal asystole?	DEBATE - Will gene and cell therapy be clinically-relevant for epilepsy?	ASK THE EXPERT - Classification

# SCIENTIFIC PROGRAMME INFORMATION

## SUNDAY 3<sup>rd</sup> SEPTEMBER

08:00 – 09:30 **Teaching Session**  
Room A  
**VIREPA Course**  
**Neuroimaging**  
Petr Marusic (Czech Republic)  
**New course formats: Neuroimaging**  
Stefan Rampp (Germany)

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08:00 – 09:30 **Teaching Session**  
Room H1  
**Case Oriented Series**  
**Epileptic encephalopathies**  
Rima Nababout (France)

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08:00 – 09:30 **Teaching Session**  
Room H2  
**Miscellaneous Series**  
**Advanced EEG**  
Maeike Zijlmans (Netherlands)  
**Advanced EEG**  
Sándor Beniczky (Denmark)

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08:00 – 09:30 **Satellite Symposium**  
Room F  
Please see page 79 for details

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## Teaching Session

Room J

08:00 – 09:30

### Video Series

#### Neonatal seizures/non-epileptic events

Monika Eisermann (France)

#### Neonatal seizures/non-epileptic events

Jo Wilmshurst (South Africa)

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## Presidential Symposium

Congress Hall

09:30 – 11:30

### A new classification is born

*Co-chairs: Emilio Perucca (Italy) & Athanasios Covanis (Greece)*

#### Developing a classification of seizures and epilepsy: Lessons from history

Solomon L. Moshé- (USA)

#### The ILAE classification of seizures

Sameer Zuberi (United Kingdom)

#### The ILAE classification of the epilepsies

Ingrid Scheffer (Australia)

#### The new classification: cultural context and implications for people with epilepsy

Satish Jain (India)

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## Parallel Session

Congress Hall

12:00 – 13:30

### Clinical approach to status epilepticus

*Co-chairs: Simon Shorvon (United Kingdom) & Javier Salas-Puig (Spain)*

#### Impact of the new definition and classification on clinical management

Eugen Trinka (Austria)

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# SCIENTIFIC PROGRAMME INFORMATION

## SUNDAY 3<sup>rd</sup> SEPTEMBER

### **Rare causes of status epilepticus**

CT Tan (Malaysia)

### **Neuroimaging of status epilepticus**

Giada Giovannini (Italy)

### **New drug treatments of status epilepticus**

Simon Shorvon (United Kingdom)

---

### **Parallel Session**

Room A

12:00 – 13:30

### **Innovation in epilepsy surgery: keeping promises?**

*Co-chairs: Antonio Russi (Spain) & Rodrigo Rocamora (Spain)*

### **Moving away from long-term video-EEG monitoring**

Jean Gotman (Canada)

### **Using networks to delineate a focus**

Fernando Cendes (Brazil) (Brazil)

### **High frequency oscillations for surgical decision making**

Maeike Zijlmans (Netherlands)

### **Novel minimally invasive therapies**

Gary Mathern (USA)

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### **Parallel Session**

Room H1

12:00 – 13:30

### **Management of epilepsy in resource-limited settings**

*Co-chairs: Gretchen Birbeck (Zambia) & Ali Asadi-Pooya (Iran, Islamic Republic of)*

### **Management of epilepsy in resource-limited settings: the basic requirements**

Boulenouar Mesraoua (Qatar)

### **Management of epilepsy in resource-limited settings: establishing an epilepsy surgery program**

Ali Asadi-Pooya (Iran, Islamic Republic of)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## **Management of epilepsy in resource-limited settings: telemedicine**

Victor Patterson (Nepal)

## **Management of epilepsy in resource-limited settings: epilepsy care guidelines**

Gretchen Birbeck (Zambia)

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### **Parallel Session**

Room H2

12:00 – 13:30

## **Ketogenic therapies: state of the art**

*Co-chairs: Helen Cross (United Kingdom) & Roberto Caraballo (Argentina)*

### **How does the ketogenic diet work?**

Heung Dong Kim (Korea, Republic of)

### **What is the evidence for effectiveness in children?**

Helen Cross (United Kingdom)

### **The ketogenic diet in metabolic inherited disorders**

Pierangelo Veggiotti (Italy)

### **Diets for status epilepticus**

Roberto Caraballo (Argentina)

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### **Neurobiology Symposium**

Room J

12:00 – 14:00

## **Understanding the complexity and networks of epilepsies and their comorbidities**

*Co-chairs: Marco de Curtis (Italy) & Norberto Garcia-Cairasco (Brazil)*

### **The human brain and the search for networks and connectivity maps associated to the epilepsies and their comorbidities**

Maxime Guye (France)

### **Neurogenesis and gene cascade linking epilepsy to depression and autism**

Steve Danzer (USA)

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# SCIENTIFIC PROGRAMME INFORMATION

## SUNDAY 3<sup>rd</sup> SEPTEMBER

### **Brain somatic mutation in mTOR and epileptogenesis**

Hoon-Chul Kang (Korea, Republic of)

### **Etiology and cognitive impairment – networks as a therapeutic target to improve outcomes**

Rodney Scott (United Kingdom)

### **Complexity and emergence in epileptogenic networks: clinical experimental and computational challenges and perspectives**

Norberto Garcia-Cairasco (Brazil)

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### **Award Symposium**

Room F

15:00 – 15:30

### **Epilepsia Clinical Science Prize**

*Co-chairs: Dieter Schmidt (Germany) & Michael Sperling (USA)*

### **Involvement of GATOR complex genes in familial focal epilepsies and focal cortical dysplasia**

Stephanie Baulac (France)

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### **Platform Session**

Congress Hall

15:30 – 16:30

### **Paediatric Epilepsies 1**

*Co-chairs: Sameer Zuberi (United Kingdom) & Heung Dong Kim (Korea, Republic of)*

0021

### **Aetiology and subcortical structure volume are associated with subsequent cognitive deficits in children following convulsive status epilepticus (CSE)**

Kyle H Bennett (United Kingdom)

0022

### **Cannabidiol (CBD) reduces convulsive seizure frequency in Dravet syndrome: results of a multi-centre, randomised, double-blind, placebo-controlled trial (GWPCARE1)**

J. Helen Cross (United Kingdom)

0023

### **Genetic and phenotypic heterogeneity suggest therapeutic implications in SCN2A-related disorders**

Markus Wolff (Germany)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

- 0024**      **Neurodevelopmental outcomes in new-borns with neonatal seizures caused by rotavirus-associated leukoencephalopathy**  
Kyung Yeon Lee (Korea, Republic of)
- 0025**      **Electrical status epilepticus in sleep after thalamic injury: clinical and neuroimaging predictors in 26 children**  
Bart van den Munckhof (Netherlands)

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## Platform Session

Room H1

- 15:30 – 16:30      **Basic Sciences 1**  
*Chair: Matthew Walker (United Kingdom)*
- 0001**      **Proresolving anti-inflammatory mechanisms are novel potential targets against epileptogenesis**  
Federica Frigerio (Italy)
- 0002**      **Novel drug-screening in “epileptic” zebrafish uncovers histone deacetylase (HDAC) 1 and 3 as a novel anticonvulsant target**  
Kingsley Ibhazehiebo (Canada)
- 0003**      **Anti-epileptogenic and epilepsy comorbidity modifying effects of a selective T-type Ca<sup>2+</sup> channel antagonist, Z944, in the post-status epilepticus model of temporal lobe epilepsy**  
Pablo M. Casillas-Espinosa (Australia)
- 0004**      **Tackling epileptogenesis via the mGlu7 glutamate receptor**  
Benoit Girard (France)
- 0005**      **The NINDS/NIH Epilepsy Therapy Screening Program (ETSP)**  
John H. Kehne (USA)

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## Platform Session

Room H2

- 15:30 – 16:30      **Living with seizures/epilepsy 1**  
*Co-chairs: Satish Jain (India) & Caroline Morton (Netherlands)*
- 0016**      **Behavioural and emotional comorbidity of acute seizures in young Kenyan children: a population-based study**  
Symon M. Kariuki, Kenya

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# SCIENTIFIC PROGRAMME INFORMATION

## SUNDAY 3<sup>rd</sup> SEPTEMBER

- 0017**      **Parenting stress and perceived stigma in mothers of children with early onset epilepsy: a population-based study**  
Colin Reilly (United Kingdom)
- 0018**      **"Seizure monitoring on my App" A nursing approach in the implementation of a Seizure App. Perspectives from clinical practice**  
Lone Olsen (Denmark)
- 0019**      **An economic evaluation of a multi-component self-management intervention for adults with epilepsy (ZMILE study)**  
Ben Wijnen (Netherlands)
- 0020**      **Knowledge and attitudes towards epilepsy of parents in Mali**  
Youssoufa Maiga, Mali
- 

### Platform Session

Room F

15:30 – 16:30

### **Epilepsy Surgery 1**

*Co-chairs: Frans Leijten (Netherlands) & Gary Mathern (USA)*

- 0011**      **Relationship between cortical resection and visual function after occipital lobe epilepsy surgery**  
Chun Kee Chung (Korea, Republic of)
- 0012**      **Focal epileptiform discharges detected by magnetoencephalography and simultaneous electroencephalography**  
Lene Duez (Denmark)
- 0013**      **Meaningful improvement in quality of life after temporal lobe epilepsy surgery: a prospective study with Brazilian patients**  
Katia Lin (Brazil)
- 0014**      **Feasibility and safety of repeat stereotactic radiofrequency thermocoagulation for recurrent gelastic seizure due to hypothalamic hamartoma**  
Hiroshi Shirozu (Japan)
- 0015**      **Stimulation induced seizures during extraoperative direct electrical cortical stimulation for cortical mapping**  
Martha Spilioti (Greece)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Platform Session

Room J

15:30 – 16:30

### **Clinical Neurophysiology 1**

*Co-chairs: Jean Gotman (Canada) & Maeike Zijlmans (Netherlands)*

0006

#### **Spindle oscillations trigger rolandic discharges in benign childhood epilepsy**

Shinobu Kohsaka (Japan)

0007

#### **Responsiveness to a word-listening task in children with rolandic epilepsy: a magnetoencephalographic study**

Kuriko Kagitani-Shimono (Japan)

0008

#### **Association of default mode network (DMN) regions at absence seizure onset unconstrained by their frequency confinement**

Sanjib Sinha (India)

0009

#### **New hybrid micro-macroelectrodes to record fast-ripples in patients with drug-refractory epilepsy**

Elodie Despouy (France)

0010

#### **Electroencephalographic abnormalities in anti NMDAR encephalitis**

Sophie Jeannin-Mayer (France)

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## Satellite Symposium

Room A

16:30 – 18:00

Please see page 79 for details

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# SCIENTIFIC PROGRAMME INFORMATION

## SUNDAY 3<sup>rd</sup> SEPTEMBER

### Debate

Room H1

17:00 – 18:00

### **Pacing ictal asystole?**

#### **Pacing ictal asystole? – PRO**

Rainer Surges (Germany)

#### **Pacing ictal asystole? – CON**

Felix Rosenow (Germany)

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### Debate

Room H2

17:00 – 18:00

### **Will gene and cell therapy be clinically relevant for epilepsy?**

#### **Will gene and cell therapy be clinically relevant for epilepsy? – CON**

Sam Wiebe (Canada)

#### **Will gene and cell therapy be clinically relevant for epilepsy? – PRO**

Jack Parent (USA)

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### Video Session

Room F

17:00 – 18:00

### **Seizures and epilepsies in adults**

#### **Seizures and epilepsies in adults**

Jacqueline French (USA)

#### **Seizures and epilepsies in adults**

Sam Berkovic (Australia)

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Ask the Experts

Room J

17:00 – 18:00

### **Classification**

#### **Classification**

Ingrid Scheffer (Australia)

#### **Classification**

Sameer Zuberi (United Kingdom)

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### Satellite Symposium

Congress Hall

18:00 – 19:30

Please see page 80 for details

### Satellite Symposium

Room F

18:10 – 19:40

Please see page 80 for details

# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

	Posters	CONGRESS HALL	ROOM A	ROOM F
08:00-08:30			VIREPA COURSE Paediatric EEG/ Sleep and Epilepsy	MISCELLANEOUS SERIES - Epilepsy and Disability
08:30-09:00				
09:00-09:30				
09:30-10:00	Set-up	Novel Technologies for epilepsy - Opportunities and pitfalls		
10:30-10:30				
10:30-11:00	Posters			
11:00-11:30				
11:30-12:00				<i>Brea</i>
12:00-12:30		Seizure detection in ambulatory patients	Myths in epilepsy and psychiatry: what is the evidence?	Neonatal Seizures from Bench to Incubator
12:30-13:00				
13:00-13:30				
13:30-14:00				
14:00-14:30				<i>Break &amp; P</i>
14:30-15:00				
15:00-15:30				Epilepsia Prize Award Symposium
15:30-16:00		DRUG THERAPY	GENETICS 1	EPIDEMIOLOGY 1
16:00-16:30				
16:30-17:00				
17:00-17:30	Removal	VIDEO SESSION - Seizures and epilepsies in children	ASK THE EXPERTS - Womens' Issues	DEBATE - Is ictal scalp-EEG recording mandatory for epilepsy surgery?
17:30-18:00				
18:00-18:30				
18:30-19:00				
19:00-19:30				

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

ROOM H1	ROOM H2	ROOM J	PRESS ROOM II
CASE ORIENTED SERIES - Surgical cases, adults	Satellite Symposium	VIDEO SERIES - Paediatric semiology: epileptic/non epileptic	EEG Course - Interactive, hands- on teaching session on applying high-density EEG electrode arrays, rapid scanning of the electrode positions and testing patients during seizure
		Stress: a key factor in epilepsy and co-morbidities	
Rare and complex epilepsies: addressing the needs of PWE and their families		Autoimmunity and inflammation in epilepsy	
Posters			
NEUROIMAGING	LIVING WITH SEIZURES/EPILEPSY 2	Use of intracranial recordings in presurgical assessment: Is it worth it?	
BASIC SCIENCE 2	DEBATE - Do the cognitive benefits of temporal lobe surgery outweigh the cognitive risks?		
		Satellite Symposium	

# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

08:00 – 09:30 **Teaching Session**  
Room A  
**VIREPA COURSE**  
**EEG-Paediatric**  
Monika Eisermann (France)  
**Sleep and epilepsy**  
Al de Weerd (Netherlands)

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08:00 – 09:30 **Teaching Session**  
Room H1  
**Case Oriented Series**  
**Surgical cases, adults**  
Çigdem Ozkara, Turkey  
**Surgical cases, adults**  
Antonio Gil-Nagel, (Spain)

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08:00 – 09:30 **Satellite Symposium**  
Room H2  
Please see page 81 for details

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08:00 – 09:30 **Teaching Session**  
Room F  
**Miscellaneous Series**  
**Epilepsy and intellectual disability: the clinical spectrum**  
Christian Brandt (Germany)  
**Genetic testing in epilepsy with intellectual disability: what and when?**  
Ingrid Scheffer (Australia)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Teaching Session

Room J

08:00 – 09:30

### Video Series

#### **Paediatric semiology: epileptic/non-epileptic**

Dana Craiu (Romania)

#### **Paediatric semiology: epileptic/non-epileptic**

Lieven Lagae (Belgium)

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## Teaching Session

Press Room II

08:00 – 09:30

### EEG Course

#### **Interactive, hands-on teaching session on applying high-density EEG electrode arrays, rapid scanning of the electrode positions and testing patients during seizures**

Sándor Beniczky (Denmark)

Christian Skaarup (Denmark)

Anders Bach Justesen (Denmark)

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## Main Session

Congress Hall

09:30 – 11:30

### **Novel technologies for epilepsy; opportunities and pitfalls**

*Chair: Philippe Ryvlin (Switzerland)*

#### **Novel technologies for epilepsy: an overview**

Philippe Ryvlin (Switzerland)

#### **Using technology to improve knowledge and skills**

Nathalie Jetté (Canada)

#### **Using technology to improve quality of care and safety**

Gregory Krauss (USA)

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# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

### Main Session

Room J

09:30 – 11:30

#### **Stress: a key factor in epilepsy and co-morbidities**

*Co-chairs: Sheryl Haut (USA) & Terence O'Brien (Australia)*

#### **Stress, the hippocampus and epilepsy**

Terence O'Brien (Australia)

#### **The evolving interactions of stress, anxiety and depression in epilepsy**

Markus Reuber (United Kingdom)

#### **Prenatal and childhood stress: impact on epilepsy**

Jolien van Campen (Netherlands)

#### **Measuring and treating stress: how novel technologies are taking us forward**

Sheryl Haut (USA)

### Parallel Session

Congress Hall

12:00 – 13:30

#### **Seizure detection in ambulatory patients**

*Co-chairs: Mark Cook (Australia) & Andreas Schulze-Bonhage (Germany)*

#### **Experience from invasive EEG-based seizure detection**

Mark Cook (Australia)

#### **Non-invasive EEG-based seizure detection**

Andreas Schulze-Bonhage (Germany)

#### **EKG-based seizure detection**

Christoph Baumgartner (Austria)

#### **Non-EEG, non-EKG-based nocturnal seizure detection**

Frans Leijten (Netherlands)

## Parallel Session

Room A

12:00 – 13:30

### **Myths in epilepsy and psychiatry: what is the evidence?**

*Co-chairs: Marco Mula (United Kingdom) & Jo Wilmshurst (South Africa)*

#### **Should psychiatric comorbidities prevent patients from having epilepsy surgery?**

Byung-In Lee (Korea, Republic of)

#### **Are psychostimulants contraindicated in children with epilepsy?**

Jo Wilmshurst (South Africa)

#### **Are psychogenic non-epileptic attacks less hazardous than epileptic seizures?**

Kette Valente (Brazil)

#### **Do AEDs increase suicidality in epilepsy?**

Marco Mula (United Kingdom)

## Parallel Session

Room H1

12:00 – 13:30

### **Rare and complex epilepsies: addressing the needs of PWE and their families**

*Co-chairs: Philip Gattone (USA) & Rima Nababout (France)*

#### **What are rare and complex epilepsies and why do we need special actions for them?**

Alexis Arzimanoglou (France)

#### **The rare epilepsies network of the Epilepsy Foundation of America**

Philip Gattone (USA)

#### **Supporting PWE with rare epilepsies: learning from successful initiatives: Dravet syndrome groups**

Julian Isla (Spain)

# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

### **Supporting PWE with rare epilepsies: learning from successful initiatives: progressive myoclonus epilepsies**

Paavo Marikainen (Finland)

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#### **Parallel Session**

Room F

12:00 – 13:30

### **Neonatal seizures: from bench to incubator**

*Co-chairs: Aristeia Galanopoulou (USA) Lucia Fusco (Italy)*

#### **Pathophysiology of neonatal seizures**

Mathieu Milh (France)

#### **This is a seizure, this is not: Mice pups**

Aristeia Galanopoulou (USA)

#### **This is a seizure, this is not: Human neonates**

Lucia Fusco (Italy)

#### **When, how and what to treat?**

Akihisa Okumura (Japan)

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#### **Parallel Session**

Room J

12:00 – 13:30

### **Autoimmunity and inflammation in epilepsy**

*Co-chairs: Annamaria Vezzani (Italy) & Sarosh Irani (United Kingdom)*

#### **Neuro inflammation and epilepsies**

Annamaria Vezzani (Italy)

#### **Autoimmune epilepsies**

Sarosh Irani (United Kingdom)

#### **Immunotherapies in epilepsy**

Sean Pittock (USA)

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## Award Symposium

Room F

15:00 – 15:30

### **Epilepsia Basic Science Prize**

*Chair: Astrid Nehlig (France)*

**Should stimulation parameters be individualized to stop seizures: Evidence in support of the approach**

Tiwalade Sobayo (USA)

## Platform Session

Congress Hall

15:30 – 16:30

### **Drug Therapy**

*Co-chairs: Michel Baulac (France) & Alla Guekht (Russia)*

0026

**Cannabidiol (CBD) significantly reduces drop and total seizure frequency in Lennox-Gastaut syndrome (LGS): results of a dose-ranging, multi-centre, randomised, double-blind, placebo-controlled trial (GWPCARE3)**

Sameer Zuberi (United Kingdom)

0027

**Considering anti-epileptic drug withdrawal? A tool for individual prediction of seizure outcomes**

Herm J Lamberink (Netherlands)

0028

**Adjunctive everolimus in patients with treatment-refractory seizures associated with tuberous sclerosis complex (TSC): analysis of exposure-efficacy and exposure-safety relationships in the randomized, phase 3, EXIST-3 trial**

Jacqueline French (USA)

0029

**Symptomatic treatment of anti-GABA<sub>B</sub>R and anti-LGI1 autoimmune epilepsy**

Mariénke A.A.M. de Bruijn (Netherlands)

0030

**Comparing the efficacy of sodium valproate and levetiracetam following initial lorazepam in generalized convulsive status epilepticus (GCSE) in elderly: a prospective randomized controlled study**

Devavrat Nene (India)

# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

### Platform Session

Room A

15:30 – 16:30

### Genetics 1

*Co-chairs: Iscia Lopes-Cendes (Brazil) & Nicola Specchio (Italy)*

0036

**Precision therapy for epilepsy due to KCNT1 mutations: an order-randomised, double-blind, placebo-controlled cross-over trial of oral quinidine**

Saul Mullen (Australia)

0037

**The phenotypic spectrum of SCN8A mutations and treatment response**

Katrine M Johannesen (Denmark)

0038

**Genetic investigation of sudden unexpected death in epilepsy cohort by panel target resequencing**

Pasquale Striano (Italy)

0039

**KCNT1 pathogenic variants cause nocturnal frontal lobe epilepsy and malformation of cortical development**

Guido Rubboli (Denmark)

0040

**Aetiologies and cost-effectiveness of genomic testing in severe epilepsies of infancy: a population-based study**

Katherine B Howell (Australia)

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### Platform Session

Room H1

15:30 – 16:30

### Neuroimaging

*Co-chairs: William Theodore (USA) & Bernhard Pohlmann-Eden (Canada)*

0046

**Functional connectivity of mPFC compensates episodic memory encoding network following medial temporal lobe resection**

Chun Kee Chung (Korea, Republic of )

0047

**Seizure control and hippocampal sclerosis are related to metabolic alterations in mesial temporal lobe epilepsy**

Luciana Pimentel-Silva (Brazil)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- 0048**      **EEG source connectivity to localize the seizure onset zone from clinical ictal EEG in refractory epilepsy patients**  
Pieter van Mierlo (Belgium )
- 0049**      **IntrAnat Electrodes: a free software to visualize SEEG data in patient referential and initiate group studies**  
Lena Trebaul (France)
- 0050**      **In-vivo imaging of activated NMDA receptor ion channels with the radioligand 18F-GE179**  
Ali Vibholm (Denmark)
- 

### Platform Session

Room H2

15:30 – 16:30

### Living with seizures/epilepsy 2

*Co-chairs: Galo Pesantez Cuesta (Ecuador) & Shichuo Li (China)*

- 0041**      **The impact of physical attractiveness judgments on stigma of epilepsy**  
Aleksandar Ristic, Serbia
- 0042**      **Self-Management education for adults with poorly controlled epilepsy (SMILE-UK)**  
Leone Ridsdale (United Kingdom)
- 0043**      **New epilepsy guideline in Norway – available on net and as a free app**  
Karl O. Nakken, Norway
- 0044**      **Attitudes and experiences of medicinal cannabis use in epilepsy**  
Lisa Todd (Australia )
- 0045**      **Effects of a specialized inpatient treatment program on epilepsy related impairments of patients with epilepsy and intellectual disability as rated by relatives and carers**  
Christian Brandt (Germany)
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## MONDAY 4<sup>th</sup> SEPTEMBER

### Platform Session

Room F

15:30 – 16:30

### **Epidemiology 1**

*Co-chairs: Jakob Christensen (Denmark) & Jorge Burneo (Canada)*

0031

### **Familial mesial temporal lobe epilepsy and the borderland of déjà vu**

Piero Perucca (Australia)

0032

### **Seizures and high-grade gliomas: a UK single centre retrospective analysis**

Oliver Riley (United Kingdom) & Nicholas Allcroft (United Kingdom)

0033

### **Impact of seizures after thrombolysis for acute ischemic stroke: the ENCHANTED trial**

Ying Xu (Australia)

0034

### **Circumstances of SUDEPs: a Swedish nationwide population-based study of 329 cases**

Olafur Sveinsson (Sweden)

0035

### **Inter-ictal cardiac repolarization abnormalities in people with epilepsy**

Nirmeen Kishk, Egypt

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### Parallel Session

Room J

15:30 – 17:00

### **Use of intracranial recordings in pre-surgical assessment: Is it worth it?**

*Co-chairs: Jose Serratosa (Spain) & Antonio Valentin (United Kingdom)*

### **SEEG versus subdural electrodes**

Antonio Gil-Nagel (Spain)

### **Can neuroimaging replace chronic intracranial recordings?**

Mar Carreño (Spain)

### **The additional value of electrical stimulation**

Gonzalo Alarcon (Qatar)

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**Risks and costs of chronic intracranial recordings**  
Beate Diehl (United Kingdom)

## Video Session

Congress Hall

17:00 – 18:00

### **Seizures and epilepsies in children**

**Seizures and epilepsies in children**  
Ingrid Scheffer (Australia)

**Seizures and epilepsies in children**  
Sameer Zuberi (United Kingdom)

## Ask the Experts

Room A

17:00 – 18:00

### **Women's Issues**

**Women's Issues**  
Jacqueline French (USA)

**Women's Issues**  
Torbjörn Tomson (Sweden)

## Platform Session

Room H1

17:00 – 18:00

### **Basic Sciences 2**

*Chair: Jaideep Kapur (USA)*

0051

**An automated tool for reliable detection of seizures in rodent models of epilepsy**  
Armen Sargsyan (Australia)

0052

**MMP-9 activity after traumatic brain injury as a risk for epilepsy development**  
Barbara Pijet (Poland)

0053

**Neonatal electrographic seizures and behavioural impairment in mice with a genetic Nav1.2 channelopathy**  
Walid Fazeli (Germany)

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# SCIENTIFIC PROGRAMME INFORMATION

## MONDAY 4<sup>th</sup> SEPTEMBER

- 0054**            **The Mash<sup>+</sup>/<sup>-</sup> knock-in mouse as a model for human SUDEP suitable to screen for potential anti-SUDEP agents**  
Elie Abdelnour (USA)
- 0055**            **Molecular variability of childhood and adult epileptogenesis: differences in miRNA profile of adult and infantile rats**  
Petra Bencurova (Czech Republic)
- 

**Debate**  
Room H2

17:00 – 18:00

**Do the cognitive benefits of temporal lobe surgery outweigh the cognitive risks?**

**Do the cognitive benefits of temporal lobe surgery outweigh the cognitive risks? – PRO**  
Christoph Helmstaedter (Germany)

**Do the cognitive benefits of temporal lobe surgery outweigh the cognitive risks? – CON**  
Pamela Thompson (United Kingdom)

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Debate

Room F

17:00 – 18:00

## **Is ictal scalp-EEG recording mandatory for epilepsy surgery?**

**Is ictal scalp-EEG recording mandatory for epilepsy surgery? – PRO**

Andreas Schulze-Bonhage (Germany)

**Is ictal scalp-EEG recording mandatory for epilepsy surgery? – CON**

Eugen Trinka (Austria)

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## **Satellite Symposium**

Room J

18:00 – 19:30

Please see page 81 for details

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# SCIENTIFIC PROGRAMME INFORMATION

TUESDAY 5<sup>th</sup> SEPTEMBER

	Posters	CONGRESS HALL	ROOM A	ROOM F	
08:00-08:30			VIDEO SERIES - Paroxysmal Motor Phenomena: epilepsy or movement disorder?		
08:30-09:00					
09:00-09:30					
09:30-10:00	Posters	Precision medicine in epilepsy			
10:30-10:30					
10:30-11:00					
11:00-11:30					
11:30-12:00					<i>Brea</i>
12:00-12:30			Precision medicine: Harnessing the power of stem cells	Infantile spasms: state of the art	Novel technology to monitor and reduce seizure-related risks
12:30-13:00					
13:00-13:30					
13:30-14:00					
14:00-14:30					<i>Break &amp; F</i>
14:30-15:00					
15:00-15:30				Epileptic Disorder Prize Award Symposium	
15:30-16:00		ADULT EPILEPTOLOGY	GENETICS 2	EPILEPSY SURGERY 2	
16:00-16:30					
16:30-17:00				<i>Brea</i>	
17:00-17:30	Removal	VIDEO SESSION - Seizures and epilepsies in neonates	DEBATE - Are we ready for testing interventions to prevent SUDEP?		
17:30-18:00					
18:00-18:30					
18:30-19:00					
19:00-19:30					

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

ROOM H1	ROOM H2	ROOM J	PRESS ROOM II
CASE ORIENTED SERIES - Epilepsy Case Mangement in Resource Limited settings	MISCELLANEOUS - Pediatric epilepsy surgery	VIREPA COURSE - ILAE Wikipedia project and other internet possibilities	EEG Course - Interactive, hands-on teaching session on applying high-density EEG electrode arrays, rapid scanning of the electrode positions and testing patients during seizure
		Epileptic encephalopathies: Concept, treatment and outcome	
Interventions for cognitive dysfunction in epilepsy	How to Publish in ILAE Journals	Cannabinoids in epilepsy: the new frontier of pharmacological treatment	
Posters			
BASIC SCIENCES 3	EPIDEMIOLOGY 2	PAEDIATRIC EPILEPSIES 2	
CLINICAL NEUROPHYSIOLOGY 2	DEBATE - Will precision medicine in epilepsy require systematic genetic screening?	ASK THE EXPERT - Managing difficult cases of epilepsy in childhood	
		Satellite Symposium	

# SCIENTIFIC PROGRAMME INFORMATION

TUESDAY 5<sup>th</sup> SEPTEMBER

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08:00 – 09:30 **Teaching Session**  
Room A

**Video Series**

**Paroxysmal Motor Phenomena: epilepsy or movement disorder?**  
Philippe Ryvlin (Switzerland)

**Paroxysmal Motor Phenomena: epilepsy or movement disorder?**  
Paolo Tinuper (Italy)

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08:00 – 09:30 **Teaching Session**  
Room H1

**Case Oriented Series**

**Epilepsy case management in resource limited settings**  
Angelina Kakooza (Uganda)

**Epilepsy case management in resource limited settings**  
Gretchen Birbeck (Zambia)

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08:00 – 09:30 **Teaching Session**  
Room H2

**Miscellaneous Series**

**Paediatric epilepsy surgery**  
Gary Mathern (USA)

**Paediatric epilepsy surgery**  
Frans Leitjen (Netherlands)

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Teaching Session

Room J

08:00 – 09:30

### **VIREPA Course**

#### **ILAE Wikipedia project and other internet possibilities**

Kate Riney (Australia)

#### **ILAE Wikipedia project and other internet possibilities**

Sam Wiebe (Canada)

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## Teaching Session

Press Room II

08:00 – 09:30

### **EEG Course**

**interactive, hands-on teaching session on applying high-density EEG electrode arrays, rapid scanning of the electrode positions and testing patients during seizures.**

Sándor Beniczky (Denmark)

Christian Skaarup (Denmark)

Anders Bach Justesen (Denmark)

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## Main Session

Congress Hall

09:30 – 11:30

### **Precision medicine in epilepsy**

*Co-chairs: Shinichi Hirose (Japan) & Jack Parent (USA)*

#### **Precision medicine: what it is and what it isn't**

Sam Wiebe (Canada)

#### **Improving therapeutics through precise diagnosis**

Jacqueline French (USA)

#### **Precision therapy through genomics, here and now**

Holger Lerche (Germany)

#### **Targeted therapy: \*omics and new horizons**

Parthasarthy Satishchandra (India)

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# SCIENTIFIC PROGRAMME INFORMATION

## TUESDAY 5<sup>th</sup> SEPTEMBER

### Main Session

Room J

09:30 – 11:30

### **Epileptic encephalopathies: Concept, treatment and outcome**

*Co-chairs: Rima Nababout (France) & Hari Bhathal (Spain)*

#### **The concept: use and misuse**

Rima Nababout (France)

#### **Does outcome depend on seizures and/or EEG discharges?**

Federico Vigeveno (Italy)

#### **Why aetiology matters**

Mitsuhiro Kato (Japan)

#### **Individualised treatment: present and future**

Dan Lowenstein (USA)

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### Parallel Session

Congress Hall

12:00 – 13:30

### **Precision medicine: Harnessing the power of stem cells**

*Co-chairs: Shinichi Hirose (Japan) & Jack Parent (USA)*

#### **The potential of stem cells in precision medicine**

Shinichi Hirose (Japan)

#### **Modelling epilepsy using patient derived stem cells**

Jack Parent (USA)

#### **Modelling epilepsy using genetically modified stem cells**

Zhiyuan Li (China)

#### **Human 'mini brains' derived from stem cells**

TBC

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Parallel Session

Room A

12:00 – 13:30

### **Infantile spasms: state of the art**

*Co-chairs: Monika Eisermann (France) & Sheffali Gulati (India)*

#### **Early diagnosis is key: can we do better?**

Monika Eisermann (France)

#### **Addressing aetiology: what is the optimal work up?**

Renzo Guerrini (Italy)

#### **Steroids: mechanisms of action and efficacy**

Li-Ping Zou (China)

#### **Treatment: towards practice consensus**

Katarzyna Kotulska-Jóźwiak (Poland)

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## Parallel Session

Room H1

12:00 – 13:30

### **Interventions for cognitive dysfunction in epilepsy**

*Co-chairs: Christoph Helmstaedter (Germany) & Pamela Thompson (United Kingdom)*

#### **Are our measurement tools appropriate?**

Christoph Helmstaedter (Germany)

#### **Early intervention in ASD and epilepsy**

Lisa Ouss (France)

#### **Cognitive rehabilitation after epilepsy surgery**

Pamela Thompson (United Kingdom)

#### **Interictal' EEG discharges and cognitive dysfunction: investigations and management'**

Hal Blumenfeld (USA)

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# SCIENTIFIC PROGRAMME INFORMATION

## TUESDAY 5<sup>th</sup> SEPTEMBER

### Parallel Session

Room H2

12:00 – 13:30

### **How to publish in ILAE Journals**

#### **How to publish in ILAE Journals**

Astrid Nehlig (France)

#### **How to publish in ILAE Journals**

Michael Sperling (USA)

#### **How to publish in ILAE Journals**

Alexis Arzimanoglou (France)

#### **How to publish in ILAE Journals**

Aristea Galanopoulou (USA)

#### **How to publish in ILAE Journals**

Dieter Schmidt (Germany)

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### Parallel Session

Room F

12:00 – 13:30

### **Novel technologies to monitor and reduce seizure-related risks**

*Co-chairs: Jane Hanna (United Kingdom) & Torbjörn Tomson (Sweden)*

#### **Monitoring known SUDEP risk factors using novel technologies**

Torbjörn Tomson (Sweden)

#### **Identifying new SUDEP risk factors using novel technologies**

Rainer Surges (Germany)

#### **Novel technologies to prevent premature mortality**

Daniel Friedman (USA)

#### **Novel technologies to inform patients and families on seizure related risks**

Jane Hanna (United Kingdom) & Rohit Shankar (United Kingdom)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## Parallel Session

Room J

12:00 – 13:30

### **Cannabinoids in epilepsy: the new frontier of pharmacological treatment**

*Co-chairs: Vicente Villanueva (Spain) & Jaime Parra (Spain)*

#### **Cannabis: a historical perspective in the treatment of neurological disease**

Hari Bhathal (Spain)

#### **The endocannabinoid system, seizure and epilepsy**

Istvan Katona (Hungary)

#### **Results of clinical trial: do they match expectations?**

Bruria Ben-Zeev (Israel)

## Award Symposium

Room F

15:00 – 15:30

### **Epileptic Disorder Prize Award Symposium**

*Chair: Alexis Arzimanoglou (France)*

#### **Characteristic phasic evolution of convulsive seizure in PCDH19-related epilepsy**

Hiroko Ikeda (Japan)

## Platform Session

Congress Hall

15:30 – 16:30

### **Adult Epileptology**

*Chair: Dieter Schmidt (Germany)*

0056

#### **Seizure control after surgery for intracranial meningioma: a single centre cohort study**

Hai Xue (China)

0057

#### **High expression of cystine-glutamate antiporter xCT (SLC7A11) is an independent biomarker for epileptic seizures at diagnosis in glioma**

Christoph Patrick Beier (Denmark)

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# SCIENTIFIC PROGRAMME INFORMATION

## TUESDAY 5<sup>th</sup> SEPTEMBER

- 0058**      **Autoimmune epilepsy: key findings to identify a potentially treatable disease**  
Sara Matricardi (Italy)
- 0059**      **Ictal vocalization in focal epilepsy**  
Elisabeth Hartl (Germany)
- 0060**      **Utility of home videos for diagnosis of PNES**  
Bhargavi Ramanujam (India)
- 

### Platform Session

Room A

15:30 – 16:30

### Genetics 2

*Chair: Gambardella Antonio (Italy)*

- 0076**      **A comprehensive analysis of missense mutations in SCN1A in patients with Dravet syndrome improves interpretation of clinically relevant variants**  
Marina Coelho Gonsales (Brazil)
- 0077**      **Somatic mutations are abundant in focal cortical dysplasia**  
Ischia Lopes-Cendes (Brazil)
- 0078**      **Analysis of facial asymmetry and dysmorphism in epilepsy**  
Simona Balestrini (United Kingdom)
- 0079**      **Mosaicism of de novo SCN1A mutations in epilepsy: an explanation for variable phenotypes?**  
Iris de Lange (Netherlands)
- 0080**      **KCNB1 mutations are causing a neurodevelopmental disorder including epilepsy and autism**  
Rikke S. Møller (Denmark)
-

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## Platform Session

Room H1

15:30 – 16:30

### Basic Sciences 3

*Co-chairs: Astrid Nehlig (France) & Ed Bertram (USA)*

0061

#### Lentivector-mediated potassium channel overexpression decreases focal cortical seizure frequency

Robert Wykes (United Kingdom)

0062

#### Changes in synaptic expression of glutamatergic AMPA receptors in cortical inhibitory interneurons in a mouse model of absence epilepsy

Nadia Kafui Adotevi (New Zealand)

0063

#### Comparison of miRNA expression profiles in rat model of epilepsy with human mTLE+HS patients

Jiri Baloun (Czech Republic)

0064

#### Screening and targeting therapeutically epileptiform and behavioural phenotypes in rodent models of Angelman syndrome

Anne Anderson (USA)

0065

#### The dynamics of the excitatory and inhibitory neural network during development and initiation of chemoconvulsant-induced cortical seizures

Fadi Aeed (Israel)

## Platform Session

Room H2

15:30 – 16:30

### Epidemiology 2

*Co-chairs: Peter Wolf (Denmark) & Chahnez Charfi Triki (Tunisia)*

0066

#### Impact of comorbidities on risk for injuries and accidents in epilepsy: a prospective, population-based cohort study

Benno Mahler (Sweden)

0067

#### Intervention strategy for the management of epilepsy in South-East Asia

Farid Boumediene (France)

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# SCIENTIFIC PROGRAMME INFORMATION

## TUESDAY 5<sup>th</sup> SEPTEMBER

- 0068**      **The Incidence and predictors of recurrence after first seizure in emergency department and outcomes: a retrospective study in an university hospital**  
Amika Praipanapong (Thailand)
- 0069**      **Accidental deaths in people with epilepsy: a nationwide cohort study**  
Sebastian Ruge Møller (Denmark)
- 0070**      **Status epilepticus in Auckland (New Zealand); a prospective, hospital-based incidence study**  
Peter S. Bergin (New Zealand)
- 

### Platform Session

Room F

15:30 – 16:30

### **Epilepsy Surgery 2**

*Co-chairs: Flavio Villani (Italy) & Jerome Engel (USA)*

- 0071**      **Fast ripples best define regional networks of epileptogenesis on paediatric intra-operative electrocorticographies**  
Joyce Y. Wu (USA)
- 0072**      **SEEG evaluation and surgical outcome in refractory polymicrogyria-related epilepsy: a multicentric study**  
Georgia Ramantani (Switzerland)
- 0073**      SEEG-guided radiofrequency thermocoagulation for the treatment of intractable focal epilepsy Miguel Ley Nácher (Spain)
- 0074**      **Focal cortical dysplasia type II: is MEG, multimodal neuronavigation and intraoperative MR imaging helpful for surgery?**  
Karl Roessler (Germany)
- 0075**      **Can volumes of mesial temporal structures predict pre and post-laser ablation psychiatric comorbidities in patients with temporal lobe epilepsy?**  
Naymee Velez-Ruiz (USA)
-

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## Platform Session

Room J

15:30 – 16:30

### Paediatric Epilepsies 2

*Co-chairs: Ronit Pressler (United Kingdom) & Solomon L. Moshé (USA)*

0081

#### Abnormal electrophysiological properties of A1783T mutation in SCN1A may causes SMEI

Yang Zeng (China)

0082

#### Long-term surgical outcome in paediatric patients with focal cortical dysplasia

Eva Martinez Lizana (Germany)

0083

#### Long-term safety and efficacy of intracerebroventricular enzyme replacement therapy with cerliponase alfa in children with CLN2 disease: interim results from an ongoing multicenter, multinational extension study

Nicola Specchio (Italy)

0084

#### High agreement in the evaluation of structural MRI characteristics in tuberous sclerosis complex

Hanna Mai Hulshof (Netherlands)

0085

#### Neuropsychological and behavioural disorders screening program in new-onset childhood epilepsies. Preliminary results using child behaviour checklist evaluation

Faustine Iliski Lecoanet (France)

## Video Session

Congress Hall

17:00 – 18:00

### Seizures and epilepsies in neonates

#### Seizures and epilepsies in neonates

Ronit Pressler (United Kingdom)

#### Seizures and epilepsies in neonates

Eli Mizrahi (Sweden)

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# SCIENTIFIC PROGRAMME INFORMATION

## TUESDAY 5<sup>th</sup> SEPTEMBER

### Debate

Room A

17:00 – 18:00

### **Are we ready for testing interventions to prevent SUDEP?**

**Are we ready for testing interventions to prevent SUDEP? PRO**  
Daniel Friedman (USA)

**Are we ready for testing interventions to prevent SUDEP? CON**  
Torbjörn Tomson (Sweden)

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### Platform Session

Room H1

17:00 – 18:00

### **Clinical Neurophysiology 2**

*Co-chairs: Ivan Rektor (Czech Republic) & Akio Ikeda (Japan)*

0086

**Modulation of autonomic sympathetic activity reduces epileptic seizures: role of frontal cortex – amygdala functional connectivity**

Yoko Nagai (United Kingdom)

0087

**Prospective identification of fast ripples (FRs) helps define the spatial extent of the epileptogenic network**

Hiroki Nariai (USA)

0088

**Evidence of focality in infantile spasms as indicated by interhemispheric onset latency differences in ictal gamma and beta activity on EEG**

Jules C. Beal (USA)

0089

**EEG (ictal and inter-ictal) connectivity patterns and 3-D spike source analysis in focal epilepsy and its relation to nuclear medicine imaging**

Alberto Pinzon (USA)

0090

**Usefulness of automated EEG analysis to detect interictal epileptic activity in diagnostic EEG recordings: a study in 38 patients**

Pieter van Mierlo (Belgium)

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# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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## Debate

Room H2

17:00 – 18:00

### **Will precision medicine in epilepsy require systematic genetic screening?**

**Will precision medicine in epilepsy require systematic genetic screening? PRO**

Norman Delanty (Ireland)

**Will precision medicine in epilepsy require systematic genetic screening? CON**

Jacqueline French (USA)

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## Ask the Experts

Room F

17:00 – 18:00

### **Managing difficult cases of epilepsy in childhood**

**Managing difficult cases of epilepsy in childhood**

Alexis Arzimanoglou (France)

**Managing difficult cases of epilepsy in childhood**

Rima Nabbout (France)

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## Satellite Symposium

Room A

18:00 – 19:30

Please see page 81 for details

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# SCIENTIFIC PROGRAMME INFORMATION

WEDNESDAY 6<sup>th</sup> SEPTEMBER

	ROOM A	ROOM F
08:00-08:30	<b>VIDEO SERIES - Testing during &amp; after epileptic seizures</b>	<b>MISCELLANEOUS SERIES - Role of Diets in the management of epilepsy</b>
08:30-09:00		
09:00-09:30		
09:30-10:00		
10:30-10:30		
10:30-11:00		
11:00-11:30		
11:30-12:00		
12:00-12:30		
12:30-13:00		
13:00-13:30		
13:30-14:00		

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

ROOM H1	ROOM H2	ROOM J
CASE ORIENTED SERIES - Psychiatric/Cognitive comorbidities	MISCELLANEOUS SERIES - Participation in drug studies: Do's and Dont's	VIREPA COURSE - ILAE Educational Portal & Epileptic Disorders
		Understanding the nature of seizures
		<i>Break</i>
		Congress Highlights Session

# SCIENTIFIC PROGRAMME INFORMATION

## WEDNESDAY 6<sup>th</sup> SEPTEMBER

### Teaching Session

Room A

08:00 – 09:00

### Video Series

#### Testing during & after epileptic seizures

Walter van Emde Boas (Netherlands)

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### Teaching Session

Room H1

08:00 – 09:00

### Case Oriented Series

#### Psychiatric/Cognitive comorbidities

Marco Mula (United Kingdom)

#### Psychiatric/Cognitive comorbidities

Pamela Thompson (United Kingdom)

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### Teaching Session

Room H2

08:00 – 09:00

### Miscellaneous Series

#### Participation in drug studies: Do's and Don'ts

Jacqueline French (USA)

#### Participation in drug studies: Do's and Don'ts

Emilio Perucca (Italy)

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### Teaching Session

Room F

08:00 – 09:00

### Miscellaneous Series

#### Role of diets in the management of epilepsy

Helen Cross (United Kingdom)

#### Role of diets in the management of epilepsy

Roberto Caraballo (Argentina)

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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08:00 – 09:00 **Teaching Session**  
Room J  
**VIREPA Course**  
**ILAE educational portal & Epileptic Disorders**  
Alexis Arzimanoglou (France)

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09:30 – 11:30 **Main Session**  
Room J  
**Understanding the nature of seizures**  
*Co-chairs: Rafal Nowak (Spain) & Antonio Gil-Nagel (Spain)*  
**All together now: epileptogenic networks dynamics**  
Ralph Andrzejak (Spain)  
**Functional network analysis in epilepsy**  
Neils Focke (Germany)  
**Combining non-invasive techniques to characterise the epileptic networks**  
Eduardo M Castillo (USA)  
**Impact of epileptic networks on cognitive function**  
Vera Dinkelacker (France)

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11:30 – 13:00 **Congress Highlights Session**  
Room J  
**Congress Highlights Session**

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# SCIENTIFIC PROGRAMME INFORMATION

## SATELLITE SYMPOSIUM

2.9.2017

### Satellite Symposium

Room A

15:30 – 17:00

#### **LIVANOVA: Heart, body & mind | Epilepsy and the autonomic nervous system**

*Chair: Richard Verrier, USA*

#### **Autonomic phenomena in people with epilepsy**

Speaker: Brian D. Moseley, USA

#### **T-wave alternans and cardiac pathology in epilepsy**

Speaker: Richard Verrier, USA

#### **SUDEP – The ultimate autonomic breakdown**

Speaker: Rainer Surges, Germany

### Satellite Symposium

Room F

15:30 – 17:00

#### **GW PHARMACEUTICALS: Perspectives in early-onset epilepsies: patients, physicians and possibilities**

*Chair: Helen Cross, United Kingdom*

*Co-Chair: Hari Bhathal, Spain*

#### **Early-onset epilepsies: the patient perspective**

Speaker: Isabella Brambilla, Italy

#### **Early-onset epilepsies: the societal perspective**

Speaker: Sameer Zuberi, United Kingdom

#### **Early-onset epilepsies: the clinical perspective**

Speaker: Victoria San Antonio-Arce, Spain

#### **Panel Discussion and Audience Q&A**

**3.9.2017**

**Satellite Symposium**

Room F

08:00 – 09:30

**ELEKTA: Source localization and network analysis with MEG and EEG**

*Chair: Paul Boon, Belgium*

**MEG and EEG source localization**

Speaker: Evelien Carette, Belgium

**Networks and clinical implications**

Speaker: Hermann Stefan, Germany

**MEG in clinical use, experiences in Spain**

Speaker: Leonides Canuet Delis, Spain

**Satellite Symposium**

Room A

16:30 – 18:00

**ZOGENIX: Recognising the burdens of dravet syndrome: co-morbidities, mortality, SUDEP**

*Chair: Lieven Lagae, Belgium*

**Chairman's Introduction**

Speaker: Lieven Lagae, Belgium

**Dravet Syndrome: Impact beyond seizures**

Speaker: Alexis Arzimanoglou, France

**Co-morbidities: Real life insights**

Speaker: Lieven Lagae, Belgium

**The burdens: Current challenges**

Speaker: Ley Sander, United Kingdom

**Panel Discussion**

# SCIENTIFIC PROGRAMME INFORMATION

## SATELLITE SYMPOSIUM

### Satellite Symposium

Congress Hall

18:00 – 19:30

#### **BIOMARIN: A time critical genetic epilepsy – new data for diagnosing and managing children with CLN2 disease**

*Chair: Angela Schulz, Germany*

#### **A new era for CLN2 disease: Natural history and new data for clinical management**

Speaker: Angela Schulz, Germany

#### **Epilepsy neurogenetics: earlier diagnosis of CLN2 disease in clinical practice**

Speaker: Raman Sankar, USA

#### **EEG and clinical clues: Identifying CLN2 disease within early-onset myoclonic epilepsies**

Speaker: Nicola Specchio, Italy

#### **Discussion: Minimising diagnostic delay in CLN2**

### Satellite Symposium

Room F

18:10 – 19:40

#### **EISAI: Mechanisms behind tumour growth and epileptic activity in brain tumours; discussion of the AMPA receptor pathway and clinical implications**

*Co-Chairs: Matthew Walker, United Kingdom & Riccardo Soffiatti, Italy*

#### **Can we be better at treating seizures in patients with brain tumour-related epilepsy?**

Speaker: Gilles Huberfeld, France

#### **Why do we need to understand the glutamatergic mechanisms in brain tumour-related epilepsy?**

Speaker: Mark Cunningham, United Kingdom

#### **It's time to conduct brain tumour-related epilepsy trials!**

Speaker: Terence O'Brien, Australia

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

4.9.2017

## Satellite Symposium

Room H2

08:00 – 09:30

**MEDTRONIC: Advancing treatment options for drug-resistant epilepsy patients MRI-guided laser ablation and deep brain stimulation**

## Satellite Symposium

Room J

18:00 – 19:30

**GW PHARMACEUTICALS: Moving on: Patients with early-onset epilepsies and the transition to adult care**

*Chair: Antonio Gil-Nagel, Spain*

**Anything but child's play: Early-onset epilepsies**

Speaker: Nicola Specchio, Italy

**Challenges faced by adult epileptologists: Transitioning patients with early-onset epilepsies**

Speaker: Bernhard J. Steinhoff, Germany

**Taking the first step: Models of care for transitional services**

Speaker: Rima Nabbout, France

**Panel Discussion and Audience Q&A**

5.9.2017

## Satellite Symposium

Room J

18:00 – 19:30

**EISAI-BIAL: Optimising epilepsy therapy: trials, tribulations, evidence and experience... Do we really know our AEDs?**

*Chair: Rob McMurray, United Kingdom*

**Introduction to AED trial programs**

Speaker: Martin Holtkamp, Germany

**Robust clinical trial programs give us the best insight into our AEDs**

Speaker: Mar Carreño, Spain

**Real world studies give us the best insight into our AEDs**

Speaker: Vicente Villanueva, Spain

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# POSTERS

## GENERAL INFORMATION

The Poster Area is situated on Level –1 of the congress centre. Posters are on display here from 10:30 to 17:30, with different posters presented each day (Sunday 3<sup>rd</sup> to Tuesday 5<sup>th</sup> September).

Presenters must set up their posters between 09:30 and 10:30 and materials will be provided for affixing posters to the poster boards. The posters must be removed between 17:30 and 18:30 and please note that the 32<sup>nd</sup> IEC does not take any responsibility for unclaimed posters.

The Scientific and Organising Committee has chosen to organise guided poster tours, led by experts in the field, during the lunch break, giving researchers the opportunity to present their work during the congress. Presenters will be available at their posters on their assigned day. Each presenter shall be given few minutes to outline their findings and answer questions.

The poster abstracts are available on the 32<sup>nd</sup> IEC website [www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org) and in the interactive session planner. They will also be published subject to editorial review in an online supplement of *Epilepsia* post congress.

Delegates can search for abstracts by keywords and access the full papers on the congress app which can be downloaded from the App Store.

## BEST ABSTRACTS

### Best Abstract Contribution

A number of posters have been selected by the Scientific and Organising Committee to receive a Best Abstract Contribution notification. The best abstract recognition was based on the merit and special interest of the abstract content.

The Best Abstract Contribution will be identified with a rosette which will be placed on the poster board.

## Best Abstract Contribution Abstracts

### Adult Epileptology

- 240 Factors affecting the number of oligodendrocytes in human temporal lobe epilepsy: a clinicopathological study.  
Miyata, Sugie, Kawamura, Hori.
- 561 Audit of epilepsy healthcare provision in a large UK category B prison.  
Thomasson, Coyle, Reynolds, Lees, Partington, Cooper.
- 617 Neuronal autoantibodies are infrequently associated with mesial temporal lobe epilepsy with hippocampal sclerosis  
Nobrega-Jr AW1, Gregory, Schindwein-Zanini, Wolf , Steindel, Lin
- 786 Juvenile Myoclonic Epilepsy: Long-term prognosis and treatment withdrawal.  
Viloria Alebesque, Bellosta Diago, Santos Lasaosa, Mauri Llerda.
- 803 Seizure semiology versus subjectivity: a linguistic approach to understanding focal aware seizures.  
Sanchez-Davies.
- 1456 The modified Atkins diet in patients with refractory epilepsy and intellectual disability – a randomized controlled trial .  
Hulshof, Jansen, Braun, Carpay.

### Basic Sciences

- 780 Online hydrogen peroxide measurement during oxidative stress generated by seizure activity using a high temporal resolution

# POSTERS

Pardo-Peña, Sanchez-Lira, Morales-Villagrán.

865 AMPA receptor antagonism in mitochondrial epilepsy: a potential therapeutic target?

Chan F1, Skeen A1, Lax N2, Turnbull D2, Cunningham M1

1050 Different mossy fiber sprouting patterns in ILAE hippocampal sclerosis types.

Schmeiser, Li, Brandt, Zentner, Doostkam, Freiman.

1181 Perivascular PDGFR cells participate to inflammation during in vivo epileptogenesis and in vitro ictogenesis.

Klement, Runtz, Girard, Fayd'herbe, Smith, Morin-Brureau, Bertaso, De Bock, Marchi.

## Clinical Neurophysiology

242 A systematic review on diagnostic accuracy and clinical value of non-invasive long-term video-EEG monitoring in pre-surgical evaluation of patients with epilepsy.

Kobulashvili, Kuchukhidze, Brigo, Zimmermann, Höfler, Leitinger, Dobesberger, Kalss, Rohracher, Neuray, Wakonig, Ernst, Trinkla.

376 DIAGNOSIS OF EPILEPTIC ACTIVITY ACCORDING EEG COHERENCE.

Dokukina, Misyuk, Makhrov, Khlebokazov, Korolevich, Marchuk.

396 Pattern of ictal intracerebral EEG at the start of alteration of consciousness.

Campora, Kochen.

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- 571 Tracking heart rate changes during seizures: a national study using ResearchKit and Apple Watch to collect biosensor and response data during seizures.  
Carmenate, Gonzalez, Ge, Collard, Lee, Crone, Krauss.
- 591 Interictal very fast ripples (500-1000 Hz) and ultrafast ripples (1-2 kHz): Novel biomarkers of the epileptogenic zone.  
Brazdil, Pail, Halánek, Plešinger, Cimbálník, Roman, Klimeš P, Daniel, Chrastina, Brichtová, Rektor, Worrell, Jurák.
- 742 Non-contact video detection of tonic-clonic seizures in a residential care setting.  
Geertsema, Gutter, Vledder, Arends, Leijten, Thijs, Visser, Kalitzin.
- 948 A study of praxis-induced seizures in Juvenile Myoclonic Epilepsy.  
Abarrategui, Rodrigues De Marchi, Zetehaku, Torres Corso, Visona Figueiredo, Guaranha, Yacubian.
- 1071 Seizure onset zone connectivity during wakefulness and sleep studied through single pulse electrical stimulation during SEEG recordings  
Arbune, Mindruta, Mihai Dragos, Popa, Ene, Ciurea, Barborica.
- 1076 Exploring cardiac autonomic functions in eating epilepsy .  
Sathyaprabha, Meghana, Jaideep, Prathyusha, Sinha, Satishchandra.

# POSTERS

- 1275      Event-related potentials in temporal lobe epilepsy with and without hippocampal sclerosis.  
Kim.
- 1297      Alternative seizure provoking techniques at the Epilepsy Monitoring Unit Palm.  
Eriksen, Dunkan, Olsen, Mæhl, Lundgren Hansen, Beniczky, Gardella.
- 1446      Duration of Tachycardia in the Post-ictal period.  
Scott, Allen, Valente, Cuarentas, Diehl.
- 1567      Déjà-rêvé (already dreamed) induced by electrical brain stimulation.  
Curot, Valton, Denuelle, Busigny, Vignal, Maillard, Pariente, Trébuchon, Bartolomei, Barbeau.

## Comorbidities

- 906      Brain activity continues during postictal EEG suppression in intracranial and scalp recordings.  
Bateman, Mendiratta, Liou, Smith, Bazil, Choi, McKhann, Pack, Sheth, Srinivasan, Schevon.

## Drug Therapy

- 3      THE ACTUAL MECHANISM BY WHICH PHENYTOIN DISPLAYS MICHAELIS-MENTEN KINETICS.  
Fagiolino, Vázquez, Ibarra, Alvariza, Maldonado.

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- 227 Antiepileptic drug withdrawal for terminal remission in patients with epilepsy in the general population.  
Giussani, Bianchi, Erba, Sander, Beghi, EPIRES Study Group.
- 525 Treatment with cannabidiol (CBD) significantly reduces drop seizure frequency in Lennox-Gastaut syndrome (LGS): results of a multi-centre, randomised, double-blind, placebo-controlled trial (GWPCARE4).  
Mazurkiewicz-Beldzinska, Thiele, Benbadis, Marsh, Joshi, French, Roberts, Taylor, Sommerville.
- 588 Cannabidiol (CBD) in Dravet syndrome: A randomised, dose-ranging pharmacokinetics and safety trial (GWPCARE1).  
Wright, Devinsky, Thiele, Wong, Appleton, Patel, Harden, Sommerville, Greenwood, Morrison.
- 640 Impact of everolimus treatment on quality of life (QoL) in patients with tuberous sclerosis complex (TSC) who have refractory partial-onset seizures in the context of an interventional clinical trial (EXIST-3).  
Nabbout, Franz, Lawson, Curatolo, Neary, Fan, Herbst, Sully, Brohan, de Vries.
- 929 Perampanel in routine clinical use across Europe: pooled observational studies.  
Rohracher, Zimmermann, Villanueva, Garamendi, Sander, Shankar, Ben-Menachem, Brodie, Pensel, Wehner, Di Gennaro, Maurousset, Strzelczyk, Rheims, Rácz, Menzler, Bertol-Alegre, García-Morales, López-González, Toledo, Trinká.

# POSTERS

- 932 Use of eslicarbazepine in children and adolescents with refractory epilepsy at two National Epilepsy Centres, Denmark and Norway.  
Baftiu, Burns, Nikaronova, Ramm-Pettersen, Rasmussen, Johannessen, Landmark.
- 1450 Real-world effectiveness and tolerability of eslicarbazepine acetate in patients receiving versus not receiving other sodium-channel blockers.  
Lawthom, Sales, McMurray, Villanueva.
- 1458 Prevalence, Characteristics and Patterns of Drug Resistant Epilepsy in A Cohort of Adult Epilepsy Patients with Focal Onset Seizures.  
A-Hakam, Ali, Alfaki.

## Epidemiology

- 294 A National Profile of Neurodevelopmental Disabilities in Canadian Children: Data from the National Longitudinal Study of Children and Youth.  
Prasad, Corbett.
- 1492 Premature mortality in persons with epilepsy and schizophrenia – a nationwide cohort study .  
Maul Andersen, Petersen, Vestergaard, Bøcker Pedersen, Christensen.

## Epilepsy in severely resource-restricted settings

- 158            The Role of Trained Community Health Volunteer in Improving Adherence in Children with Epilepsy in Rural Kenya.  
MARAGA.
- 748            Quality of carbamazepine in resource-limited settings: ancillary results from the QUAEDAf (Quality of Antiepileptic Drugs in sub-Saharan Africa) study.  
Jost, Nguyen, Ratsimbazafy, Auditeau, Raharivelo, Newton, Dufat, Preux.

## Epilepsy in the elderly

- 1537            Perampanel use in older people with epilepsy: pooled data from European observational studies.  
Neuray, Zimmermann, Villanueva, Garamendi, Sander, Shankar, Ben-Menachem, Brodie, Pensel, Wehner, Di Gennaro, Maurousset, Strzelczyk, Rheims, Rącz, Knake, Bertol-Alegre, García-Morales, López-González, Toledo, Trinkka.

## Epilepsy Surgery

- 706            Outcome and prognostic factors of epilepsy surgery in children with focal cortical dysplasia.  
Choi, Kim, Kim, Kim, Lim, Hwang, Choi, Chae, Kim.
- 947            High frequency oscillations in tumour related epilepsy.  
van Klink, Zweiphenning, Miller, Aronica, Braun, Zijlmans.
- 979            SEEG-guided radiofrequency thermocoagulation for the treatment of intractable focal epilepsy.

# POSTERS

- 1077 Ley Nácher, Alessandro, Álvaro, Tauste, Rocamora.  
Stereo electroencephalography-guided radiofrequency thermocoagulation in drug-resistant focal epilepsy: a new paediatric technique to guide the surgery.  
Chipaux, Ferrand-Sorbets, Fohlen, Dorison, Taussig, Dorfmueller.
- 1390 Atypical Presentation of Rasmussen's Encephalitis: A Case Series.  
Reyes Valenzuela, Princich, Gutierrez, Lizama, Beltrán, Massaro Sánchez, Bartuluchi, Lubieniecki, Caraballo.

## Genetics

- 775 The identification for pharmacogenetic biomarkers in the treatment of epilepsy.  
Wolking, Stapleton, Schulz, Nies, McCormack, Schubert, Schwab, Sander, Cavalleri, Lerche, EpiPGX Consortium.
- 1304 GENETIC HETEROGENEITY OF SLEEP RELATED HYPERMOTOR EPILEPSY (SHE).  
Bisulli, Licchetta, Baldassari, Provini, Plazzi, Santucci, Vignatelli, Zenisi, Scheffer, Berkovic, Pippucci, Tinuper, LICE (Italian League against Epilepsy) Genetic Study Group.
- 1326 Targeted next generation sequencing as a diagnostic tool in 644 childhood epilepsy patients and transmission of variants from mosaic parents.  
Larsen, Hao, Kako, Olofsson, Mirand, Kinali, Borggräfe, Svaneby, Nielsen, Lavard, Uldall, Talvik, Talvik, Fusco, Spagnoli, Frangu, Born,

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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Striano, Pal, Oates, Gellert, Nikanorova, Petersen, Lautrup, Brusgaard, Dunkhase-Heinl, Rokkjær, Bayat, Petkov, Børresen, Jepsen, Marjanovic, Hjalgrim, Dahl, Møller.

- 1377 Recessive variants in VARS cause a clinical syndrome with severe developmental delay, epilepsy and microcephaly.  
Siekierska, Stamberger, Sourbron, Deconinck, Kecskes, Oprescu, Waisfisz, Helbig, Hardies, Shinde, Jähn, Muhle, Pendziwiat, Helbig, Hersh, Lakeman, Schmitt, Von Spiczak, Weiss, Weckhuysen, May, Balling, Antonellis, De Jonghe, de Witte, EuroEPINOMICS-RES consortium AR working group.

- 1632 Distribution of genetic epilepsies and accordingly adjusted medical treatment at the Danish Epilepsy Centre: A systematic analysis of children born between 2006 and 2011  
Fenger, Johannesen, Gardella, Rubboli, Kjelgaard, Hjalgrim, Møller.

### Neuroimaging

- 212 A Multimodal Neuroimaging Study of Psychosis of Epilepsy (POE).  
Allebone, Wilson, Kanaan.
- 287 The added value of high-field MRI at 7T for pre-surgical evaluation of drug-resistant epilepsy.

# POSTERS

- 402 Time is brain? A systematic review and meta-analysis on progressive atrophy in drug-resistant temporal lobe epilepsy  
Caciagli, Bernasconi, Wiebe, Koepp, Bernasconi, Bernhardt.
- 566 Do subtle hippocampal structural changes on MRI serve as biomarkers for seizure recurrence in a prospective first seizure cohort?  
Ghuman, Crocker, Legg, Schmidt, Pohlmann-Eden.
- 700 Ictal brain perfusion SPECT subtracted with interictal FDG-PET for seizure onset focus localization.  
Perissinotti, Niñerola-Baizán, Rubí, Carreño, Donaire, Bargalló, Rumiá, Martí-Fuster, Pavía, Ros, Lomeña, Setoain.
- 829 Asymmetrical volume reduction of the hippocampal subfields in drug-resistant patients with generalized tonic-clonic seizures.  
Wang, Wang, Cao, Wang, Xu.
- 848 EpiJET: First commercially available automated injector for ictal SPECT.  
Setoain, Donaire, Vernet, Gil, Mayoral, Rumiá, Campos, Bargalló, Tapias, Carreño.
- 1228 Epileptic network in action: Synchrony of intracranial spiking activity in distant interictal discharge-related hemodynamic responses revealed by EEG/fMRI.  
Kho, von Ellenrieder, Zazubovits, Dubeau, Gotman
- 1366 Whole-brain structural connectome disruptions in temporal lobe epilepsy: relation to hippocampal pathology  
Bernhardt, Liu, Hong, Gu, Bassett, Bernasconi, Bernasconi

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- 1542 Poorly controlled seizures disrupt resting state networks in patients with generalized epilepsies  
Garcia, Alvim, Polydoro, Ishikawa, Montanher, Campos, Morita, Cendes, Yasuda.

### Neuropsychology

- 1452 Development and validation of Ictal Cognitive Testing and Localization (ICTAL): an individualised hypothesis-testing tablet based neuropsychological test program to evaluate cognitive deficits during ictal EEG abnormalities, Wada-testing, intracranial EEG recordings and awake surgery.  
Hendriks, Flachs, Bremm, Colon, Tousseyn, Wagner, Vaessen.
- 1568 Cognitive outcomes following Radiofrequency-Thermocoagulation in Temporal Lobe Epilepsy (TLE): Preliminary Data.  
Pérez-Enríquez, Manero, Peña-Casanova, Principe, Ley-Nacher, Delgado-Martinez, Conesa, Rocamora.

### Neurostimulation

- 580 Real-time suppression of temporal lobe epileptiform discharges by closed-loop optogenetic stimulation  
Lin, Ju, Lin.
- 984 Clinical outcomes of VNS therapy with AspireSR at a large UK Complex Epilepsy and Surgery Centre  
Hamilton, Dhahri, Leat, Hughes, Toghil, Bagary, McCorry, Soryal, Chelvarajah.

# POSTERS

- 1099            A single centre study comparing the effectiveness of the AspireSR®  
106 Vagus Nerve Stimulator model to older models in drug  
resistant epilepsy.  
Mecia, Sheikh, Maguire, Wright, Sivakumar.
- 1318            Ventral anterior cingulate gyrus: integration of body position and  
complex motor responses  
Centeno, Jha, Nachev , Diehl.

## Paediatric Epileptology

- 832            Electroencephalographic and Diffusion Tensor Imaging Changes in  
Idiopathic Epileptic Children Imane.  
Yassine, Hosny, Ashour, ElDeeb, Gad.
- 1321            Sleep disorders in children and adolescents with epilepsy: an  
observational study.  
Furia, Zambrelli, Turner, Malanchini, Vignoli, La Briola, Mingarelli,  
Canevini.
- 1471            Significance of functional connectivity before and after corpus  
callosotomy or hemispherotomy in paediatric epilepsy patients.  
  
Ko, Pae, Oh, Eom, Kim, Kang, Kim, Kim, Park, Lee.
- 1461            Efficacy, Acceptability and Tolerability of Low Glycemic Index Diet  
in South Indian Children with Refractory Epilepsy.  
Pavithran.

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- 1571 Lysine Restriction in Pyridoxine Dependent Epilepsy; Results after 2 years of follow-up  
Hartmann, de Rooy, Bok L3, van Karnebeek, Lunsing, van Rijn, van Wegberg, van Spronsen.
- 1606 Pathogenic variants in KCTD7 perturb neuronal K<sup>+</sup> fluxes and glutamine transport.  
Moen MN1, Fajaer, El Hassan, El Khashab, Salih MA5, Chaudhry.
- 1656 Updates to the Lafora Epilepsy Cure Initiative (LECI) Clinical Centre: Development of a data collection tool for measurement of Lafora Epilepsy Disease Progression.  
Nguyen, Serratosa, Gonzales, Genton, Michelucci, Sinha, Chandra, Beydoun, Arabi, Kecmanovic, Whitehouse, Martinez-Juarez, Guilhoto, Salas-Puig, Ben-Menachem, Goldsmith, Duron, Medina, Bailey, Gentry M18, Minassian, Delgado-Escueta.

### Psychiatry

- 511 Emotion recognition of auditory and visual stimuli in patients with resistant temporal lobe epilepsy.  
Fernandez Lima, Oddo, Pereira de Silva, Giagante, Solis, Princich, Gori, Munera, Kochen, D'Alessio.

### Status Epilepticus

- 274 DECREASED ALLOPREGNANOLONE LEVELS IN CEREBROSPINAL FLUID OF PATIENTS WITH STATUS EPILEPTICUS.  
Monti, Giovannini, Lucchi, Bedin, Trenti, Rustichelli, Biagini, Meletti.

# POSTERS

- 1553 Re-evaluation of the Critically Ill Patients with Non-convulsive Status Epilepticus by Using Salzburg Consensus Criteria.  
Gungor Tuncer, Altindag, Nalbantoglu, Acik, Tavukcu Ozkan, Baykan.

## Women's Issues

- 235 Miscarriages in Pregnant Women with Epilepsy: Findings from the MONEAD Study.  
Meador, Pennell, May, McElrath, Gerard, Kalayjian, Velez-Ruiz, Gedzelman, Penovich, Cavitt, Hwang, Pack, Moore, Ippolito, Sam, MONEAD Investigator Group.

## Adult Epileptology

- 240 Factors affecting the number of oligodendrocytes in human temporal lobe epilepsy: a clinicopathological study.  
Miyata, Sugie, Kawamura, Hori.
- 561 Audit of epilepsy healthcare provision in a large UK category B prison.  
Thomasson, Coyle, Reynolds, Lees, Partington, Cooper.
- 617 Neuronal autoantibodies are infrequently associated with mesial temporal lobe epilepsy with hippocampal sclerosis  
Nobrega-Jr AW1, Gregory, Schlindwein-Zanini, Wolf, Steindel, Lin
- 786 Juvenile Myoclonic Epilepsy: Long-term prognosis and treatment withdrawal.  
Viloria Alebesque, Bellosta Diago, Santos Lasaosa, Mauri Llerda.
- 803 Seizure semiology versus subjectivity: a linguistic approach to understanding focal aware seizures.  
Sanchez-Davies.
- 1456 The modified Atkins diet in patients with refractory epilepsy and intellectual disability – a randomized controlled trial .  
Hulshof, Jansen, Braun, Carpay.

## Basic Sciences

- 780 Online hydrogen peroxide measurement during oxidative stress generated by seizure activity using a high temporal resolution

# POSTERS

## Adult Epileptology

- 240 Factors affecting the number of oligodendrocytes in human temporal lobe epilepsy: a clinicopathological study.  
Miyata, Sugie, Kawamura, Hori.
- 561 Audit of epilepsy healthcare provision in a large UK category B prison.  
Thomasson, Coyle, Reynolds, Lees, Partington, Cooper.
- 617 Neuronal autoantibodies are infrequently associated with mesial temporal lobe epilepsy with hippocampal sclerosis  
Nobrega-Jr AW1, Gregory, Schindwein-Zanini, Wolf , Steindel, Lin

# 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

## POSTER TOURS

Poster Tour Name	Poster Tour Date	Poster Tour Time
Adult Epileptology 1	03/09/2017	13:30-15:00
Adult Epileptology 2	03/09/2017	13:30-15:00
Adult Epileptology 3	03/09/2017	13:30-15:00
Adult Epileptology 4	04/09/2017	13:30-15:00
Adult Epileptology 5	04/09/2017	13:30-15:00
Adult Epileptology 6	05/09/2017	13:30-15:00
Adult Epileptology 7	05/09/2017	13:30-15:00
Adult Epileptology 8	05/09/2017	13:30-15:00
Basic Science 1	03/09/2017	13:30-15:00
Basic Science 2	03/09/2017	13:30-15:00
Basic Science 3	03/09/2017	13:30-15:00
Basic Science 4	03/09/2017	13:30-15:00
Basic Science 5	04/09/2017	13:30-15:00
Basic Science 6	04/09/2017	13:30-15:00
Basic Science 7	04/09/2017	13:30-15:00

# POSTERS

Basic Science 8	05/09/2017	13:30-15:00
Basic Science 9	05/09/2017	13:30-15:00
Basic Science 10	05/09/2017	13:30-15:00
Clinical Nuero physiology 1	03/09/2017	13:30-15:00
Clinical Nuero physiology 2	03/09/2017	13:30-15:00
Clinical Nuero physiology 3	03/09/2017	13:30-15:00
Clinical Nuero physiology 4	04/09/2017	13:30-15:00
Clinical Nuero physiology 5	04/09/2017	13:30-15:00
Clinical Nuero physiology 6	04/09/2017	13:30-15:00
Clinical Nuero physiology 7	05/09/2017	13:30-15:00
Clinical Nuero physiology 8	05/09/2017	13:30-15:00
Clinical Nuero physiology 9	05/09/2017	13:30-15:00
Comorbidities 1	03/09/2017	13:30-15:00
Comorbidities 2	04/09/2017	13:30-15:00
Comorbidities 3	05/09/2017	13:30-15:00
Drug Therapy 1	03/09/2017	13:30-15:00
Drug Therapy 2	03/09/2017	13:30-15:00
Drug Therapy 3	03/09/2017	13:30-15:00
Drug Therapy 4	03/09/2017	13:30-15:00
Drug Therapy 5	04/09/2017	13:30-15:00
Drug Therapy 6	04/09/2017	13:30-15:00
Drug Therapy 7	04/09/2017	13:30-15:00
Drug Therapy 8	04/09/2017	13:30-15:00
Drug Therapy 9	04/09/2017	13:30-15:00
Drug Therapy 10	05/09/2017	13:30-15:00
Drug Therapy 11	05/09/2017	13:30-15:00
Drug Therapy 12	05/09/2017	13:30-15:00
Drug Therapy 13	05/09/2017	13:30-15:00
Drug Therapy 14	05/09/2017	13:30-15:00

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

Epidemiology 1	03/09/2017	13:30-15:00
Epidemiology 2	03/09/2017	13:30-15:00
Epidemiology 3	04/09/2017	13:30-15:00
Epidemiology 4	05/09/2017	13:30-15:00
Epilepsy in the elderly	05/09/2017	13:30-15:00
Epilepsy in severely resource restricted settings 1	03/09/2017	13:30-15:00
Epilepsy in severely resource restricted settings 2	04/09/2017	13:30-15:00
Epilepsy Surgery 1	03/09/2017	13:30-15:00
Epilepsy Surgery 2	03/09/2017	13:30-15:00
Epilepsy Surgery 3	03/09/2017	13:30-15:00
Epilepsy Surgery 4	04/09/2017	13:30-15:00
Epilepsy Surgery 5	04/09/2017	13:30-15:00
Epilepsy Surgery 6	04/09/2017	13:30-15:00
Epilepsy Surgery 7	05/09/2017	13:30-15:00
Epilepsy Surgery 8	05/09/2017	13:30-15:00
Genetics 1	03/09/2017	13:30-15:00
Genetics 2	04/09/2017	13:30-15:00
Genetics 3	04/09/2017	13:30-15:00
Genetics 4	05/09/2017	13:30-15:00
Genetics 5	05/09/2017	13:30-15:00
Neuroimaging 1	03/09/2017	13:30-15:00
Neuroimaging 2	03/09/2017	13:30-15:00
Neuroimaging 3	04/09/2017	13:30-15:00
Neuroimaging 4	04/09/2017	13:30-15:00
Neuroimaging 5	05/09/2017	13:30-15:00
Neuroimaging 6	05/09/2017	13:30-15:00
Neuroimaging 7	05/09/2017	13:30-15:00
Neuropsychology 1	03/09/2017	13:30-15:00
Neuropsychology 2	03/09/2017	13:30-15:00

[www.epilepsybarcelona2017.org](http://www.epilepsybarcelona2017.org)

# POSTERS

Neuropsychology 3	04/09/2017	13:30-15:00
Neuropsychology 4	05/09/2017	13:30-15:00
Neurostimulation 1	03/09/2017	13:30-15:00
Neurostimulation 2	04/09/2017	13:30-15:00
Neurostimulation 3	05/09/2017	13:30-15:00
Paediatric Epileptology 1	03/09/2017	13:30-15:00
Paediatric Epileptology 2	03/09/2017	13:30-15:00
Paediatric Epileptology 3	03/09/2017	13:30-15:00
Paediatric Epileptology 4	03/09/2017	13:30-15:00
Paediatric Epileptology 5	03/09/2017	13:30-15:00
Paediatric Epileptology 6	03/09/2017	13:30-15:00
Paediatric Epileptology 7	04/09/2017	13:30-15:00
Paediatric Epileptology 8	04/09/2017	13:30-15:00
Paediatric Epileptology 9	04/09/2017	13:30-15:00
Paediatric Epileptology 10	04/09/2017	13:30-15:00
Paediatric Epileptology 11	04/09/2017	13:30-15:00
Paediatric Epileptology 12	05/09/2017	13:30-15:00
Paediatric Epileptology 13	05/09/2017	13:30-15:00
Paediatric Epileptology 14	05/09/2017	13:30-15:00
Paediatric Epileptology 15	05/09/2017	13:30-15:00
Paediatric Epileptology 16	05/09/2017	13:30-15:00
Psychiatry 1	03/09/2017	13:30-15:00
Psychiatry 2	04/09/2017	13:30-15:00
Psychiatry 3	05/09/2017	13:30-15:00
Social Issues/Nursing 1	03/09/2017	13:30-15:00
Social Issues/Nursing 2	04/09/2017	13:30-15:00
Social Issues/Nursing 3	04/09/2017	13:30-15:00
Social Issues/Nursing 4	05/09/2017	13:30-15:00
Status Epilepticus 1	03/09/2017	13:30-15:00

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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Status Epilepticus 2	04/09/2017	13:30-15:00
Status Epilepticus 3	05/09/2017	13:30-15:00
Status Epilepticus 4	05/09/2017	13:30-15:00
Terminology and Classification	05/09/2017	13:30-15:00
Women's Issues 1	03/09/2017	13:30-15:00
Women's Issues 2	04/09/2017	13:30-15:00

# POSTERS

## POSTERS

### Adult Epileptology 1

- p0091**      **Association between environmental ozone levels and increased epileptic seizures in patients with epilepsy in a hospital in Mexico City**  
Victor Gomez-Arias (Mexico)
- p0092**      **A case of N-methyl-D-aspartate receptor antibodies associated autoimmune temporal lobe epilepsy with amygdala enlargement**  
Go Taniguchi (Japan)
- p0093**      **Portosystemic shunt: an important differential diagnosis of consciousness disturbance in middle age**  
Shunsuke Kajikawa (Japan)
- p0094**      **Predictors of outcome in patients with acute symptomatic seizure**  
Gopal Krishna Dash (India)
- p0095**      **Headaches associated with symptomatic epilepsy in adults**  
Sanja Atic (Serbia)
- p0096**      **Temporal lobe epilepsy with amygdala enlargement: a clinical study**  
Masanaka Takeda (Japan)
- p0097**      **Epilepsy and neuropsychiatric lupus: case report and literature review**  
Guadalupe Bonilla Mejia (Ecuador)
- p0098**      **Clinical characteristics of epileptic seizures associated with protein S deficiency**  
Masako Kinoshita (Japan)
- p0099**      **Musicogenic epilepsy – an autoimmune-mediated condition?**  
Anke Maren Staack (Germany)
- p0100**      **Factors affecting the number of oligodendrocytes in human temporal lobe epilepsy: a clinicopathological study**  
Hajime Miyata (Japan)
-

## Adult Epileptology 2

- p0101**      **A closer look at burn injuries and epilepsy: an experience in a rural area**  
Naluca Mwendaweli (Zambia)
- p0102**      **Internal-external locus of control and self-perception of auras**  
Katia Lin (Brazil)
- p0103**      **Up-regulation of autophagy and mitophagy in refractory temporal lobe epilepsy patients with hippocampal sclerosis**  
Jin-Mei Li (China)
- p0104**      **Hippocampal sclerosis in LGI1 and CSPR2 positive limbic encephalopathy: a case report**  
Ammar Taha Abdullah Abdulaziz (China)
- p0105**      **Relation between gender, psychiatric and cognitive disorders and experiential auras in patients with temporal lobe epilepsy**  
Vanessa Benjumea-Cuarteras (Argentina)
- p0106**      **Seizure outcomes in patients with anti-NMDAR encephalitis: a 6-year follow-up study**  
Xu Liu (China)
- p0107**      **Non-dipping nocturnal blood pressure in patients with epilepsy**  
Sungjin Park (Korea, Republic of)
- p0108**      **Longitudinal bilateral hippocampal N-acetyl-aspartate values obtained using magnetic resonance spectroscopy over more than three years in patients with epilepsy**  
Tohru Hoshida (Japan)
- p0109**      **Occurrence and predictors of post stroke epilepsy. A prospective study and meta-analyses**  
Feruzjon Rakhimov (Uzbekistan)
- p0110**      **A patient with complex partial seizures and insulinoma**  
Magdalena Bosak (Poland)

# POSTERS

- p0111**      **Sleepless in Singapore – characterization of sleep-related seizures in a tertiary institution**  
Minna Sim (Singapore)
- 

## Adult Epileptology 3

- p0112**      **Focal and generalized epilepsy: which seizure-modulatory factors are most frequent?**  
Juliane Sauter Dalbem (Brazil)
- p0113**      **How common are exogenous modulators in epilepsy and migraine?**  
Juliane Sauter Dalbem (Brazil)
- p0114**      **Interleukins interictal data and tau-protein in patients with long-standing pharmaco-resistant epilepsy**  
Yevgeniya Lekomtseva (Ukraine)
- p0115**      **A pilot study on relationship between plasma haptoglobin and posttraumatic epilepsy**  
Hyungkook Park (Korea, Republic of)
- p0116**      **Audit of epilepsy healthcare provision in a large UK category B prison**  
Rachel Thomasson (United Kingdom)
- p0117**      **Eyelid myoclonia with absences of an old female**  
Zhang Meiyun (China)
- p0118**      **Neuronal autoantibodies are infrequently associated with mesial temporal lobe epilepsy with hippocampal sclerosis**  
Katia Lin (Brazil)
- p0119**      **Seizure associated with autoimmune encephalitis: seizure characterization, EEG manifestation, follow-up observation and prognostic factors**  
Wang Jianhong (China)
- p0120**      **Could adult temporal lobe epilepsy predict cognitive decline?**  
Vanesa Adell Ortega (Spain)
- p0121**      **Epilepsy and habitual physical activity in Brazil: a case-control study**  
Katia Lin (Brazil)

## Basic Science 1

- p0122**      **Sulfasalazine as a treatment for acquired epilepsy**  
Oscar Alcoreza (USA)
- p0123**      **Effect of low frequency stimulation of Schaffer collaterals on the electrophysiological properties of the CA1 pyramidal cells during epileptiform activity**  
Zahra Ghasemi (Iran, Islamic Republic of)
- p0124**      **The normative values of diffusion-weighted sequence of magnetic resonance imaging in healthy children**  
Dildora Aminova (Uzbekistan)
- p0126**      **Effect of chronic administration of krill oil in the expression of connexin 36 and 43 in the hippocampus of adult rats with generalized seizures induced by pentylenetetrazole and neonatal febrile seizures**  
Fridha Viridiana Villalpando Vargas (Mexico)
- p0127**      **Epigenetic regulation of functional networks in focal cortical dysplasia**  
Katja Kobow (Germany)
- p0128**      **Protective effects of potocatechuic acid (PCA) on seizure-induced neuronal death**  
Hong Ki Song (Korea, Republic of)
- p0129**      **Experimental model of epilepsy induced by intrahippocampal bethanechol chloride**  
José Cláudio da Silva (Brazil)

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## Basic Science 2

- p0130**      **Effect of lacosamide on epileptiform activity induced in human neocortical and hippocampal slices**  
Selvin Zacarias Reyes Garcia (Brazil)
- p0131**      **Nav1.2 is expressed in reelin-positive interneurons**  
Kazuhiro Yamakawa (Japan)

# POSTERS

- p0132**      **Assessment of serotonergic system in formation of memory and learning**  
José Cláudio da Silva (Brazil)
- p0133**      **Analysis of ion channel properties and rhythmic oscillatory activity in the thalamocortical system following demyelination**  
Rahul Chaudhary (Germany)
- p0134**      **Impaired baroreflex sensitivity after bilateral convulsive seizures in patients with focal epilepsy**  
Kevin Hampel (Spain)
- p0135**      **Increased expression of SNX27 in patients with temporal lobe epilepsy and a mouse model**  
Chao Du (China)
- p0136**      **Mitophagy in refractory temporal lobe epilepsy patients with hippocampal sclerosis**  
Mengqian Wu (China)
- p0137**      **Inhibition of glutamate decarboxylase (GAD) by ethyl ketopentenoate (EKP) induces treatment-resistant epileptic seizures in zebrafish**  
Yifan Zhang (Belgium)
- p0138**      **NR4A1 knockdown suppresses seizure activity by regulating surface expression of NR2B**  
Yanke Zhang (China)

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## Basic Science 3

- p0139**      **Physical exercise during pregnancy attenuates the negative effects of PTZ-induced seizures in offspring from mothers submitted to prenatal stress**  
Glauber Menezes Lopim (Brazil)
- p0141**      **New model of drug resistant seizures: validation, ABC transporters expression and seizure threshold evaluation**  
Andrea Enrique (Argentina)
- p0142**      **The role of the cholinergic system in animal models of temporal lobe epilepsy**  
Sebastian Meller (Germany)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0143**      **Regulation of MnSOD activity by Sirt3 against oxidative stress after prolonged status epilepticus**  
INJA Cho (Korea, Republic of)
- p0144**      **In vitro antineoplastic effects on human glioblastoma cells of lacosamide and brivaracetam**  
Marta Maschio (Italy)
- p0146**      **Anticonvulsant effect of electrical stimulation of the anterior thalamic nucleus on focal cortical seizure in rats**  
Alexei A. Shandra (Ukraine)
- p0147**      **Electroencephalographic features after intrahippocampal microinjection of bethanechol**  
José Cláudio da Silva (Brazil)
- p0148**      **Ablation of new-born granule cells after epilepsy onset halts disease progression**  
Steve Danzer (USA)
- p0149**      **Role of inter-ictal discharges: initiating or delaying seizures?**  
Jaroslav Hlinka (Czech Republic)

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### Basic Science 4

- p0150**      **Effects of Ro 53-1908 AND Ro 04-5595 intrahippocampal microperfusion on the picrotoxin seizure threshold in freely moving rats**  
Moisés Fernández-García (Spain)
- p0151**      **Simultaneous quantification of five neuroactive amino acids in different regions of rat brain by HPLC-FLD**  
Sandra Ventura (Portugal)
- p0152**      **The iPSC-derived neurons made by 2 unrelated protocols currently used for epileptic encephalopathy modelling reveal distinctive electrophysiology features**  
Filip Rosa (Germany)

# POSTERS

- p0153**      **Whole genome sequencing the genetic absence epilepsy rat from Strasbourg, its related non-epileptic strain and their F2 progeny**  
Pablo M. Casillas-Espinosa (Australia)
- p0154**      **The acute and long term toxicity of dextromethorphan in the developing brain**  
Jordan Richardson (USA)
- p0155**      **Anti-oxidant intervention during epileptogenesis delays disease onset and blocks its progression in a rat model of acquired epilepsy**  
Alessia Salamone (Italy)
- p0156**      **Analysis of effectiveness of Hippophae rhamnoides treatment on ion channel activity in animal model of post-traumatic epilepsy**  
Stanzin LadoI (India)
- p0157**      **Influence of gestational DLT exposure on seizure susceptibility and epileptogenesis in iron induced epilepsy model**  
Kamendra Kumar (India)
- p0159**      **Investigating the short-term effects of ketogenic medium-chain triglyceride (MCT) supplement on canine epilepsy in drug-non-responders**  
Benjamin-Andreas Berk (United Kingdom)
- p0160**      **Further evidence for a differential site of action of the anticonvulsants brivaracetam and levetiracetam on the SV2A protein**  
Martyn Wood (Belgium)
- 

## Clinical Neurophysiology 1

- p0161**      **Electroclinical features of non-lesional ESES/CSWS associated with genetic mutations**  
Elena Gardella (Denmark)
- p0163**      **Electrophysiological dysfunction in forensic patients with post-traumatic epilepsy**  
Ana Calzada-Reyes (Cuba)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0164**      **Electroclinic study of temporal epilepsy in Fann Teaching Hospital, DakarSenegal**  
Maouly Fall (Senegal)
- p0165**      **MRI abnormalities and EEG patterns of symptomatic epilepsy in children with brain anomalies**  
Khabibulla Aminov (Uzbekistan)
- p0166**      **Recruiting rhythm and clinically evident seizure pattern in benign infantile convulsions associated with mild gastroenteritis**  
Vasily Nogovitsyn (Russia)
- p0167**      **Focal EEG features and therapeutic response in patients with juvenile absence and myoclonic epilepsy**  
Giorgi Japaridze (Georgia)
- p0168**      **EEG as a prognostic tool for typical absence**  
Karim Tawfik (Egypt)
- p0169**      **Intracranial metallic body artifact in routine scalp EEG: a case series**  
Karim Tawfik (Egypt)
- 

### Clinical Neurophysiology 2

- p0170**      **Clinical and eeg features of patient with ictal EEG pattern**  
Akhmad Syahrir (Indonesia)
- p0171**      **A systematic review on diagnostic accuracy and clinical value of non-invasive long term video-EEG monitoring in pre-surgical evaluation of patients with epilepsy**  
Teia Kobulashvili (Austria)
- p0172**      **Rapid and accurate measurement of 3D positions of high-density EEG array: a pilot study in the clinical setting**  
Anders Bach Justesen (Denmark)
- p0173**      **Two patterns of 3Hz waveform of ictal EEG for child absence epilepsy**  
Meiyun Zhang (China)

# POSTERS

- p0174**      **Burst Suppression in full term neonates**  
Patricia Vilarinho (United Kingdom)
- p0175**      **Improving staff response to seizures on the Epilepsy Monitoring Unit with online EEG seizure detection algorithms**  
Nicole Rommens (Netherlands)
- p0176**      **Disturbances of reactivity of cerebral vessels in patients with posttraumatic epilepsy**  
Iuliia Iakubenko (Ukraine)
- p0177**      **Diagnosis of epileptic activity according EEG coherence**  
Tatiana Dokukina (Belarus)
- p0178**      **Diagnosis of epileptic activity according EEG coherence**  
Tatiana Dokukina (Belarus)
- p0180**      **Pattern of ictal intracerebral EEG at the start of alteration of consciousness**  
Nuria Campora (Argentina)

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## Clinical Neurophysiology 3

- p0181**      **Clinical use of polysomnography with epilepsy patients**  
Aylin Demir (Turkey)
- p0182**      **Research on retrospective EKG records of epilepsy patients who are undergone follow-up at the video EEG unit for arrhythmia**  
Ibrahim Bora (Turkey)
- p0183**      **Post traumatic epilepsy due to traumatic brain injury by traffic accidents in neurophysiological explorations Laboratory of Marrakesh University Hospital**  
Abderrahmane Chahidi (Morocco)
- p0184**      **Sleep related epilepsy in focal cortical dysplasia type II (FCD2): insights from sleep recordings**  
Christin Eltze (United Kingdom)
- p0185**      **Using MEG-virtual electrodes at depth electrode locations to characterize the seizure onset zone in refractory epilepsy patients**  
Erika Liliana Juarez-Martinez (Netherlands)

- p0186**      **Analysis of heart rate variation after electrical stimulation of the insula during SEEG**  
Alvaro Sanchez Larsen (Spain)
- p0187**      **Correlation between hypnagogic hypersynchrony variants and speech development delay in children**  
Nikolai Titov (Russia)
- p0188**      **Modified automatic R-peak detection algorithm for patients with epilepsy using a portable electrocardiogram recorder: first step of portable seizure detection**  
Jesper Jeppesen (Denmark)
- p0189**      **The impact of the EEG findings on the strategy of treatment in children with ADHD**  
Ilya Zaytsev (Russia)
- p0190**      **Tracking heart rate changes during seizures: a national study using ResearchKit and Apple Watch to collect biosensor and response data during seizures**  
Yaretson Ivan Carmenate (USA)

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## Comorbidities 1

- p0191**      **Epilepsy and sleep (case presentation)**  
Gina Doinita Vanghelie (Romania)
- p0192**      **Neurofibromatosis type I and epilepsy in Aydin province**  
Ali Akyol (Turkey)
- p0193**      **Effect of embelin in chronic epilepsy induced cognitive dysfunction in three-axis maze model of adult zebrafish**  
Uday Praful Kundap (Malaysia)
- p0194**      **Long term mortality risk of people with epilepsy who underwent seizure monitoring**  
Shishir Duple (India)
- p0195**      **Sleep disorders in epilepsy**  
Anna Voitiuk (Ukraine)

# POSTERS

- p0196**      **Bone metabolism serum markers in adult patients with epilepsy: effect of vitamin D supplementation on seizures control**  
Mario Tombini (Italy)
- p0197**      **Association between bone mineral density and use of antiepileptic drugs**  
Sarah Seberg Diemar (Denmark)
- p0198**      **Epilepsy treatment in patients with comorbid anxiety and depression: ethical, clinical and social aspects**  
Ekaterina P. Mikhailovska-Karlova (Russia)
- p0199**      **High prevalence of intellectual disability, autism, ADHD and diminished adaptive functioning in Doose syndrome (MAE)**  
Shan Tang (United Kingdom)
- p0200**      **Facial emotion perception in people with epilepsy: a systematic review with meta-analysis**  
Suncica Lah (Australia)

## Drug Therapy 1

- p0201**      **The actual mechanism by which phenytoin displays Michaelis-Menten kinetics**  
Pietro Fagiolino (Uruguay)
- p0202**      **Efficacy, safety and tolerability of lacosamide in adults with LGS in the clinical setting**  
René Andrade-Machado (Colombia)
- p0203**      **Adverse events are the main reason for non-adherence to pharmacological treatment of epilepsy in Brazil**  
Heloise Helena Siqueira (Brazil)
- p0204**      **Severe apnea in newborns exposed to lamotrigine in utero, two case reports**  
Tahir Yoldas (Turkey)
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- p0206**      **Use pattern and adverse drug reaction profile of newer and conventional antiepileptic drugs in a tertiary care hospital**  
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- p0222**      **Use of Cannabidiol (RSHO) in the treatment of refractory epilepsy (Lennox-Gastaut syndrome), experience of 38 cases**  
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- p0225**      **Effect of antiepileptic drugs on bone mineral density in paediatric epilepsy patients**  
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- p0243**      **Epidemiology in preclinical emergency care in epilepsy – validation of prehospital epilepsy emergency score (PEES)**  
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- p0244**      **Serotonin reuptake inhibitor use and mortality in epilepsy: findings from a contemporary linked electronic health records cohort study**  
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- p0246**      **The use of antiepileptic drugs in patients with epilepsy in the Kharkiv region of Ukraine according to the developed electronic registry**  
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- p0253**      **A national profile of neurodevelopmental disabilities in Canadian children: data from the National Longitudinal Study of Children and Youth**  
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- p0254**      **Incidence of acute symptomatic and unprovoked seizures, epilepsies and epilepsy syndromes in a cohort of children accessing government primary schools and organization of seizures and epilepsies using ILAE 2010 system: a study in South India**  
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- p0256**      **Incidence of sudden unexpected death in epilepsy in community-based cohort in China**  
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- p0257**      **Prevalence, treatment gap and misconceptions about epilepsy among general population in Ecuador**  
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- p0263**      **Drug and substance abuse in refractory epilepsy**  
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- p0266**      **Post-traumatic seizures in a rural Nigerian neurosurgical service**  
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- p0267**      **The role of trained community health volunteer in improving adherence in children with epilepsy in rural Kenya**  
Edwin Maraga (Kenya)
- p0268**      **Posterior reversible encephalopathy syndrome in acute childhood leukemia**  
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- p0269**      **Clinical features of seizures in HIV patients with toxoplasma encephalitis**  
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- p0275**      **Focal cortical dysplasia: seizure freedom and impact on quality of life after surgery**  
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- p0279**      **Epilepsy surgery in patients with genetic refractory epilepsy: a systematic review**  
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- p0280**      **Comparison in outcomes of dominant vs non-dominant temporal lobectomy for epilepsy**  
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- p0281**      **Long-term adjustment following epilepsy surgery: the impact of maintaining epilepsy as a part of identity**  
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- p0282**      **Presurgical evaluation and seizure outcome in MRI-negative intractable neocortical epilepsy**  
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- p0284**      **Integration of high density electroencephalogram source modelling in non-lesional refractory epilepsy for pre-surgical planning**  
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- p0285**      **Diagnostic and outcome after surgical treatment of temporal epilepsy in children**  
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- p0286**      **Difficulties of pre-surgical epilepsy diagnostic in a case of focal cortical dysplasia type IIIa**  
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- p0287**      **Surgical treatment of drug-resistant epilepsies**  
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- p0288**      **Indirect revascularization surgery in children with symptomatic epilepsy**  
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- p0289**      **Seizure-onset mapping based on time-variant multivariate functional connectivity analysis of high-dimensional intracranial EEG**  
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- p0292**      **Temporal lobe encephaloceles: a surgically treatable cause of drug resistant epilepsy**  
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- p0294**      **Outcome after corpus callosotomy in children with intractable epilepsy**  
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- p0296**      **Outcome and prognostic factors of epilepsy surgery in children with focal cortical dysplasia**  
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- p0297**      **Clinical outcomes of five patients implanted with a cardiac-based Vagus Nerve Stimulator (VNS)**  
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- p0298**      **Pre-surgical features and outcomes in children with focal cortical dysplasia**  
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- p0299**      **Evaluation the results of vagal nerve stimulation in patients with drug resistant epilepsy**  
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- p0305**      **Adjustment of focal epileptic seizures treatment depending on SCN1a genotyping-preliminary results**  
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- p0306**      **Early-onset epilepsy and severe cognitive impairment in six patients with the de novo p.Glu590Lys variant of CUX2**  
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- p0307**      **Less destructive and intronic SCN1A mutations are associated with partial epilepsy with antecedent febrile seizures**  
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- p0308**      **Ion channel gene and epilepsy: functional alteration, pathogenic potential and mechanism of epilepsy**  
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- p0309**      **Determining the burden of copy number variation in patients with epilepsy**  
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- p0310**      **Epigenetic changes in the hippocampus of an epilepsy model**  
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- p0311**      **Proteomic analysis of serum from patients with temporal lobe epilepsy**  
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- p0313**      **MR imaging in paediatric epilepsy patients with cerebral palsy**  
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- p0314**      **Magnetic resonance spectroscopy in the diagnosis of symptomatic epilepsy in children**  
Khabibulla Aminov (Uzbekistan)
- p0315**      **The features of computed tomographic studies in children with symptomatic epilepsy**  
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- p0320**      **Photosensitive epilepsy is associated with abnormal excitability of alpha rhythm generating networks**  
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- p0322**      **Is MTLE-HS a focal epilepsy syndrome? A diffusion tensor study**  
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- p0328**      **Altered structural correlation networks (SCN's) in cryptogenic localization-related epilepsy (CLRE) are associated with seizure frequency**  
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- p0329**      **Functional MRI of language and memory lateralisation to aid pre-surgical evaluation of paediatric epilepsy**  
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David Garnica (Colombia)
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- p0337**      **Rolandic epilepsy: relations between clinical features and executive functions**  
Natália Canário (Brazil)
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- p0339**      **Predictors of quality of life among adults with temporal lobe epilepsy**  
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- p0346**      **Examining relationships between memory scores and depression in epilepsy patients who undergo memory training**  
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- p0347**      **Sleepiness and cognitive performance of Brazilian patients with refractory mesial temporal lobe epilepsy**  
Katia Lin (Brazil)
- p0348**      **Cognitive and behavioural impulsivity in JME: a meta-analysis**  
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- p0349**      **The effects of seizures episodes on intellectual and episodic memory functioning in children and adolescents with tuberous sclerosis complex**  
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- p0351**      **Cognitive profile predicts outcome in patients treated with ANT DBS for refractory epilepsy**  
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- p0358**      **Automatic bad channels detection from intracranial EEG datasets using machine learning**  
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- p0359**      **Comparison of electrical stimulation responses to spontaneous neuronal avalanches in intracranially implanted epileptic patients**  
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- p0362**      **Posttraumatic epilepsy in children**  
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- p0363**      **Assessment cerebral posthypoxic structural changes on base of determination transient EEG patterns in preterm infants with very low birth weight**  
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- p0364**      **Long-term network effects of corpus callosotomy in patients with Lennox-Gastaut syndrome**  
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- p0365**      **Classification of neonatal seizures: the results from a recent test of the ILAE Commission on Classification & Terminology Proposed Neonatal Seizure Framework**  
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- p0367**      **The level of intelligence in children with epileptic encephalopathy**  
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- p0368**      **Recessive early onset epileptic encephalopathies**  
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- p0369**      **BDNF in children with epilepsy**  
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- p0370**      **Behavioural disturbances in children with epilepsy**  
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- p0372**      **The electroencephalography patterns in epileptic children with and without global developmental delay in Saiful Anwar General Hospital Indonesia**  
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- p0373**      **Scholar course of children and adolescents with an idiopathic epilepsy in Dakar**  
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- p0374**      **Two cases of epilepsy in Korean children with periventricular leukomalacia (PVL)**  
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- p0375**      **Evolution of West syndrome in Georgia, predictors of outcome**  
Ana Kvernadze (Georgia)
- p0376**      **Association between seizure frequency and fatigue levels in children with epilepsy**  
Hideaki Kanemura (Japan)
- p0377**      **Betamethasone in the treatment of West Syndrome**  
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- p0378**      **Use of cognitive interviews in the development of the caregiver impact scale for caregivers of children with epileptic encephalopathies**  
Dagmar Amtmann (USA)
- p0379**      **Fast (40-150 Hz) oscillations are associated with positive slow waves in the scalp ictal EEGs of epileptic spasms in West syndrome**  
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- p0380**      **SGCE mutation in a Chinese family with hyperekplexia**  
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- p0382**      **Clinical characteristics of paediatric provoked seizures during minor childhood infections**  
Mae Yue Tan (Singapore)
- p0383**      **Are EEGs indicated for elevated behaviours in children and young people with Epilepsy?**  
Charlotte Mount (United Kingdom)
- p0384**      **Ketogenic versus modified Atkins diet for paediatric epilepsy: a single centre experience from Singapore**  
Hian Tat Ong (Singapore)
- p0385**      **The impact of seizure onset age on cognitive outcome in children with Sturge-Weber syndrome**  
Aimee Luat (USA)
- p0386**      **Seizure outcomes of childhood epilepsy**  
Kari Modalsli Aaberg (Norway)
- p0387**      **Relationship between lateralization of fast waves and direction of head version in focal spasm**  
Soichiro Ishimaru (Japan)
- p0388**      **Chronic functional constipation causing recurrent “anal spasms”: a new epilepsy mimicker**  
Mohammed Jan (KSA)
- p0389**      **Clinical characteristics of seizure in patients with posterior reversible encephalopathy syndrome**  
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- p0390**      **Anoxic-epileptic seizures: new case reports**  
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- p0391**      **Ketogenic Diet Centre in Kazakhstan: how to create and to be effective**  
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- p0392**      **Serial changes in paroxysmal discharges in rolandic epilepsy may predict seizure recurrence: a retrospective 3 year follow-up study**  
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- p0393**      **Sleep problems and excessive daytime sleepiness in Korean children with epilepsy**  
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- p0394**      **Occipital lobe epilepsy secondary to ulegyria mimicking Gastaut type Benign occipital epilepsy: a case report**  
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- p0395**      **Atypical presentation of pyridoxine-dependent epilepsy revisited**  
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- p0396**      **West syndrome in Down syndrome infants**  
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- p0397**      **Etiology in childhood-onset temporal lobe epilepsy**  
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- p0398**      **Clinical and etiological features of childhood epilepsy at the Neuropediatric Unit in Senegal**  
Laïla Belarabi (Senegal)
- p0399**      **Alternating hemiplegia of childhood in a child misdiagnosed as intractable epilepsy**  
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- p0400**      **Reduced steroidogenesis in patients with PCDH19-female limited epilepsy**  
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# POSTERS

## Paediatric Epileptology 5

- p0401**      **Juvenile myoclonic epilepsy subsyndromes**  
Oleg Belyaev (Russia)
- p0402**      **Adjunctive treatment with pregabalin for partial onset seizures in paediatric patients: a randomized controlled trial**  
Jeremias Antinew (USA)
- p0403**      **Comparison of community based and hospital based epilepsy in children: a Cuban comparative study**  
Nicolás Garófalo Gómez (Cuba)
- p0404**      **Two cases of narcolepsy with unique cataplexy mimicking epileptic seizures on the long-term video electroencephalography**  
Tomoe Yanagishita (Japan)
- p0405**      **Familial predisposition in epileptic encephalopathy with continuous spike and wave during sleep: two cases from the same family**  
A. Destînâ Yalçın (Turkey)
- p0406**      **Problems of diagnostic and therapeutic management of juvenile myoclonic epilepsy**  
Olga Shilkina (Russia)
- p0407**      **Discussing SUDEP as part of standard paediatric epilepsy care: paediatric healthcare professional survey and literature review**  
Nadine McCrea (United Kingdom)
- p0408**      **Autistic epileptiform regression: clinical and encephalographic correlation**  
Maria Fomina (Russia)
- p0409**      **Continuous versus standard EEG in diagnosis of neonatal seizures in neonates receiving therapeutic hypothermia**  
Ulvi Vaher (Estonia)
- p0410**      **Risk factors for epilepsy in children in the Republic of Moldova**  
Cornelia Calcii (Moldova, Republic of)
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## Paediatric Epileptology 6

- p0411**      **Evaluation of minor neurological dysfunctions and mental skills in children with rolandic epilepsy**  
Yagmur Cam (Turkey)
- p0412**      **Epilepsy in autism spectrum disorder: a long-term electroclinical analysis of 36 cases**  
Serena Pellegrin (Italy)
- p0413**      **Apolipoprotein E – potential biomarker in epilepsy**  
Monika Kukuruzovic (Croatia)
- p0414**      **Efficacy and tolerability of perampanel (PER) add-on therapy in children with refractory focal epilepsies**  
Marina Nikanorova (Denmark)
- p0415**      **Ictal and peri-ictal cardiorespiratory abnormalities in paediatric seizures: possible relation with SUDEP?**  
Giovanna Randazzo (Italy)
- p0416**      **Evaluation of interleukins levels (IL) in children with epileptic encephalopathies treated with adrenocorticotrophic hormone (ACTH) by the Central League Against Epilepsy (LICCE), 2013-2015, Bogotá (Colombia)**  
Diana Carol Benitez Ramirez (Colombia)
- p0417**      **A patient with malignant migrating partial seizures of infancy considered to be associated with SCN2A mutation**  
Tetsuo Ohyama (Japan)
- p0418**      **Electroencephalographic and diffusion tensor imaging changes in idiopathic epileptic children imane**  
Imane Yassine (Egypt)
- p0419**      **Childhood absence epilepsy, cognitive outcome**  
Inna Shchederkina (Russia)
- p0420**      **EEG normalization in benign partial epilepsy of childhood with centro-temporal spikes**  
Pilar Pamplona-Valenzuela (Spain)

# POSTERS

## Psychiatry 1

- p0421**      **Risk of suicide, affective dysphoric disorders and quality of life perception in patients with focal refractory epilepsy**  
Arlety García Espinosa (Colombia)
- p0422**      **A person-centered intervention enhances the sense of self-efficacy in patients with epilepsy: a qualitative interview-study**  
Rosa Michaelis (Germany)
- p0423**      **Study of personality traits of Japanese patients with epilepsy using NEO-PI-R and BDI-II**  
Mitsutoshi Okazaki (Japan)
- p0424**      **A study on bidirectional relationship between epilepsy and depression**  
Masumi Ito (Japan)
- p0425**      **Effects of lamotrigine on cognitive function and mood in patients with epilepsy**  
Tsugiko Kurita, Hokkaido (Japan)
- p0426**      **Psychotic states in Lennox-Gastaut syndrome**  
Shingo Yasumoto (Japan)
- p0427**      **Another look at the Milgram experiments: attempt to isolate social psychological factors, forces of double bind, removal of which can decrease psychogenic non-epileptic seizures and may be crucial in successful treatment**  
Fumisuke Matsuo (USA)
- 

## Social Issues 1

- p0428**      **Knowledge, attitude and practice of primary school teachers towards epilepsy in Omdurman, Khartoum state 2016**  
Saria El-Amin (Sudan)
- p0429**      **Attitudes towards epilepsy and perceived stigma among a sample of patients with epilepsy in North-Eastern Iran**  
Ali Ghabeli Juibary (Iran, Islamic Republic of)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0430**      **Patient career involved care**  
Karim Tawfik (Egypt)
- p0431**      **Sports in purple**  
Norma Hernández (Mexico)
- p0432**      **School-aged children and parents' experiences of epilepsy and care: a qualitative study**  
Rebecca E.P. Black (United Kingdom)
- p0433**      **Defining quality of long-term epilepsy care: values from patients' perspectives**  
In Tan (Netherlands)
- p0434**      **The stigma of epilepsy from the perspective of patients with epilepsy and people from the Italian community**  
Mario Tombini (Italy)
- p0435**      **"I think she is bewitched" Siblings' experiences of living with an epileptic brother or sister in a rural community in Limpopo Province South Africa**  
Georgina Tukiso Moloantoa (South Africa)
- p0436**      **Epilepsy, stigma and family**  
Gloria Maria Tedrus (Brazil)
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### Status Epilepticus 1

- p0437**      **Hypocapnea with mechanical ventilation and poor outcome of refractory status epilepticus**  
Bong Su Kang (Korea, Republic of)
- p0438**      **Mortality of status epilepticus in a Colombian hospital**  
Lady Diana Ladino (Colombia)
- p0439**      **Improved outcome on early immunotherapy in new onset refractory status epilepticus (NORSE). Experience in Qatar**  
Gayane Melikyan (Qatar)

# POSTERS

- p0440**      **New-onset refractory status epilepticus – case report and review of the literature**  
Hoe Chin Chua (Singapore)
- p0441**      **Decreased allopregnanolone levels in cerebrospinal fluid of patients with status epilepticus**  
Giulia Monti (Italy)
- p0442**      **Status epilepticus: clinical features, etiology, treatment and outcome in Senegal**  
Daniel Gams Massi (Senegal)
- p0443**      **Prognostic factors of cefepime-induced encephalopathy**  
Han-Tao Li (Taiwan, Republic of China)
- p0444**      **Efficacy and safety of perampanel oral loading in post-anoxic super-refractory status epilepticus: a case series**  
Simone Beretta (Italy)
- p0445**      **Paraneoplastic limbic encephalitis or status epilepticus-induced structural changes: a case report**  
Duygu Aksoy (Turkey)
- p0446**      **Aphasic status epilepticus and herpetic encephalitis: an association difficult to diagnose**  
Sara Pérez Pereda (Spain)
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## Women's Issues 1

- p0447**      **Sexual disorders in women with epilepsy**  
Nilufar Rashidova (Uzbekistan)
- p0448**      **Monitoring of pregnancy in epileptic women**  
Gina Doinita Vanghelie (Romania)
- p0449**      **Pharmacokinetic variability of valproate in women with epilepsy during pregnancy**  
Cecilie Johannessen Landmark (Norway)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0450**      **Women with catamenial epilepsy: update and importance of clinical, neurological and neurotransmitter alterations**  
Yevgeniya Lekomtseva (Ukraine)
- p0451**      **Miscarriages in pregnant women with epilepsy: findings from the MONEAD study**  
Kimford J. Meador (USA)
- p0452**      **The influence of ethnic background on participation and pregnancy outcomes in the Australian Pregnancy Register**  
Nanya Hao (Australia)
- p0453**      **Women with epilepsy in Kazakhstan: problems and strategy for improving care**  
Leila Dairbayeva (Kazakhstan)
- p0454**      **Efficacy of consulting women with epilepsy concerning pregnancy related knowledge. Results from an internet based survey in German speaking countries**  
Carolin Dierking (Germany)
- p0455**      **A cross-sectional study among women with epilepsy attending the Neurology Referral Clinic in Black Lion Hospital, Addis Ababa, (Ethiopia)**  
Hanna Belay, (Ethiopia)

# POSTERS

MONDAY 4<sup>th</sup> SEPTEMBER

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## Adult Epileptology 4

- p0456**      **Is it true refractory epilepsy or not: follow up of patients in tertiary epilepsy unit**  
Gulnihal Kutlu (Turkey)
- p0457**      **Juvenile myoclonic epilepsy: long-term prognosis and treatment withdrawal**  
Alejandro Vilorio Alebesque (Spain)
- p0458**      **Our experience working in the Video EEG Unit Hospital El Cruce, Néstor Kirchner**  
Brenda Giagante (Argentina)
- p0459**      **Seizure semiology versus subjectivity: a linguistic approach to understanding focal aware seizures**  
Jennifer Sanchez-Davies (United Kingdom)
- p0460**      **Seizure as a stroke mimic: frequency, characteristics and results of neuroimaging**  
Soo Jeong Kim (Korea, Republic of)
- p0461**      **Neuronal antibodies in epilepsy patients with refractory seizures**  
Sibel Velioglu (Turkey)
- p0462**      **Clinical evaluation of wearable apnoea detection device**  
Ana Bartmann (United Kingdom)
- p0463**      **A case report of adult Dyke-Davidoff-Masson syndrome: a rare cause of refractory epilepsy**  
Zhongyuan Wang (China)
- p0464**      **Epilepsy in Familial CLIPPERS syndrome**  
Atchayaram Nalini (India)
- p0465**      **Symptomatic epilepsy in patients with developmental venous anomalies**  
Diana Dmitrenko (Russia)

- p0466**      **Syncope patients who had been treated as epilepsy**  
Yuji Ito (Japan)
- p0467**      **Clinical characteristics and semiological findings of patients with psychogenic non-epileptic seizures (PNES)**  
Bárbara Rosso (Argentina)

## Adult Epileptology 5

- p0468**      **EEG features of typical absence seizures in patients with idiopathic generalized epilepsy**  
Demet Kinay (Turkey)
- p0469**      **Long-term prognosis of photogenic epilepsy**  
Aida Garcia Rua (Spain)
- p0470**      **Performance Cognitive Potential P300 in idiopathic and symptomatic forms of epilepsy in Tashkent**  
Shokhida Gazieva (Uzbekistan)
- p0471**      **Benefits of sport practice on health perception of people with epilepsy and sport professionals**  
Álvaro Martín Matamala (Spain)
- p0472**      **Epilepsy and neurocysticercosis in Democratic Republic of Congo: clinical and neuroimaging features in Lubumbashi**  
Marcellin Bugeme (Senegal)
- p0473**      **Process evaluation of a multi-component self-management intervention for adults with epilepsy (ZMILE study)**  
Loes Leenen (Netherlands)
- p0474**      **Aerobic physical exercise program can improve quality of life in patients with temporal lobe epilepsy**  
Nathalia Volpato (Brazil)
- p0475**      **Acute symptomatic seizures and prognosis in toxic-metabolic encephalopathy: retrospective analysis with consecutive 382 cases**  
Kang Min Park (Korea, Republic of)

# POSTERS

- p0476**      **Can we predict drug response by global connectivity in newly diagnosed epilepsy?**  
Hyung Chan Kim (Korea, Republic of)
- p0477**      **Neuropathological study of massive subcortical heterotopia: report of 4 cases**  
Yue-Shan Piao (China)
- p0478**      **Effects of statin therapy on the circulatory markers for vascular risk in epilepsy patients**  
Jae Hyun Jin (Korea, Republic of)
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## Basic Science 5

- p0479**      **Online hydrogen peroxide measurement during oxidative stress generated by seizure activity using a high temporal resolution technique**  
Kenia Pardo-Peña (Mexico)
- p0480**      **Brain energetics and neuropsychological functioning of drug resistant mesial temporal lobe epilepsy patients**  
Katia Lin (Brazil)
- p0481**      **Different physical exercise models alter the cytokines levels in the hippocampus of rats with epilepsy**  
Ricardo Mario Arida (Brazil)
- p0482**      **Overexpression of ephb4 induces neuronal differentiation of human embryonic neural stem cells in vitro**  
Fang Ling Sun (China)
- p0483**      **The effect of cannabidiol (CBD) on human CNS-expressed voltage-gated sodium channels**  
Nicholas A. Jones (United Kingdom)
- p0484**      **An integrative analysis of genome-wide profiling of DNA methylation and gene expression in focal cortical dysplasia**  
Devina Sharma (India)
- p0486**      **shRNA-mediated gene silencing of EPHB4 impaired proliferation and differentiation towards a neuronal lineage in hNSCS**  
Wen Wang (China)

## Basic Science 6

- p0487**      **Permittivity coupling noise impacts the seizure dynamics in partial epilepsy**  
Daqing Guo (China)
- p0488**      **Post-status epilepticus behavioural alterations in rats: association with chronic epilepsy and modulation by endocannabinoid receptor activation**  
Elena M. Suleymanova (Russia)
- p0489**      **AMPA receptor antagonism in mitochondrial epilepsy: a potential therapeutic target?**  
Felix Chan (United Kingdom)
- p0490**      **Regulating roles of pallido-cortical pathway on SWDs of absence seizures rats**  
Yang Xia (China)
- p0492**      **Multifaceted role of interictal discharges in ictogenesis**  
Premysl Jiruska (Czech Republic)
- p0493**      **Inhibition of mTOR pathway by rapamycin decreases P-glycoprotein expression and spontaneous seizures in pharmacoresistant epilepsy**  
Xiaosa Chi (China)
- p0494**      **Rapid focal cooling terminates cortical epilepsy on monkeys**  
Xiaofeng Yang (China)
- p0495**      **Cell count of hippocampal GABAergic interneurons in a knock-in alternating hemiplegia of childhood mouse model**  
Elie Abdelnour (USA)
- p0496**      **Evaluation of the variations in REST/NRSF expression in patients with temporal lobe epilepsy**  
Victor Navarrete-Modesto (Mexico)
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# POSTERS

## Basic Science 7

- p0497**      **Behavioural, EEGraphic and chemical characterization of the anticonvulsant effects of the predator odor (TMT) in the fast electrical kindling model of temporal lobe seizures**  
Norberto Garcia-Cairasco (Brazil)
- p0498**      **Pharmacological characterization of hamster GASH: Sal. Chronic effects of antiepileptic drugs in the genetic audiogenic seizure**  
Consuelo Sancho (Spain)
- p0499**      **Photolysis of RuBi-GABA rapidly terminates seizures in vivo: dose- and light intensity-dependence**  
Xiaofeng Yang (China)
- p0501**      **Alteration of serum glutamate level in male adults with drug resistant epilepsy**  
Wei Wang (China)
- p0502**      **Different mossy fiber sprouting patterns in ILAE hippocampal sclerosis types**  
Thomas Freiman (Germany)
- p0503**      **Caffeine maintains arousal level and prevents change of electroencephalogram spectra powers**  
Howon Lee (Korea, Republic of)
- p0504**      **Anxiety and sleep disturbances are associated with subclinical seizures in acute posttraumatic period in rats**  
Iliia Komoltsev (Russia)
- p0505**      **PET imaging of type 1 cannabinoid receptor availability and cerebral glucose metabolism during temporal lobe epileptogenesis**  
Evy Cleeren (Belgium)
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## Clinical Neurophysiology 4

- p0506**      **Clinical characteristics and ictal EEG findings of childhood and juvenile absence epilepsy in Algiers**  
Walid Abdellaoui (Algeria)
- p0507**      **Polysomnographic sleep characteristics of the psychogenic non-epileptic seizures**  
Hikmet Yilmaz (Turkey)
- p0508**      **Role of quantitative EEG to identify nonepileptic events at the bedside**  
Ajay Goenka (USA)
- p0509**      **Comparing sensitivity of quantitative EEG(QEEG) spectrograms in various seizure subtypes**  
Elissa Yozawitz (USA)
- p0510**      **Interictal very fast ripples (500-1000 Hz) and ultra-fast ripples (1-2 kHz): novel biomarkers of the epileptogenic zone**  
Milan Brazdil (Czech Republic)
- p0511**      **Towards operational definition of postictal stage: spectral entropy as a marker of seizure ending**  
Ancor Sanz-Garcia (Spain)
- p0512**      **Potentially pathological forms of alpha-activity in patients with refractory epilepsy**  
Nastasia Arkhipova (Russia)
- p0513**      **Detection of recurrent activation patterns in focal seizures and application to seizure-onset identification**  
Adrià Tauste Campo (Spain)
- p0514**      **The electroencephalographic and electrocardiographic effect of intravenous lacosamide in refractory focal epilepsy**  
Chin-Wei Huang (Canada)
- p0515**      **Consequence of TBI – chronotopology of epileptogenesis and surgical treatment for posttraumatic temporal epilepsy**  
Svetlana Kravtsova (Russia)

# POSTERS

- p0516**      **Evaluation of visual habituation in juvenile myoclonic epilepsy patients**  
Demet Ilhan Algin (Turkey)
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## Clinical Neurophysiology 5

- p0517**      **Can sleep recordings replace standard EEG?**  
Pirgit Meritam (Denmark)
- p0518**      **A girl who presented with simple partial seizures of insular origin with marked hypersalivation: a MEG study**  
Keiko Yanagihara (Japan)
- p0519**      **Non-contact video detection of tonic-clonic seizures in a residential care setting**  
Evelien Geertsema (Netherlands)
- p0520**      **Transient epileptic amnesia: a challenging diagnosis, pitfalls and key features**  
Jacopo Lanzone (Italy)
- p0521**      **Levetiracetam induced Mu rhythm status and cyclic insomnia**  
Samar Abbas (Lebanon)
- p0522**      **Heart rate changes at the onset of seizures in adult patients with intractable temporal lobe epilepsy**  
Andrzej Rysz (Poland)
- p0523**      **Positive 14-3-3 protein in a myoclonic state and hyponatremia**  
Nicoletta Brunelli (Italy)
- p0524**      **Usefulness of video-EEG (vEEG) monitoring in patients with epileptic encephalopathy. Retrospective review of 72 patients**  
Noelia Chamorro (Argentina)
- p0525**      **A study of tuberous sclerosis with new hybrid intracranial micro-macroelectrodes**  
Elodie Despouy (France)
- p0526**      **Single word production and semantic processing in temporal lobe epilepsy**  
Anna Yurchenko (Russia)

- p0527**      **Identification of high-frequency oscillations (HFOs) in paediatric intracranial EEG by means of kurtosis-based time-frequency analysis**  
Lucia Rita Quitadamo (United Kingdom)
- p0528**      **A study of praxis-induced seizures in juvenile myoclonic epilepsy**  
Belén Abarrategui (Spain)
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## Clinical Neurophysiology 6

- p0529**      **Modeling of intracerebral interictal epileptic discharges: evidence for network interactions**  
Pauly Ossenblok (Netherlands)
- p0530**      **Tuning decision thresholds for active/rest periods significantly improves seizure detection algorithm performance: an evaluation using Embrace Smartwatch on outpatient settings**  
Chiara Caborni (Italy)
- p0531**      **Efficacy and safety of a video-EEG protocol for genetic generalized epilepsies**  
Ana Carolina Zetehaku (Brazil)
- p0532**      **Intraoperative hippocampal spikes and HFO in hippocampal sparing temporal lobe lesionectomy for drug resistant epilepsy**  
Hsiang-Yu Yu (Taiwan, Republic of China)
- p0533**      **Non-evolving periodic discharges and external stimuli reactivity relevance**  
Júlia Miró (Spain)
- p0534**      **Diagnostic yield of early electroencephalogram after first unprovoked seizure**  
Lai-Wah Eva Fung (Hong Kong)
- p0535**      **Babel effect: a new tool for source analysis, a comparison with coherence and an example application in invasive EEG and epilepsy**  
Alessandro Principe (Spain)
- p0536**      **Localizing non-epileptic abnormal brain function in children using high density EEG (hdEEG): electric source imaging of focal slowing**  
Sara Baldini (Switzerland)

# POSTERS

- p0537**      **Non-invasive detection of fast ripples in low-noise EEG recordings**  
Ece Boran (Switzerland)
- p0538**      **Seizure onset zone connectivity during wakefulness and sleep studied through single pulse electrical stimulation during SEEG recordings**  
Anca Adriana Arbune (Romania)
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## Comorbidities 2

- p0539**      **Most common comorbidities in patients with epilepsy in Belgium (2010-2014)**  
Rudy Van Tielen (Belgium)
- p0540**      **Impact of canine epilepsy on cognitive dysfunction**  
Rowena Mary Anne Packer (United Kingdom)
- p0541**      **Expression pattern of calbindin immunoreactive in temporal neocortex of patients with resistant temporal lobe epilepsy and comorbid depression**  
Andres Acuña (Argentina)
- p0542**      **Epilepsy and neuromuscular disorders**  
Atchayaram Nalini (India)
- p0543**      **Brain activity continues during postictal EEG suppression in intracranial and scalp recordings**  
Lisa M. Bateman (USA)
- p0544**      **Somnambulism and sleep paralysis: high prevalence in families with genetic generalized epilepsy**  
Diana Marcela Cornejo-Sánchez (Colombia)
- p0545**      **Bone Health in epileptic patients treated with carbamazepine or eslicarbazepine acetate, a prospective comparative study**  
Merce Falip (Spain)
- p0546**      **PACES-V: Adapting consumer-driven epilepsy self-management for United States military veterans**  
Erica K. Johnson (USA)

- p0547**      **Program for active consumer engagement in self-management: findings and new directions**  
Robert T. Fraser (USA)
- p0548**      **Epilepsy and sleep apnea syndrome**  
Zeineb Brahem (Tunisia)
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## Drug Therapy 5

- p0549**      **Urinary and fecal incontinence during levetiracetam therapy**  
Faruk Incecik (Turkey)
- p0550**      **The efficacy of perampanel in refractory status epilepticus**  
Troels Wesenberg Kjaer (Denmark)
- p0551**      **Patients' view of adverse effects of antiepileptic drugs: a comparison between a tertiary centre for epilepsy and a county hospital in Norway**  
Maren Lima (Norway)
- p0552**      **Real-world data on antiepileptic drugs used in epilepsy treatment in 2010 and 2014**  
Rudy Van Tielen (Belgium)
- p0553**      **Impact of everolimus treatment on quality of life (QoL) in patients with tuberous sclerosis complex (TSC) who have refractory partial-onset seizures in the context of an interventional clinical trial (EXIST-3)**  
Rima Nabbout (France)
- p0554**      **Comparative efficacy of early use of perampanel as adjunctive therapy for epilepsy (practical clinical experience)**  
Nataliya Perunova (Russia)
- p0555**      **The effect after Government-guiding introduction of HLA-B\*1502 screening test in Taiwan**  
Yuanfu Tseng (Taiwan, Republic of China)
- p0556**      **Antiepileptic drug use for non-epilepsy indications in pregnant women: pregnancy outcomes**  
Dana Jazayeri (Australia)

# POSTERS

- p0557**      **Comparison of seizure outcome in patients with West syndrome after extremely low-dose adrenocorticotrophic hormone therapy**  
Naho Matsushima (Japan)
- p0558**      **Behavioural effects of Levetiracetam in patients with epilepsy. Who is likely to have them and how much**  
Parampreet Kharbanda (India)
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## Drug Therapy 6

- p0560**      **The impact of perampanel treatment on quality of life and psychiatric symptoms in patients with drug-refractory focal epilepsy**  
Flavio Villani (Italy)
- p0561**      **Lacosamide use in idiopathic primary generalized epilepsy**  
Oguz Osman Erdinc (Turkey)
- p0562**      **Overview of the safety and tolerability of eslicarbazepine acetate in elderly versus non-elderly patients with partial-onset seizures**  
Luís Magalhães (Portugal)
- p0563**      **Efficacy and tolerability of lacosamide as add-on treatment in patients with refractory epilepsy and intellectual disability**  
Torleiv Svendsen (Norway)
- p0564**      **De novo multifocal myoclonus induced by lamotrigine in a temporal lobe epilepsy case**  
Lorenzo Ricci (Italy)
- p0565**      **Adjunctive perampanel in patients with drug-resistant partial seizures with and without concurrent VNS therapy in phase III studies**  
Pavel Klein (USA)
- p0566**      **Eslicarbazepine acetate (ESL) in treatment of childhood focal epilepsy**  
Mette Larsen (Denmark)
- p0567**      **Causes of Perampanel (PER) withdrawal in children and young adults with drug resistant epilepsy: a single centre experience**  
Matteo Cataldi (Italy)

- p0568**      **Efficacy and safety of perampanel in real world setting: an initial experience in adults with uncontrolled focal epilepsy at Singapore General Hospital**  
Shih-Hui Lim (Singapore)
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## Drug Therapy 7

- p0569**      **Effects of maternal epilepsy and antiepileptic therapy in women during pregnancy**  
Bakhtigul Kholmuratova (Uzbekistan)
- p0570**      **Efficacy and tolerability of perampanel in adults with epilepsy from a medical centre in Taiwan: an initial real-world experience**  
Tony Wu (Taiwan, Republic of China)
- p0571**      **A common reference-based indirect comparison meta-analysis of new generation antiepileptic drugs as monotherapy treatments for newly-diagnosed focal-onset seizures**  
Francesco Brigo (Italy)
- p0572**      **Gender differences in safety of antiepileptic drugs**  
Roza Shaimardanova (Russia)
- p0573**      **Social cognition of children exposed to antiepileptic drugs in utero**  
Yfke Huber-Mollema (Netherlands)
- p0574**      **Neurocognitive development of children prenatal exposed to antiepileptic drugs: preliminary results of the Dutch prospective observational study EURAP & Development (NL)**  
Yfke Huber-Mollema (Netherlands)
- p0575**      **Effects of eslicarbazepine acetate on lipid metabolism profile and sodium values: a retrospective study in our patients**  
Patrizia Pulitano (Italy)
- p0576**      **Efficacy of perampanel in severe refractory epilepsies: clinical experience in 2 patients with malformations of cortical development**  
Edoardo Ferlazzo (Italy)

# POSTERS

- p0577**      **Perampanel in routine clinical use across Europe: pooled observational studies**  
Alexandra Rohracher (Austria)
- p0578**      **Use of eslicarbazepine in children and adolescents with refractory epilepsy at two National Epilepsy Centres (Denmark) and Norway**  
Arton Baftiu (Norway)
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## Drug Therapy 8

- p0579**      **National consensus statement for the management of patients with generalized tonic-clonic seizures**  
Antonio Gil-Nagel (Spain)
- p0580**      **Treatment with anesthetic anticonvulsive drugs in status epilepticus. Beneficial or harmful?**  
Juliane Redecker (Germany)
- p0581**      **Development of BIS-001 ER for the treatment of adult and childhood intractable epilepsies**  
Stephen Collins (USA)
- p0582**      **Stevens-Johnson syndrome prevalence due to antiepileptic drug therapy at Aydin province**  
Ali Akyol (Turkey)
- p0583**      **Efficacy and tolerability of lacosamide in elderly epileptic patients**  
Angela La Neve (Italy)
- p0584**      **Additional effects of perampanel**  
Galina Odintsova (Russia)
- p0585**      **Comparative study about effects of dibenzazepines over lipid metabolism profile, sodium values, liver function tests and blood cell count**  
Miguel Ley Náchter (Spain)
- p0586**      **Oligohydrosis as adverse effect of zonisamide**  
Jeyong Son (Korea, Republic of)

- p0587**      **Aggravation of seizures by ampicillin / sulbactam in an elderly patient with status epilepticus**  
Kaoru Obata (Japan)
- p0588**      **Efficacy and tolerability of perampanel in Thai children and adolescents with intractable epilepsy**  
Chaiyos Khongkhatithum (Thailand)
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## Drug Therapy 9

- p0589**      **Is carbamazepine effective in the treatment of juvenile myoclonic epilepsy?**  
Yu Kitazawa (Japan)
- p0590**      **Effect of adjunctive perampanel on myoclonic and absence seizures: a post hoc analysis**  
Christian Brandt (Germany)
- p0591**      **Adjunctive perampanel in patients with partial seizures or primary generalized tonic-clonic seizures (PGTCS): post hoc analysis of the effect of age at diagnosis**  
Lynn Kramer (USA)
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- p0600**      **The epidemiology of febrile seizures in South Korea based on the national health insurance service-national sample cohort, 2002-2013**  
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- p0617**      **The use and abuse of EEG interpretation in a developing medical society**  
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- p0635**      **Functional left-sided hemispherectomy in adult patients with refractory epilepsy and preserved speech: neuropsychological outcome**  
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- p0636**      **The high-frequency out-strength directs the neurosurgeon to the epileptogenic tissue**  
Willemieke Zweiphenning (Netherlands)
- p0637**      **High frequency oscillations in the pre-operative ECoG recorded at macro- and micro-scale**  
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- p0642**      **Congruence of seizure onset patterns and single pulse electrical stimulation (SPES) for improving the outcome of epilepsy surgery**  
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- p0644**      **Mild malformation of cortical development as a substrate for MRI-negative temporal epilepsy**  
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- p0645**      **Determinants of intellectual outcome after focal epilepsy surgery in children**  
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- p0646**      **Surgical treatment of focal cortical dysplasia in children with intractable epilepsy**  
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- p0647**      **Endoscopic disconnection of hypothalamic hamartoma in children and adults with drug resistant epilepsy: technique and results regarding a population of 126 patients**  
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- p0649**      **Functional studies of SCN1A mutations**  
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- p0650**      **Diagnostic yield of „home-made EIEEs genes panel” – our new diagnostic experience**  
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- p0653**      **A study comparing proteomic profiles obtained from microdissected dentate gyrus from two different animal models of mesial temporal lobe epilepsy**  
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- p0655**      **Early-onset epileptic encephalopathy with mutations in the KCNA2 gene**  
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- p0659**      **The identification for pharmacogenetic biomarkers in the treatment of epilepsy**  
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- p0661**      **Male patients affected by mosaic PCDH19 mutations: 5 new cases**  
Marjan van Kempen (Netherlands)
- p0662**      **PCDH19 mosaic mutation in a male patient with Lennox-Gastaut syndrome**  
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- p0663**      **Use of epilepsy gene panels for early diagnosis of epilepsy in children 2-4 years of age: expert considerations on current and future practices in Europe**  
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- p0664**      **A novel centromere protein F mutation in a paediatric patient with presentation of motor and mental retardation, microcephaly and drug-resistant epilepsy**  
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- p0665**      **A novel mutation of the inositol 1,4,5-triphosphate receptor type 1 gene in dizygotic twin brothers with refractory epilepsy**  
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- p0667**      **ME2 gene influences susceptibility to genetic generalized epilepsy: evidence from cosegregation, genetic association and gene expression studies is compelling**  
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- p0669**      **The brain functional alteration in new-onset BECT patients and whole brain causal relationship analysis**  
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- p0671**      **Mapping of temporal lobe language regions using visual and auditory naming stimuli: a language fMRI study in temporal lobe epilepsy**  
Karin Trimmel (United Kingdom)
- p0672**      **Semantic verbal memory outcome after surgery in drug refractory epilepsy: an fMRI based study**  
Kapil Chaudhary (India)
- p0673**      **Specific MR-imaging patterns of neuronal-glia tumours associated with focal epilepsy in children**  
Varis Khalilov (Russia)
- p0674**      **Network changes in patients with temporal lobe epilepsy based on hippocampal sclerosis**  
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- p0675**      **Brain functional connectivity in sleep-related hypermotor epilepsy**  
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- p0676**      **Partial volume corrected PET shows progressive focal hypometabolism associated with temporal lobectomy outcome**  
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- p0677**      **'Imaging' memory in temporal lobe epilepsy-validation of 'within-scanner' material specific encoding-recall paradigms during memory task-based functional magnetic resonance imaging (fMRI)**  
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- p0680**      **Contribution of the values of mean diffusion and anisotropic diffusion to diagnosis in patients with childhood absence epilepsy**  
Erhan Bayram (Turkey)
- p0681**      **Pre-surgery evaluation of epilepsy using Technetium-99m (99mTc) in SPECT/CT: a case report**  
Jessica Gomide Pereira (Brazil)
- p0682**      **Multi-modal brain imaging software for guiding invasive treatment of epilepsy**  
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- p0683**      **FDG PET in focal cortical dysplasia – correlation with ictal EEG, MRI and post-surgical outcome**  
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- p0684**      **Interactions between default mode network and memory performance in patients with temporal lobe epilepsy and controls**  
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- p0685**      **Antiepileptic medications modulate functional connectivity in mesial temporal lobe epilepsy**  
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- p0686**      **Characteristics of seizure-induced signal changes on MRI in patients with first seizures**  
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- p0687**      **Perictal magnetic resonance in status epilepticus**  
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- p0689**      **Indication of developmental coordination disorder in children with rolandic epilepsy and their siblings**  
Stuart Smith (United Kingdom)
- p0690**      **An emerging neuropsychological issue of temporal lobe epilepsy: social cognition**  
Anna Rita Giovagnoli (Italy)
- p0691**      **How are executive functions in patients with generalized idiopathic epilepsy (GIE)?**  
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- p0692**      **Can we predict the focus side of temporal lobe epilepsy in memory evaluation of the WADA test?**  
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- p0693**      **Behavioural remediation of accelerated long-term forgetting**  
Laurie Miller (Australia)
- p0694**      **The transition of knowledge of epilepsy during transition**  
Jacqui Vinten (United Kingdom)
- p0695**      **Long-term forgetting in children with genetic generalised epilepsy: the temporal trajectory and contribution of executive skills**  
Samantha Joplin (Australia)
- p0696**      **Language outcome following dominant hemisphere laser ablation surgery for the treatment of medically refractory epilepsy**  
Maya Pinjala (USA)
- p0697**      **A systematic evaluation of cognitive rehabilitation for memory impairment in patients with epilepsy**  
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- p0698**      **Specificities of neuropsychological changes in ethnic Kyrgyz people with idiopathic epilepsy permanently living in rural and urban area**  
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- p0700**      **Safety and Efficacy of VNS Therapy® in a population based study in France**  
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- p0701**      **High-frequency burst vagal nerve simulation therapy in a natural primate model of genetic generalized epilepsy**  
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- p0702**      **Causal or casual? Report of three patients with trigeminal pain and vagus nerve stimulator**  
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- p0703**      **Transcutaneous and invasive vagal nerve stimulations engaged the same neural pathways: in vivo human evidence**  
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- p0704**      **Clinical outcomes of VNS therapy with AspireSR at a large UK Complex Epilepsy and Surgery Centre**  
Preci Hamilton (United Kingdom)
- p0705**      **Cathodal transcranial direct current stimulation reduces seizure frequency and modulates brain functional connectivity in drug-resistant temporal lobe epilepsy: a sham controlled study**  
Giovanni Assenza (Italy)
- p0706**      **A single centre study comparing the effectiveness of the AspireSR® 106 Vagus Nerve Stimulator model to older models in drug resistant epilepsy**  
Lauren Mecia (United Kingdom)

- p0707**      **An evaluation of seizures reduction outcomes in various duty cycles in Vagal Nerve Stimulation (VNS) therapy in Leeds General Infirmary**  
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Natruee Wiwattanadittakul (Thailand)
- p0709**      **Epilepsy in children with infantile cerebral paralysis**  
Gavhar Abdusattarova (Uzbekistan)
- p0710**      **Clinical characteristics and electroencephalographical evaluation of paediatric patients with autistic spectrum disorders**  
Ipek Polat (Turkey)
- p0711**      **Efficiency of antiepileptic therapy in children of different age groups with epilepsy**  
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- p0712**      **Blood levels of kynurenine derivatives in children fed ketogenic diet**  
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- p0713**      **Clinical and EEG features, treatment and outcome of hot water epilepsy in paediatric patients**  
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- p0714**      **Four patients with benign partial epilepsy of childhood and childhood absence epilepsy: Just coincidence or prognosis factor?**  
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- p0715**      **Outcomes of a proposed treatment strategy for childhood absence epilepsy**  
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- p0716**      **Acquired epileptiform opercular syndrome without rolandic epilepsy? A variant of LKS**  
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- p0718**      **Status epilepticus in children. Cases admitted at the Children Hospital Dr. O. Alassia, Santa Fe (Argentina)**  
Francisco Astorino (Argentina)
- p0719**      **Perinatal anamnestic risk factors in different type of epilepsy's development**  
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- p0720**      **Perinatal anamnestic risk factors in symptomatic epilepsy's development**  
Leanid Shalkevich (Belarus)
- p0721**      **Aggravation of epilepsy in a patient with atypical benign partial epilepsy of childhood after administration of sulthiame**  
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- p0722**      **Intrathecal infusion of autologic adipose derived regenerative cells (ADRC) in an autoimmune determined refractory epilepsy in children**  
Elżbieta Szczepanik (Poland)
- p0723**      **Ring chromosome 14 syndrome: symptoms, diagnosis, treatment. A case report**  
Julita Borkowska (Poland)
- p0724**      **Efficacy and tolerability of perampanel in children with refractory epilepsy**  
Elisabetta Spezia (Italy)
- p0725**      **Tolerability of adjunctive lacosamide in paediatric patients aged 4 to < 16 years with focal seizures: an interim pooled analysis of data from open-label trials**  
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- p0726**      **Is there any difference between awakening EEG in benign rolandic epilepsy and continuous spike and waves during sleep syndrome?**  
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- p0727**      **Focal interictal paroxysmal EE abnormalities in childhood absence epilepsy**  
Jamal Mounach (Morocco)
- p0728**      **Longterm electroclinical changes with the use of cannabidiol**  
Galo Pesantez Cuesta (Ecuador)
- p0729**      **Epidemiological, electroclinical and paraclinical aspects of infant's epilepsy at the neuropediatric unit in Senegal**  
Kegnide Christelle Cadnelle Affognon (Senegal)
- p0730**      **Hypsarrhythmia may indicates the patient's noncompliance – observation in two TSC patients from EPISTOP project**  
Dorota Domańska-Pakieła (Poland)
- p0731**      **Demographic and clinical profile of children with epilepsy in developing economy**  
Lokesh Tiwari (India)
- p0732**      **Review of drug resistant epilepsy children: focus on the disclosure of unnoticed epilepsy-surgery candidates**  
Ondřej Horák (Czech Republic)
- p0733**      **SCN1A mutation in a family with GEFS+: a different phenotype of a known missense mutation**  
Kerstin Alexandra Klotz (Germany)
- p0734**      **Health related quality of life in children and adolescents with well-controlled epilepsy**  
Tatjana Redzek Mudrinic (Serbia)
- p0735**      **Clinical, electroencephalografical and familiar characterization of rolandic epilepsy in paediatric population of two centres from Medellín (Colombia), from 2011 to 2016**  
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- p0737**      **The role of an age appropriate FDG-PET database in paediatric clinical pathways of pre-surgical planning for the treatment of epilepsy**  
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- p0738**      **Iron supplementation on paroxysmal non-epileptic events**  
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- p0739**      **Prevalence of epilepsy and other seizure disorders in a Saudi population**  
Ahmed Alrumayyan (KSA)
- p0740**      **Continuous spike-wave discharge during sleep refractory resolved with steroid therapy: a case report**  
Daniela Bezerra (Brazil)
- p0741**      **Epileptic seizures in anaplastic gangliogliomas**  
Sofiene Bouali (Tunisia)
- p0742**      **SCN8A mutation-related epilepsy responsive to low dose phenytoin**  
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- p0743**      **Three cases of Rasmussen's encephalitis without brain atrophy on MR imaging**  
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- p0744**      **Paroxysmal non epileptic events in paediatric epilepsy clinic: a descriptive study of etiology, proportion and therapeutic implications at a tertiary health care centre**  
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- p0745**      **Self-induced epileptic spasms in a 10 year old boy with MCT8 deficiency**  
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- p0746**      **Seizures in paediatric patients with liver transplant and efficacy of levetiracetam**  
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- p0747**      **Chid epilepsy in mauritania: a cohort study**  
Samy Dadah ML, Mauritania
- p0748**      **The comparison between lamotrigine and oxcarbazepine as monotherapy in paediatric focal epilepsy**  
Yun Jung Hur (Korea, Republic of)
- p0749**      **EEG can predict neurologic outcome in children resuscitated from cardiac arrest**  
Hyo Jeong Kim (Korea, Republic of)
- p0750**      **A case of pheochromocytoma presenting as headache and seizure**  
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- p0751**      **Early electroclinical features and outcome at 6 years of age of 61 subjects with Dravet syndrome born between 1972 and 2010**  
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- p0752**      **SCN9A mutation in two siblings with progressive myoclonic epilepsy end encephalopathy**  
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- p0753**      **The underlying etiology of infantile spasms in Latvia (2004 – 2017)**  
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- p0755**      **Emotion recognition of auditory and visual stimuli in patients with resistant temporal lobe epilepsy**  
Monica Fernandez Lima (Argentina)
- p0756**      **Diagnostic and treatment services for patients with psychogenic nonepileptic seizures (PNES): a survey of health professionals in urban China**  
Xin Tong (China)
- p0757**      **Depression before and after epilepsy surgery**  
Takuji Nishida (Japan)
- p0758**      **The use of a structured questionnaire for predicting the diagnosis of psychogenic non epileptic seizures**  
Giorgia Giussani (Italy)
- p0759**      **Obsessive-compulsive personality disorder and theory of mind in temporal lobe epilepsy**  
Annalisa Parente (Italy)
- p0760**      **Clinical features of post-ictal psychosis: an observational descriptive study**  
Vera Braatz (United Kingdom)
- p0761**      **Comparative study of differential seizure semiology and psychiatric disorders prevalence between psychogenic non-epileptic seizures and temporal lobe epileptic seizures**  
Nicolás Robertino Lombardi (Argentina)
- p0762**      **Traumatisation or retraumatisation due to sexual assault in virtual reality based social networks may be relevant for development of psychogenic seizures**  
Christoph Kurth (Germany)
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Myung Ah Ko (Korea, Republic of)
- p0764**      **Curated epilepsy content to foster self-management: MyEpilepsyKey**  
Carol Ireland (Australia)
- p0765**      **The experience of transition for young people with epilepsy: developing an animation**  
Janine Winterbottom (United Kingdom)
- p0766**      **Driving in newly diagnosed epilepsy patients: results from the SEISMIC study**  
Ying Xu (Australia)
- p0767**      **"Seizure observation in a systematic format:" the development of a systematic seizure template for unclassified seizures. Perspectives from nursing practice**  
Vibeke Stubbings (Denmark)
- p0768**      **A new wireless accelerometry device for motor epilepsy detection: a way to decrease economic burden of epileptic population**  
Lei Chen (China)
- p0769**      **From the patients' perspective. Life impact of illness in drug-resistant epilepsy patients from Buenos Aires (Argentina)**  
Mercedes Sarudiansky (Argentina)
- p0770**      **Knowledge about epilepsy and epilepsy-related stigmatization among teachers in training in the Czech Republic**  
Jiri Kohout (Czech Republic)
- p0771**      **The stigma of epilepsy: prevalence and pattern among rural dwellers attending a tertiary referral hospital in South-East Nigeria**  
Birinus Adikaibe Ezeala-Adikaibe (Nigeria)
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- p0772**      **Spot 'epilepsy' through canvas: a novel entry into an unduly mystified disease**  
Sanjaya Shanthiputhra Mandadige (Sri Lanka)
- p0773**      **"Involved – and yet feeling outside": a nursing perspective from pediatric epilepsy surgery**  
Hanne Grønvold (Denmark)
- p0774**      **'Clinic to community' program identifies school based needs of children with epilepsy**  
Mary Secco (Canada)
- p0775**      **For a comprehensive identification of needs in children with epilepsy: a nursing team approach**  
Alexis Arzimanoglou (France)
- p0776**      **Attitudes and epilepsy-related knowledge among primary school teachers: a study from a rural province of Sri Lanka**  
Sanjaya Shanthiputhra Mandadige (Sri Lanka)
- p0777**      **A study of public attitude towards epilepsy in Greece**  
Anna Keramida (Greece)
- p0778**      **The knowledge of Jamaican primary school teachers about epilepsy and asthma and their attitudes towards children with these conditions: a survey in selected primary schools in St. Andrew Jamaica**  
Shari-Ann Davis, Jamaica
- p0779**      **The results of differences between mothers self and researcher reading for "impact of paediatric epilepsy scale"**  
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- p0781**      **Efficacy of continuous midazolam infusion for hyperthermia-induced seizures in Dravet syndrome**  
Susumu Ito (Japan)
- p0782**      **Lacosamide in status epilepticus treatment: experience in an hospitalized adult population**  
Giada Giovannini (Italy)
- p0783**      **High epileptiform burst suppression and outcome in midazolam treatment for refractory status epilepticus**  
Jirayoot Chusooth (Thailand)
- p0784**      **Dysphagia of epileptic origine in patient with MELAS**  
Guillermina García Martin (Spain)
- p0785**      **Predictors of outcome and refractoriness in status epilepticus: a prospective study**  
Candan Gurses (Turkey)
- p0786**      **Refractory convulsive status epilepticus due to cannabinoids: a case report**  
Clara Lunardon (Italy)
- p0787**      **Arteriovenous malformations and status epilepticus**  
Estevo Santamarina (Spain)
- 

## Women's Issues 2

- p0788**      **No growth-related long-term effects of prenatal exposure to topiramate**  
Jeppe Sillesen Matzen (Denmark)
- p0789**      **An observational study of children of mothers with genetic generalized epilepsy exposed to antiepileptic medications during pregnancy**  
Ana Carolina Zetehaku (Brazil)

# POSTERS

- p0790**      **Spontaneous abortions among women with epilepsy**  
Gordana Kiteva-Trenchevska (Macedonia, FYR)
- p0791**      **Pregnancy and fetal outcomes in women after surgery for drug refractory epilepsy**  
Sai Satish (India)
- p0792**      **Seizure course during pregnancy and the post-partum period: a cohort study in a tertiary epilepsy centre**  
Barbara Mostacci (Italy)
- p0793**      **Prevalence of caesarean section in pregnant Chinese women with epilepsy and its potential correlations**  
Nanya Hao (Australia)
- p0794**      **Valproate usage and pregnancy related knowledge in women with epilepsy of childbearing age in Croatia**  
Latica Friedrich (Croatia)
- p0795**      **Gender features of female epilepsy in mono- and polytherapy AEDs groups**  
Galina Odintsova (Russia)
- p0796**      **Etiology of epilepsy and antiepileptic drug use in women of childbearing age in an epilepsy reference centre in Guatemala**  
Walter Rodrigo Duarte Celada (Guatemala)
-

TUESDAY 5<sup>th</sup> SEPTEMBER

## Adult Epileptology 6

- p0797**      **Qualitative analysis of direct and delayed reproduction in narrative verbal memory in patients with temporal lobe epilepsy and controls**  
D. Marjolein Hartgerink (Netherlands)
- p0798**      **Measuring cognition and cognitive reserve in patients with first seizure or new onset epilepsy**  
Benjamin P. Whatley (Canada)
- p0799**      **Clinical feature of temporal lobe seizure**  
Amarjargal Myangaa (Mongolia)
- p0800**      **Falls as a new clinical manifestation of temporal lobe epilepsy**  
Irena Doležalová (Czech Republic)
- p0801**      **Evaluation of ventricular repolarization parameters in epilepsy patients**  
Bülent Oğuz Genç (Turkey)
- p0802**      **Quality of life in adult patients with epilepsy and their family members in Tashkent**  
Shokhida Gazieva (Uzbekistan)
- p0803**      **Characteristics, evaluation and management of patients with epilepsy who attend emergency rooms for seizures**  
Juan Carlos Avalos (Argentina)
- p0804**      **Epileptic seizures as a predictor of in-hospital mortality in patients with acute ischemic stroke**  
Ljubica Vojvodic (Serbia)
- p0805**      **Low cardiovascular fitness in patients with pharmaco-resistant temporal lobe epilepsy**  
Katia Lin (Brazil)
- p0806**      **Role of emergency department (ED) physicians in identifying and managing patients who may meet the "practical clinical" definition of epilepsy**  
Brien Smith (USA)

# POSTERS

## Adult Epileptology 7

- p0807**      **Post-ictal atrial fibrillation in mesial temporal lobe epilepsy: a case report**  
Abdulrahman Bouges (KSA)
- p0808**      **Effects of chronic anti-epileptic use on serum 25OH-vitamin D levels and calcium metabolism**  
Bülent Oğuz Genç (Turkey)
- p0809**      **Serum and Cerebral Spinal Fluid Auto Antibodies in drug-resistant temporal lobe epilepsy**  
Sibel Canbaz Kabay (Turkey)
- p0810**      **Automatic MEG data classification to epileptic and healthy subject using statistical features**  
Turky N Alotaiby (KSA)
- p0811**      **Epilepsy mimicking stroke: can we manage it better? A prevalence and clinical features study**  
José David Herrera-García (Spain)
- p0812**      **Use of complementary and alternative medicine among adult patients with epilepsy in Singapore**  
Pei Shieen Wong (Singapore)
- p0813**      **Diagnostic value of long-term EEG monitoring as second diagnostic step in the initial diagnosis of epilepsy**  
Roland Renzel (Switzerland)
- p0814**      **Treatment of status epilepticus/seizure clusters in two patients with MELAS syndrome**  
Marianne Juel Kjeldsen (Denmark)
- p0815**      **The modified Atkins diet in patients with refractory epilepsy and intellectual disability: a randomized controlled trial**  
Hanna Mai Hulshof (Netherlands)

## Adult Epileptology 8

- p0816**      **Clinical and electroencephalographic profile of juvenile myoclonic epilepsy in a tertiary care centre from South India**  
Malcolm Jeyaraj K (India)
- p0817**      **Olfactory and gustatory dysfunction in epilepsy**  
Bengi Gul Turk (Turkey)
- p0818**      **Effectiveness and safety of eslicarbazepina acetate as adjunctive treatment for refractory epilepsy: a long term retrospective study**  
Elisa Osanni (Italy)
- p0819**      **Co-occurrence of anti-NMDAR antibodies in patients with TLE and hippocampal sclerosis**  
Nancy Watanabe (Brazil)
- p0820**      **Peri-ictal prone position is associated with independent risk factors for sudden unexpected death in epilepsy: a controlled video-EEG monitoring unit study**  
Emel Oguz Akarsu (Turkey)
- p0821**      **Long-term follow-up of ictal asystole in temporal lobe epilepsy: is permanent pacemaker therapy needed?**  
Naoki Akamatsu (Japan)
- p0822**      **Differential diagnosis of visual aura in migraine and epilepsy**  
Galina Odintsova (Russia)
- p0823**      **Postictal psychogenic seizure with minimal ictal manifestations: a case report**  
Nicolas Jannone-Pedro (Spain)
- p0824**      **Levetiracetam modifies quantitative EEG in the anterior cortical regions in epileptic patients showing psychiatric manifestations**  
Alessio D'Elia (Italy)
- p0825**      **Evaluation of cognitive functions and diffusion tensor MRI in patients with juvenile myoclonic epilepsy**  
Nirmeen Kishk (Egypt)
-

# POSTERS

## Basic Science 8

- p0826**      **Repetitive epileptic seizures induce behavioural and activation changes in the hamster GASH: Sal**  
Consuelo Sancho (Spain)
- p0827**      **Alterations in the olivocochlear efferent system of the epileptic hamster GASH: Sal**  
Dolores E. López (Spain)
- p0828**      **Distribution of CB1 cannabinoid receptors in the model of epilepsy GASH: Sal**  
Dolores E. López (Spain)
- p0829**      **RNA-edited glycine receptors are a potential target for anti-epileptic drugs in temporal lobe epilepsy**  
Larissa Kraus (Germany)
- p0830**      **Spatial – temporal characteristics of thalamo-cortical oscillations after unilateral cortical spreading depression in the recovery period in WAG/Rij rats**  
Kenul Abbasova (Russia)
- p0831**      **Perivascular PDGFR cells participate to inflammation during in vivo epileptogenesis and in vitro ictogenesis**  
Wendy Klement (France)
- p0832**      **Cerebellar Purkinje cell counts in a knock-in mouse model of alternating hemiplegia of childhood**  
Elie Abdelnour (USA)
- p0833**      **The effects of levetiracetam, topiramate, lamotrigine and phenytoin on bone tissue in male albino Wistar rats**  
Julius Simko (Czech Republic)
- p0834**      **Effect of rho-kinase inhibitor Y-27632 on absence seizures in genetic absence epilepsy rats from Strasburg (GAERS)**  
Nihan Carcak Yilmaz (Turkey)
-

## Basic Science 9

- p0835**      **Impact of epileptogenesis on hepatic and brain nuclear receptors and metabolic CYP enzymes expression**  
Léonie Runtz (France)
- p0836**      **Changes in microseizure properties anticipate seizure clusters in tetanus toxin model of temporal lobe epilepsy**  
Jan Kudlacek (Czech Republic)
- p0837**      **Effect of sodium bromide on GABAergic transmission, synaptic plasticity and pilocarpine-induced seizures**  
Rüdiger Köhling (Germany)
- p0838**      **CX3CR1 modulation alters synaptic integration of adult born hippocampal neurons following an epileptogenic insult**  
Una Avdic (Sweden)
- p0839**      **Selective, unilateral ablation of hippocampal interneurons causes acute seizures**  
Jay Spampinato (USA)
- p0840**      **KCNQ1 gene expression in epileptic rats**  
Aikaterini Gkiaka (Greece)
- p0841**      **Does early-life kindling affect the characteristics of SWDs in adulthood in rats with genetic absence epilepsy?**  
Ozlem Akman (Turkey)
- p0842**      **Role of inflammatory mechanisms in seizures development in models of perinatal brain insult**  
Kateřina Vondráková (Czech Republic)
- p0843**      **Resveratrol attenuates oxidative stress and mitochondrial dysfunction in immature brain during epileptogenesis**  
Jaroslava Folbergrová (Czech Republic)
- p0844**      **Antioxidative treatment with MnTMPYP or resveratrol is neuroprotective in status epilepticus in immature rats**  
Jakub Otáhal (Czech Republic)
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# POSTERS

## Basic Science 10

- p0845**      **Expression of the immediate early gene Nur-related factor 1 (Nurr1) is elevated in patients with refractory epilepsy**  
Jin-Mei Li (China)
- p0846**      **Characterising EEG cortical dynamics and connectivity with responses to single pulse electrical stimulation (SPES)**  
David Martín-López (United Kingdom)
- p0847**      **The effects of ER stress induced by different dose of Thapsigargin on generalized convulsive seizure**  
Sabriye Karadenizli (Turkey)
- p0848**      **Anti-absence effect of sildenafil (5-phosphodiesterase inhibitor) in WAG/Rij rats with genetic absence epilepsy**  
Cem Onur Erdolu (Turkey)
- p0849**      **What happen in the brain during the epileptogenesis?: Analysis of single-unit activity and local field potentials on an experimental epilepsy model**  
Maria Belen Gori (Argentina)
- p0850**      **Aberrant connectivity of hippocampal mossy fibers in temporal lobe epilepsy**  
Thomas Freiman (Germany)
- p0851**      **Seizure & mortality protection by MeCF in strychnine induced seizure in rats**  
Muhammad Liaquat Raza (Pakistan)
- 

## Clinical Neurophysiology 7

- p0852**      **High frequency oscillations detected by automatic kurtosis-based time-frequency analysis in MEG and intracranial EEG in paediatric epilepsy**  
Elaine Foley (United Kingdom)
- p0853**      **Exploring cardiac autonomic functions in eating epilepsy**  
Talakad Sathyaprabha (India)
- p0854**      **Ultra long-term EEG reveals circadian trends**  
Sirin W. Gangstad (Denmark)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0855**      **Utility of the EEG video in the management of pharmacoresistent epilepsy**  
Angelica Aroni (Venezuela)
- p0856**      **New LED photic stimulators can equal the Grass xenon gold standard for intermittent photic stimulation (IPS)**  
Dorothee Kasteleijn-Nolst Trenité (Netherlands)
- p0857**      **Connectivity between bilateral temporal lobe by cortico-cortical evoked potential in temporal lobe epilepsy -based on TWO case with temporal lobe epilepsy**  
Shuhua Chen (China)
- p0858**      **EEG findings in attention deficit hyperactivity disorder disease**  
Gönül Akdağ (Turkey)
- p0859**      **Multilobar epileptogenic zones but motor area: Moses´ s motor area skipping pathological HFO**  
Yasushi Iimura (Canada)
- p0860**      **Functional connectivity reveals postsurgical evolution in pharmacoresistant temporal lobe epilepsy patients**  
Lilia Morales Chacón (Cuba)
- p0861**      **Event-related potentials in temporal lobe epilepsy with and without hippocampal sclerosis**  
Jiyeon Kim (Korea, Republic of)

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### Clinical Neurophysiology 8

- p0862**      **Alternative seizure provoking techniques at the epilepsy monitoring unit**  
Jane Palm Eriksen (Denmark)
- p0863**      **Correlation of ultrafast oscillations dynamics in an emotional memory task: a depth electrode study in epileptic patients**  
Ana Luisa Velasco (Mexico)
- p0864**      **Invasive and scalp EEG in pre-surgical evaluation of MR negative drug resistant epilepsy**  
Mikhail Sinkin (Russia)

# POSTERS

- p0865**      **High frequency oscillations associated with epilepsia partialis continua**  
Ana Catarina Franco (Portugal)
- p0866**      **Development of an portable EEG system with automated seizure discharge detection (EpiDome)**  
Sanjib Sinha (India)
- p0867**      **Analysis of single-unit activity and local field potential in human mesial temporal lobe epilepsy**  
Maria Belen Gori (Argentina)
- p0868**      **Differential reactivity of HFOs to cognitive stimulation within epileptic and non-epileptic hippocampus**  
Martin Pail (Czech Republic)
- p0869**      **Predicting outcome in postanoxic encephalopathy: a quantitative model-based approach (EEG state space analysis)**  
Evdokia Efthymiou (Switzerland)
- p0870**      **Duration of Tachycardia in the post-ictal period**  
Catherine Scott (United Kingdom)

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## Clinical Neurophysiology 9

- p0871**      **Dynamic propagation of interictal epileptic spike of medial temporal lobe epilepsy predict seizure network: a MEG combined with SEEG study**  
Jialin Du (China)
- p0872**      **Newer insights in clinico-radiologic and electro-encephalographic findings in children with lissencephaly**  
Vishal Sondhi (India)
- p0873**      **Autistic regression with epilepsy: diagnostic clues from electrophysiology**  
Rajni Farmani (India)
- p0874**      **Spike and wave dynamics of typical absences in wake and non REM-REM sleep**  
Katerina Tsatsou (Greece)

- p0875**      **Intracranial infraslow activity identified with depth electrode recordings helps to determine lateralizing the epileptogenic zone**  
Luis Bello-Espinosa (Canada)
- p0876**      **Ictal sniffing: diving into its network by intracranial macro and microelectrodes recordings in an epileptic patient**  
Jonathan Curot (France)
- p0877**      **Déjà-rêvé (already dreamed) induced by electrical brain stimulation**  
Jonathan Curot (France)
- p0878**      **Epilepsy surgery outcome in the Geneva-Lausanne Centre: improving surgical results despite more complex surgeries**  
Sara Baldini (Switzerland)
- 

### Comorbidities 3

- p0880**      **Evaluation of zebrafish as a potential model for cognitive impairment associated with Dravet syndrome**  
Maxime Jacmin (Luxembourg)
- p0881**      **Recurrent suicide attempts in epileptic patients**  
Ali Akyol (Turkey)
- p0882**      **Comorbid epilepsy in Finnish patients with adult-onset Huntington's disease in Tashkent**  
Shokhida Gazieva (Uzbekistan)
- p0883**      **An interim analysis from the multi-site HOBSCOTCH replication trial**  
Barbara Jobst (USA)
- p0884**      **Visual impairment/blindness (VI/B) as a significant comorbid complication of epilepsy assessment**  
John McGinley (USA)
- p0885**      **Comparison of anxiety, depressiveness and risk for suicide in patients with epilepsy to healthy controls**  
Ruta Mameniskiene (Lithuania)

# POSTERS

- p0886**      **Comorbidity of epilepsy and headaches**  
Maja Milovanovic (Serbia)
- p0887**      **Sleep abnormalities and polysomnographic profile among children with drug resistant epilepsy**  
Sheffali Gulati (India)
- p0889**      **Epilepsy patient's quality of life and Adverse cutaneous drug reaction in low income country**  
Shyam Kumar BK (Nepal)
- p0890**      **Bariatric surgery in an epilepsy patient: results from follow-up and related issues**  
Mustafa Tansel Kendirli (Turkey)
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## Drug Therapy 10

- p0891**      **Design and methods of study 338: a multicentre, double-blind, randomized, placebo-controlled trial of perampanel as adjunctive treatment in subjects  $\geq 2$  years of age with inadequately controlled seizures associated with Lennox-Gastaut syndrome**  
Robert T. Wechsler (USA)
- p0892**      **Lacosamide as first add-on in the treatment of three patients with symptomatic focal epilepsy due to focal cortical dysplasia**  
Angelo Russo (Italy)
- p0893**      **Improvements in seizure frequency parallel improvements in seizure severity in an open label study of cannabidiol**  
Jerzy P. Szaflarski (USA)
- p0894**      **Antiepileptic drugs and antiretroviral therapy use in HIV positive patients**  
Annick Melanie Magnerou (Senegal)
- p0895**      **First clinical experiences on safety and efficacy of perampanel in 49 adult patients with epilepsy at the Kaohsiung Chang Gung Memorial Hospital, Taiwan**  
Yao-Chung Chuang (Taiwan, Republic of China)

- p0896**      **Physiologically based pharmacokinetic (PBPK) modeling of disposition and drug-drug interactions for valproic acid / divalproex**  
Ronald Reed (USA)
- p0898**      **Case report: quinidine in the treatment of epilepsy associated with KCNT1 mutation**  
Jing Ye (China)
- p0899**      **Improvement in quality of life ratings after one year of treatment with pharmaceutical formulation of cannabidiol (CBD)**  
Tyler Gaston (USA)
- 

## Drug Therapy 11

- p0900**      **Medication information needs of patients with epilepsy: a survey of inquiries to a drug information centre**  
Tapani Keränen (Finland)
- p0901**      **Perampanel in adult refractory epilepsy: initial experience from Phramongkutkiao Hospital, Bangkok (Thailand)**  
Yotin Chinvarun (Thailand)
- p0902**      **Psychiatric adverse events with antiepileptic drugs: a comparison between levetiracetam and perampanel**  
Claudio Liguori (Italy)
- p0903**      **QT prolongation in a paediatric patient after using oxcarbazepine for partial seizure: a case report**  
Naif Al Anazy (KSA)
- p0904**      **Perampanel as adjunctive drug in children and young adults with refractory epilepsy**  
Giangennaro Coppola (Italy)
- p0905**      **First clinical experiences with perampanel in adult patients with epileptic encephalopathies**  
Giuseppe d'Orsi (Italy)
- p0906**      **Pharmaceutical treatment of anti-epileptic drugs for developmental disorders**  
Eiji Nakagawa (Japan)

# POSTERS

- p0907**      **Lacosamide/levetiracetam combination treatment in epilepsy patients – perspective from the Asian region**  
Howan Leung (Hong Kong)
- p0908**      **Costs of anticonvulsant treatment in patients with pharmacoresistant and pharmacoresponsive epilepsy in Georgia**  
Maia Alkhidze (Georgia)
- p0909**      **The investigation of the adverse events during intra-group replacement of anti-epileptic drugs**  
Olga Rakhmanina (Russia)
- 

## Drug Therapy 12

- p0910**      **Effect of phenytoin on the dissolution profile of proguanil in simulated gastric fluid without enzymes**  
Oladoja Awofisayo (Nigeria)
- p0911**      **Perampanel real world experience with paediatric epileptic syndromes at Chulalongkorn University Bangkok (Thailand)**  
Tayard Desudchit (Thailand)
- p0912**      **Impact of treatment refractoriness on the effectiveness, safety and tolerability of eslicarbazepine acetate in clinical practice**  
Martin Holtkamp (Germany)
- p0913**      **Pharmaceutical utilization patterns in epilepsy patients – a study from a general hospital in Sweden**  
Helena Gauffin (Sweden)
- p0914**      **Effectiveness and safety of eslicarbazepine acetate for treatment of partial-onset seizures in clinical practice according to age decade of patients**  
Rodrigo Rocamora (Spain)
- p0915**      **Postmarketing experience with brivaracetam in the treatment of epilepsies: a multicentre cohort study from Germany**  
Felix Rosenow (Germany)

- p0916**      **Rufiprat: a retrospective study on the everyday clinical use of rufinamide in children with refractory epilepsy**  
Clara Milleret (France)
- p0917**      **Impact of intellectual disability on the effectiveness, safety and tolerability of eslicarbazepine acetate as a treatment for partial-onset seizures**  
Manny Bagary (United Kingdom)
- p0918**      **A European audit of real-world use of eslicarbazepine acetate as a treatment for partial-onset seizures: the Euro-Esli study**  
Vicente Villanueva (Spain)
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## Drug Therapy 13

- p0919**      **Eslicarbazepine acetate as a treatment for partial-onset seizures in patients with psychiatric comorbidities, including depression**  
Giovanni Assenza (Italy)
- p0920**      **Real-world effectiveness and tolerability of eslicarbazepine acetate in patients receiving versus not receiving other sodium-channel blockers**  
Charlotte Lawthom (United Kingdom)
- p0921**      **Current consensus on the treatment of Lennox-Gastaut syndrome**  
J. Helen Cross (United Kingdom)
- p0922**      **Prevalence, characteristics and patterns of drug resistant epilepsy in a cohort of adult epilepsy patients with focal onset seizures**  
Taha Balal Taha A-Hakam (United Kingdom)
- p0923**      **Levetiracetam: a cause of weight loss**  
Santiago Fernández (Spain)
- p0924**      **Brain lesions in eloquent areas: intraoperative mapping, seizures occurrence and antiepileptic drug prophylaxis. Comparison of phenytoin vs levetiracetam vs lacosamide use: efficacy and safety**  
Addolorata Mascia (Italy)
- p0925**      **Serum concentrations of lacosamide in patients with epilepsy: the influence of dose, body weight, age and comedication**  
Theodor W. May (Germany)

# POSTERS

- p0926**      **Pharmacokinetic variability of phenytoin – an old drug used in new combinations**  
André Gottås (Norway)
- p0927**      **Cardiovascular autonomic functions in patients affected by partial epilepsy on lacosamide monotherapy**  
Francesca Izzi (Italy)
- p0928**      **Ganaxolone in children with CDKL5 gene-related epileptic encephalopathy: preliminary analysis from an open-label trial**  
Nicola Specchio (Italy)
- p0929**      **The role of CYP2C9 gene genotyping before the start of therapy for prevention of serum valproic acid accumulation during the treatment of epilepsy**  
Diana Dmitrenko (Russia)
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## Drug Therapy 14

- p0930**      **Lacosamide – a new treatment option for children with Electrical Status Epilepticus in Sleep (ESES)**  
Martha Feucht (Austria)
- p0931**      **Perampanel in the treatment of epilepsy**  
Ioannis Stavropoulos (United Kingdom)
- p0932**      **Dynamics of quality of life in epilepsy patients with comparative analysis of efficacy antiepileptic drugs monotherapy**  
Kamola Mirzaeva (Uzbekistan)
- p0933**      **Pharmacists' perceived confidence and knowledge on antiepileptic drugs in Albania**  
Serla Grabova, Albania
- p0934**      **Perampanel in 359 refractory focal epilepsies: a French cohort**  
Philippe Gelisse (France)
- p0935**      **Perampanel in 65 adults with the Lennox-Gastaut syndrome and related encephalopathies**  
Philippe Gelisse (France)

## 32<sup>ND</sup> INTERNATIONAL EPILEPSY CONGRESS

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- p0936**      **Effectiveness and tolerability of perampanel in children and adolescents with refractory epilepsies – an Italian multicentre study**  
Paola De Liso (Italy)
- p0937**      **Oromucosal midazolam in patients with prolonged acute convulsive seizures: an Italian experience**  
Paola De Liso (Italy)
- p0938**      **Clinical response to oral cannabis extracts in severe refractory epilepsy: experience in Chilean patients**  
Gisela Kuester (Chile)
- p0939**      **Perampanel use in early add-on therapy with a follow-up of 12 months**  
Albert Molins Albanell (Spain)
- p0940**      **Lafora body degradation by a therapeutic enzyme for the treatment of Lafora disease**  
M. Kathryn Brewer (USA)
- 

### Epidemiology 4

- p0941**      **Febrile seizures and risk of psychiatric disease in adulthood**  
Julie Werenberg Dreier (Denmark)
- p0942**      **Prevalence and characteristics of epileptic disorders in patients with supratentorial brain tumours**  
Sophia Boldyreva (Russia)
- p0943**      **Infections increase the risk of epilepsy: a nationwide register based cohort study**  
Frederik Spangsberg Ahlers (Denmark)
- p0944**      **Premature mortality in persons with epilepsy and schizophrenia: a nationwide cohort study**  
Katrine Maul Andersen (Denmark)
- p0945**      **The impact of geography on epilepsy mortality: a retrospective case series from 4 U.S. medical examiner offices**  
Esma Cihan (USA)

# POSTERS

- p0946**      **Epidemiology of drug-resistant temporal lobe (TLE) epilepsy in Uzbekistan**  
Azamatjon Umarov (Uzbekistan)
- p0947**      **Paternal age and risk of epilepsy in the offspring**  
Jakob Christensen (Denmark)
- p0948**      **Temporal epilepsy: electro-clinical aspects in a Senegalese cohort**  
Ousmane Cisse (Senegal)
- p0949**      **Tuberous sclerosis complex: the first epidemiological study in Brazil**  
Maria Luiza Giraldes Manreza (Brazil)
- 

## Epilepsy in the elderly

- p0950**      **Epilepsy in the elderly people**  
Rohayeh Esmaeili (Iran, Islamic Republic of)
- p0951**      **Experiences of elderly epilepsy patients in emergency care**  
Thomas Porschen (Germany)
- p0952**      **New generation antiepileptic drugs (AEDs) are under-used among elderly patients: a cross sectional study**  
Richard Shek-Kwan Chang (Hong Kong)
- p0953**      **Clinical features of epilepsy in 10 patients on hemodialysis**  
Kunihiko Araki (Japan)
- p0954**      **Association of alpha subunit of GABAA receptor subtype gene polymorphism with epilepsy syndromes in Indian population**  
Sameer Ahmad Guru (India)
- p0955**      **Non-convulsive status epilepticus-cause or the consequence of cardiogenic event?**  
Renata Sušak (Croatia)
- p0956**      **A study of symptomatic epilepsy related to ischemic stroke**  
Kei-Ichiro Takase (Japan)
- p0957**      **Clinical and etiological profile of epilepsy in elderly**  
Zeineb Brahem (Tunisia)

- p0958**      **Differentiation and modulation for both epilepsy and dementia in elderly people**  
Takahiro Mitsueda-Ono (Japan)
- p0959**      **Efficacy and safety of intravenous lacosamide in focal status epilepticus in elderly and critically ill patients**  
Elisabetta Venturelli (Italy)
- p0960**      **Perampanel use in older people with epilepsy: pooled data from European observational studies**  
Caroline Neuray (Austria)
- 

## Epilepsy Surgery 7

- p0961**      **The role of vascularization of the corpus callosum during microsurgical callosotomy in patients with severe symptomatic epilepsy**  
Valery Cheburakhin (Ukraine)
- p0962**      **Negative motor phenomena in focal epilepsy: a SEEG study**  
Luca De Palma (Italy)
- p0963**      **Our experience of surgical treatment of multifocal epilepsy**  
Kostiantyn Kostyuk (Ukraine)
- p0964**      **Hemispherotomy for the treatment of refractory epilepsy, in adults and children**  
Heidy Baide Mairena (Spain)
- p0965**      **Atypical presentation of Rasmussen's encephalitis: a case series**  
Gabriela Reyes Valenzuela (Argentina)
- p0966**      **Utility of depth electrodes for epilepsy surgery and surgical outcome**  
Kyoung Jin Hwang (Korea, Republic of)
- p0967**      **Mild malformation of cortical development with oligodendroglial hyperplasia in frontal lobe epilepsy: clinical and management approach of a new entity**  
Angel Aledo-Serrano (Spain)
- p0968**      **Tuber centre-only resections for seizure control in tuberous sclerosis**  
A. Simon Harvey (Australia)

# POSTERS

- p0969**      **Mapping hyperexcitable neural network connections in extra-temporal lobes in the human brain in patients with epilepsy**  
Rabia Warraich (United Kingdom)
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## Epilepsy Surgery 8

- p0970**      **Prolonged reversible neurological dysfunction in neurosurgical patients**  
Seo-Young Lee (Korea, Republic of)
- p0971**      **Anterior temporal lobe encephalocele as the etiology of pharamcoresistant epilepsy and hippocampal kindling: case illustration and literature review**  
Raidah Al-Baradie (KSA)
- p0972**      **Modified subpial “en bloc” resection for amygdalo- hippocampectomy to avoid complications in temporal lobe surgery**  
Karl Roessler (Germany)
- p0973**      **Seizure freedom after corpus callosotomy**  
Bassel Abou-Khalil (USA)
- p0974**      **Seizure outcome of patients with magnetic resonance imaging-negative epilepsies: still an ongoing debate**  
Cihan Isler (Turkey)
- p0975**      **The impact of dominant temporal lobe arachnoid cyst surgical treatment on epilepsy control, cognition and visual field**  
Monica Alexander (KSA)
- p0976**      **Robotic stereoelectroencephalography without head-frame and computed tomography – analysis of accuracy**  
Thomas Freiman (Germany)
- p0977**      **Testing quality indicators for adult epilepsy monitoring unit in the Centre for Treatment of Refractory Epilepsy (CETER), a new epilepsy monitoring unit in Brazil**  
Marino Muxfeldt Bianchin (Brazil)

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- p0978**      **Good outcome of resective epilepsy surgery in patients with non-lesional focal epilepsy after invasive evaluation with stereotactically implanted depth electrodes**  
Christian Vollmar (Germany)
- p0979**      **Hemispheric disconnection in paediatric patients with refractory epilepsy secondary to diffuse, unilateral disease. Long term results in a tertiary centre**  
Sara Patricia Pérez-Reyes (Mexico)
- p0980**      **The effectiveness of transcranial motor evoked potential monitoring during epilepsy surgery in patients with medically refractory temporal lobe seizures**  
Dae-Won Seo (Korea, Republic of)
- p0981**      **Post-operative infections secondary to invasive electrode monitoring and epilepsy surgery in paediatric population**  
Ying Meng (Canada)
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### Genetics 4

- p0982**      **Different gain-of-function effects in SCN2A-mutations**  
Stephan Lauxmann (Germany)
- p0983**      **Developmental regression preceding seizure onset: a guide for SLC6A1 mutation testing in children with atypical myoclonic astatic epilepsy**  
Micheal Taylor (United Kingdom)
- p0984**      **Epilepsy and sleep disorders improve in adolescents and adults with Angelman syndrome: a multicentre study of 46 patients**  
Chiara Sueri (Italy)
- p0985**      **Discovery and pathogenicity assessment of neuropathology-associated gene variants**  
Lisa-Marie Neupert (Germany)
- p0986**      **Novel mutations in SLC2A1 gene: phenotype variability of GLUT1 deficiency syndrome in a small case series**  
Lidia Di Vito (Italy)

# POSTERS

- p0987**      **Down-regulation of ADGRV1 gene expression in the inferior colliculus of the genetic audiogenic seizure-prone hamster GASH: Sal**  
Dalia Alvarez-Morujo de Sande (Spain)
- p0988**      **Audiogenic seizures induce changes in the gene expression in the inferior colliculus of two animal models of epilepsy, the WAR and GASH: Sal strains**  
Dolores E. López (Spain)
- p0989**      **DNA methylation of the BRD2 promoter is associated with juvenile myoclonic epilepsy etiology**  
Shilpa Pathak (USA)
- p0990**      **CN1A gene mutations and adaptive functioning assay in Vietnamese children with Dravet syndrome**  
Chi Bao Bui (Vietnam)
- p0991**      **A heterozygous MBD5 frameshift mutation in a family with mental retardation and epilepsy**  
Ji Yoon Han (Korea, Republic of)

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## Genetics 5

- p0992**      **Investigation of GLUT-1 mutation in patients with genetic generalized epilepsy presenting with eyelid myoclonia**  
Güneş Altıokka-Uzun (Turkey)
- p0993**      **Genetic heterogeneity of sleep related hypermotor epilepsy (SHE)**  
Francesca Bisulli (Italy)
- p0994**      **First case report on West syndrome with a de novo KCNQ3 mutation**  
Kazuyuki Nakamura (Japan)
- p0995**      **Targeted next generation sequencing as a diagnostic tool in 644 childhood epilepsy patients and transmission of variants from mosaic parents**  
Line H. G. Larsen (Denmark)
- p0996**      **Homozygous mutation identified in glutamate acid channel Gene GRIN3A in a pedigree with myoclonic epilepsy**  
Jing Ye (China)

- p0997**      **Genetic aspects of erythrocyte and leukocyte (HLA) antigens systems in the induction and evolution of neurocysticercosis and epilepsy due to neurocysticercosis**  
Nadejda Gorincioi (Moldova, Republic of)
- p0998**      **Recessive variants in VARS cause a clinical syndrome with severe developmental delay, epilepsy and microcephaly**  
Aleksandra Siekierska (Belgium)
- p0999**      **Novel mutation on SYNGAP1 gene as probable etiology of Ohtahara syndrome epileptic encephalopathy**  
Jose Mesa (Chile)
- p1000**      **Genetic causes of paediatric epileptic encephalopathy: a retrospective chart review**  
Biswaroop Chakrabarty (India)
- p1001**      **Dependence of the indicators of cognitive potential of P300 to the forms of epilepsy**  
Maruf Salokhiddinov (Uzbekistan)
- p1002**      **Distribution of genetic epilepsies and accordingly adjusted medical treatment at the Danish Epilepsy Centre: a systematic analysis of children born between 2006 and 2011**  
Christina Dühring Fenger (Denmark)

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### Neuroimaging 5

- p1003**      **Widespread white matter alterations predict refractoriness in mild temporal lobe epileptic patients**  
Maria Eugenia Caligiuri (Italy)
- p1004**      **Epilepsy and developmental brain malformation**  
Zeineb Brahem (Tunisia)
- p1005**      **MRI T2-hyperintensive lesions in TSC children treated with vigabatrin**  
Krzysztof Sadowski (Poland)

# POSTERS

- p1006**      **Reliability of pre-surgical brain MRI protocols in epileptogenic lesion detection: the tertiary epilepsy centre experience**  
Nikola Vojvodic (Serbia)
- p1007**      **Tract-based spatial statistics of diffusion tensor imaging after corpus callosotomy in relation to seizure recurrence**  
Da Eun Jung (Korea, Republic of)
- p1008**      **Epileptic network in action: synchrony of intracranial spiking activity in distant interictal discharge-related hemodynamic responses revealed by EEG/fMRI**  
Hui Ming Khoo (Canada)
- p1009**      **Spatial congruence of integrated EEG-fMRI networks in temporal lobe epilepsy**  
P Satishchandra (India)
- p1010**      **Interictal Granger's causality synchronization in EEG, maps congruent BOLD changes in posterior quadrant epilepsy: a simultaneous EEG fMRI study**  
P Satishchandra (India)

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## Neuroimaging 6

- p1011**      **Sv2a protein levels in the kainic acid epilepsy rat model during the acute phase**  
Maria Elisa Serrano Navacerrada (Belgium)
- p1012**      **Neuropsychologic and metabolic changes in patients with left mesial temporal lobe epilepsy with hippocampal sclerosis after epilepsy surgery**  
Canan Güvenç (Belgium)
- p1014**      **Aiding surgical planning in epilepsy by applying dynamical approaches in conjunction with brain imaging**  
Nishant Sinha (United Kingdom)
- p1015**      **Automated epilepsy diagnosis and seizure focus lateralization based on deep learning**  
Boris Bernhardt (Canada)

- p1016**      **Whole-brain structural connectome disruptions in temporal lobe epilepsy: relation to hippocampal pathology**  
Boris Bernhardt (Canada)
- p1017**      **Directed functional connectivity in patients with focal epilepsy using low-density EEG**  
Ana Coito (Switzerland)
- p1018**      **Mapping the verbal semantic memory network before anterior temporal lobectomy using a combination of rTMS and fMRI**  
Moksh Sethi (Australia)
- p1019**      **Quantification of blood brain barrier impairment as biomarker of epileptogenesis**  
David Kala (Czech Republic)
- p1020**      **Developing an fMRI localizer task that can identify functional temporoparietal regions associated with episodic memory in individual participants**  
Marc Hendriks (Netherlands)
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## Neuroimaging 7

- p1021**      **Brain surface mapping of objectively defined glucose metabolic abnormalities before two-stage epilepsy surgery in children above 1 year of age**  
Csaba Juhasz (USA)
- p1022**      **The use of fMRI for predicting post-operative memory decline in temporal lobe epilepsy**  
Baris Metin (Turkey)
- p1023**      **Poorly controlled seizures disrupt resting state networks in patients with generalized epilepsies**  
Clarissa Yasuda (Brazil)
- p1024**      **Automated hippocampal volumetry profiles along the anterior-posterior axis for hippocampal sclerosis detection**  
Sjoerd B. Vos (United Kingdom)

# POSTERS

- p1025**      **Aberrant functional connectivity patterns of the default mode network in TLE-HS patients with anti-NMDAR antibodies**  
Nancy Watanabe (Brazil)
- p1026**      **Altered brain networks in patients with psychogenic non-epileptic seizures in ultra-high field MRI**  
Brittney Castrillin(Canada)
- p1027**      **Spatio-temporal characterization of neuronal activity in a zebrafish model of epileptic seizures**  
Teresa Gonçaves Martins (Luxembourg)
- p1028**      **Diffusion-weighted imaging in the baboon model of genetic generalized epilepsy**  
Felipe Salinas (USA)
- p1029**      **Temporal lobe epilepsy: qualitative reading of 1H MR spectroscopic images for pre-surgical evaluation in Uzbekistan**  
Jasurjon Fokhirov (Uzbekistan)
- p1030**      **Reliability of the diagnosis of heterotopia in patients with pharmacoresistant epilepsies**  
Dragoslav Sokic (Serbia)

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## Neuropsychology 4

- p1031**      **Social cognition impairment In Benign childhood epilepsy with centrotemporal spikes**  
Kette Dualibi Ramos Valente (Brazil)
- p1032**      **Post-traumatic epilepsy impact on cognitive and behavioural disorders in veterans of Afghan war and other local armed conflicts in Kyrgyz Republic with traumatic brain injury**  
Cholpon Shambetova (Kyrgyzstan)
- p1033**      **Psychological symptoms in patients with epilepsy**  
Eleftheria Siarava (Greece)

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- p1034**      **Risk factors for neuropsychological impairment in benign epilepsy with centrotemporal spikes**  
Issa Almashmoom (KSA)
- p1035**      **Development and validation of ictal cognitive testing and localization (ICTAL): an individualised hypothesis-testing tablet based neuropsychological test program to evaluate cognitive deficits during ictal EEG abnormalities, Wada-testing, intracranial EEG recordings and awake surgery**  
Marc Hendriks (Netherlands)
- p1036**      **Psychomotor development of patients with KCNQ2 epileptic Encephalopathy**  
Ilaria Tondo (Italy)
- p1037**      **Bilateral temporal lobe epilepsy versus unilateral temporal lobe epilepsy: do they have distinct neuropsychological profiles?**  
Martina Da Rold (Italy)
- p1038**      **An Indian extension of the radiosurgery or open surgery for epilepsy Trial (ROSE): a longitudinal study on the neuropsychological outcomes**  
Ashima Nehra (India)
- p1039**      **Cognitive outcomes following radiofrequency-thermocoagulation in temporal lobe epilepsy (TLE): preliminary data**  
Carmen Pérez-Enríquez (Spain)
- p1040**      **Lacosamide may preserve or improve cognition in epileptic patients: EpiTrack to compare cognition between lacosamide and carbamazepine**  
Natalia Manfredi (Italy)
- p1041**      **Autobiographical memory in temporal lobe epilepsy: comparison between pre- and post-surgical assessment**  
Claudia Múnera Martínez (Argentina)
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## Neurostimulation 3

- p1042**      **Intrathalamic high-frequency EEG can predict deep brain stimulation efficacy in epilepsy**  
Petr Klimes (Czech Republic)
- p1043**      **Efficacy of vagus nerve stimulation as a treatment for medically intractable epilepsy patients: preliminary results**  
Kezban Aslan (Turkey)
- p1044**      **Diurnal variation of potential ictal onsets detected by a responsive neurostimulation device**  
Paul Van Ness (USA)
- p1045**      **Clinical outcomes of VNS- aspire SR in patients with refractory epilepsy in Sheba Medical Centre (Israel)**  
Michal Tzadok (Israel)
- p1046**      **Ventral anterior cingulate gyrus: integration of body position and complex motor responses**  
Maria Centeno (United Kingdom)
- p1047**      **Cerebellar transcranial Direct Current Stimulation (tDCS) in drug-resistant epilepsy: preliminary results from 10 patients**  
Alessia Mingarelli (Italy)
- p1048**      **Vagal nerve stimulation for drug-resistant epilepsy: efficacy and adverse events in Epilepsy Centre of University Hospital Bratislava (Slovakia), with long-term follow-up**  
Gabriela Timárová (Slovakia)
- p1049**      **Selective deep brain stimulation in the substatia nigra in progressive myoclonic epilepsy**  
Lukas Imbach (Switzerland)
- p1050**      **VNS, ICD and pacemaker: a safety challenge in 5 years old child with long QT syndrome and drug resistant epilepsy**  
Marco Perulli (Italy)
- p1051**      **Melancholics ordinarily become epileptics, and epileptics, melancholics: what determines the preference is the direction the malady takes**  
Andrei Vlaicu (France)

## Paediatric Epileptology 12

- p1052**      **Sleep disorders in children and adolescents with epilepsy: an observational study**  
Francesca Furia (Italy)
- p1053**      **Predicting factors and outcome of PCDH19-related epilepsy: a multicentre study of 61 Italian patients**  
Marina Trivisano (Italy)
- p1054**      **Late-onset epileptic spasms in congenital hyperinsulinism by mutation in ABCC8 gene**  
Gemma Aznar-Lain (Spain)
- p1056**      **Dietary treatment of children with epilepsy: simple interventions lead to a near threefold increase in retention rate**  
Kathrine C. Haavardsholm (Norway)
- p1057**      **Paradoxical ictal EEG lateralization in children with hemiplegic cerebral palsy with refractory epilepsy**  
Munni Ray (United Kingdom)
- p1058**      **Epilepsia partialis continua and Gliomatosis cerebri: a rare association**  
Giulia Prato (Italy)
- p1059**      **Interleukin-1beta and tumour necrosis factor-alpha in children with febrile seizures**  
Dina Salama Abd Elmagid (Egypt)
- p1060**      **Profile of epileptic seizures of adolescence according to operational classification of seizure types by the international league against epilepsy**  
Carmen Silvia Molleis Galego Miziara (Brazil)
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## Paediatric Epileptology 13

- p1061**      **Reliability and validity 'impact of paediatric epilepsy scale' of Turkish version in children with epilepsy**  
Müberra Tanriverdi (Turkey)
- p1062**      **Comparison clinical characteristics of influenza associated febrile convulsion and febrile convulsions without influenza in children**  
Sung Koo Kim (Korea, Republic of)
- p1063**      **A case of Rasmussen encephalitis with positive anti-GAD antibodies treated with rituximab**  
Osama Muthaffar (KSA)
- p1064**      **Electroclinical features of epilepsy in three female patients with KIAA2022 mutation**  
Hiroko Ikeda (Japan)
- p1065**      **Characteristics of polymicrogyria-related epilepsy**  
Ara Ko (Korea, Republic of)
- p1066**      **Efficacy, acceptability and tolerability of low glycemic index diet in South Indian children with refractory epilepsy**  
Nivedita Pavithran (India)
- p1067**      **A questionnaire-based study on effect of different antiepileptic drugs (AEDs) relative to sleep problems in children with genetic epilepsy in Georgia**  
Sofia Kasradze (Georgia)
- p1068**      **Significance of functional connectivity before and after corpus callosotomy or hemispherotomy in paediatric epilepsy patients**  
Ara Ko (Korea, Republic of)
- p1069**      **Epilepsy in children with tuberous sclerosis complex: Ljubljana University Children's hospital experience**  
Jasna Oražem Mrak (Slovenia)
- p1070**      **A new computer based algorithm for calculating ketogenic parenteral nutrition in childhood epileptic encephalopathies**  
Anastasia Dressler (Austria)

- p1071**      **Drug utilization patterns in children with refractory epilepsy at a tertiary referral center in Serbia**  
Natasa Cerovac (Serbia)

## Paediatric Epileptology 14

- p1072**      **Long-term seizure and developmental outcome in surgical cases of infantile epileptic encephalopathies**  
Kenji Sugai (Japan)
- p1073**      **Intraoperative in vivo thermography in safety control of the electrical stimulation mapping**  
Radek Janca (Czech Republic)
- p1074**      **Autoimmune epilepsy in children: identification and management strategies**  
Sheffali Gulati (India)
- p1075**      **Association between LQT syndrome and epilepsy in a family with KCNQ1 variant**  
Sema Saltik (Turkey)
- p1076**      **Ketogenic diet service – spectrum of referred cases according to age**  
Carmen Sandu (Romania)
- p1077**      **Adverse effects of antiepileptic drugs reported by caregivers as a surrogate marker of quality of life and mental health in children with epilepsy**  
Laura Guilhoto (Brazil)
- p1078**      **Occipital intermittent rhythmic delta activity (OIRDA) in children**  
Anna Winczewska-Wiktor (Poland)
- p1079**      **The clinical and electroencephalographic spectrum of ESES (Encephalopathy with status epilepticus in sleep) in Indian children**  
Biswaroop Chakrabarty (India)
- p1080**      **Deletion of the SHANK3 gene and epilepsy: about 5 cases**  
Nicole Chemaly (France)
- p1081**      **Acute encephalopathy in a child with Dravet syndrome**  
Sofia Quintas (Portugal)

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## Paediatric Epileptology 15

- p1082**      **Lysine restriction in pyridoxine dependent epilepsy; results after 2 years of follow-up**  
Hans Hartmann (Germany)
- p1083**      **Starting antiepileptic medications by non-specialists: what are the hazards?**  
Noha Tharwat (Egypt)
- p1084**      **Features of epilepsy and cerebral palsy in children in Uzbekistan**  
Dilshod Tolibov (Uzbekistan)
- p1085**      **Early onset epileptic encephalopathy caused by SCN2A and SPTAN1 mutations**  
Ana Boban Raguž (Bosnia and Herzegovina)
- p1086**      **Steroid therapy in West syndrome-case-series analysis**  
Ilona Kopyta (Poland)
- p1087**      **Treatment of epilepsy of infancy with migrating focal seizures associated with a novel CDKL5 mutation with potassium bromide**  
Olcaý Ünver (Turkey)
- p1088**      **The prevalence of autistic spectrum disorder in children with epilepsy**  
Lamia Sfaihi (Tunisia)
- p1089**      **Pathogenic variants in KCTD7 perturb neuronal K<sup>+</sup> fluxes and glutamine transport**  
Hebatallah El Khashab (Egypt)
- p1090**      **Juvenile myoclonic epilepsy in Morocco: experience of Marrakesh third level hospital**  
Mustapha Chaqda (Morocco)
- p1091**      **Pilotage study of cannabinoids (THC and CBD) as add-on therapy in children with refractory epilepsy**  
Agata Ulatowska (Poland)
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## Paediatric Epileptology 16

- p1092 Malformations of cortical development and epilepsy: about 20 cases**  
Lamia Sfaihi (Tunisia)
- p1093 Neurological complications following pertussis vaccination**  
Sergio Antoniuk (Brazil)
- p1094 Treatment and outcome of West syndrome: about 22 cases**  
Lamia Sfaihi (Tunisia)
- p1095 Auto-immune anti-N-methyl-D-aspartate receptor (anti-NMDAR) encephalitis: three case reports**  
Hebatallah El Khashab (Egypt)
- p1096 West syndrome: clinical characteristics, treatment and outcome**  
Evelyn Lora (Dominican Republic)
- p1097 Treatment approaches in pharmaco-resistant childhood epilepsies**  
Oksana Globa (Russia)
- p1098 Updates to the Lafora Epilepsy Cure Initiative (LECI) clinical centre: development of a data collection tool for measurement of Lafora Epilepsy Disease Progression**  
Viet-Huong Nguyen (USA)
- p1099 Mathematical modelling of melatonin diurnal secretion in children with epilepsy**  
Justyna Paprocka (Poland)
- p1100 Angelman syndrome – mathematical modelling of melatonin secretion**  
Justyna Paprocka (Poland)
- p1101 Behavioural problems and psychosocial functioning in adolescents with epilepsy**  
Madhu Nayak (India)
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# POSTERS

SUNDAY 3<sup>rd</sup> SEPTEMBER

## Adult Epileptology 1

- p0091**      **Association between environmental ozone levels and increased epileptic seizures in patients with epilepsy in a hospital in Mexico City**  
Victor Gomez-Arias (Mexico)
- p0092**      **A case of N-methyl-D-aspartate receptor antibodies associated autoimmune temporal lobe epilepsy with amygdala enlargement**  
Go Taniguchi (Japan)
- p0093**      **Portosystemic shunt: an important differential diagnosis of consciousness disturbance in middle age**  
Shunsuke Kajikawa (Japan)
- p0094**      **Predictors of outcome in patients with acute symptomatic seizure**  
Gopal Krishna Dash (India)
- p0095**      **Headaches associated with symptomatic epilepsy in adults**  
Sanja Atic (Serbia)
- p0096**      **Temporal lobe epilepsy with amygdala enlargement: a clinical study**  
Masanaka Takeda (Japan)
- p0097**      **Epilepsy and neuropsychiatric lupus: case report and literature review**  
Guadalupe Bonilla Mejia (Ecuador)
- p0098**      **Clinical characteristics of epileptic seizures associated with protein S deficiency**  
Masako Kinoshita (Japan)
- p0099**      **Musicogenic epilepsy – an autoimmune-mediated condition?**  
Anke Maren Staack (Germany)
- p0100**      **Factors affecting the number of oligodendrocytes in human temporal lobe epilepsy: a clinicopathological study**  
Hajime Miyata (Japan)

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# OTHER INFORMATION

## SPEAKERS LIST

Surname	Firstname	Country	Role	Date	Start Time	End Time	Session Type
Alarcon	Gonzalo	Qatar	Speaker	04/09/2017	15:30	17:00	Parallel
Andrzejak	Ralph	Spain	Speaker	06/09/2017	09:30	11:30	Main
Arzimanoglou	Alexis	France	Speaker	04/09/2017	12:00	13:30	Parallel
Arzimanoglou	Alexis	France	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Arzimanoglou	Alexis	France	Speaker	05/09/2017	17:00	18:00	ATE
Arzimanoglou	Alexis	France	Chair	05/09/2017	15:00	15:30	Awards Symposium
Arzimanoglou	Alexis	France	Speaker	03/09/2017	16:30	18:00	Satellite Symposium
Asadi-Pooya	Ali	Iran	Speaker	03/09/2017	12:00	13:30	Parallel
Asadi-Pooya	Ali	Iran	Chair	03/09/2017	12:00	13:30	Parallel
Auvin	Stéphane	France	Speaker	02/09/2017	17:00	18:30	Parallel
Auvin	Stéphane	France	Chair	02/09/2017	17:00	18:30	Parallel
Bach Justesen	Anders	Denmark	Technician	04/09/2017	08:00	09:30	Teaching Programme
Bach Justesen	Anders	Denmark	Technician	05/09/2017	08:00	09:30	Teaching Programme
Baulac	Michel	France	Chair	04/09/2017	15:30	16:30	Platform
Baumgartner	Christoph	Austria	Speaker	04/09/2017	12:00	13:30	Parallel
Beniczky	Sandor	Denmark	Speaker	02/09/2017	13:00	14:30	Teaching Programme
Beniczky	Sandor	Denmark	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Beniczky	Sandor	Denmark	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Beniczky	Sandor	Denmark	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Ben-Zeev	Bruria	Israel	Speaker	05/09/2017	12:00	13:30	Parallel
Berkovic	Sam	Australia	Speaker	03/09/2017	17:00	18:00	Video Series
Bernard	Chrisophe	France	Speaker	02/09/2017	17:00	18:30	Parallel
Bernard	Christophe	France	Chair	02/09/2017	17:00	18:30	Parallel
Bertram	Ed	USA	Chair	05/09/2017	15:30	16:30	Platform
Bhathal	Hari	Spain	Speaker	05/09/2017	12:00	13:30	Parallel
Bhathal	Hari	Spain	Chair	05/09/2017	09:30	11:30	Main
Bhathal	Hari	Spain	Chair	02/09/2017	15:30	17:00	Satellite Symposium
Birbeck	Gretchen	Zambia	Speaker	03/09/2017	12:00	13:30	Parallel
Birbeck	Gretchen	Zambia	Speaker	05/09/2017	08:00	09:30	Teaching Programme

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Birbeck	Gretchen	Zambia	Chair	03/09/2017	12:00	13:30	Parallel
Blumenfeld	Hal	USA	Speaker	05/09/2017	12:00	13:30	Parallel
Bonhila	Leonardo	USA	Speaker	02/09/2017	17:00	18:30	Parallel
Boon	Paul	Belgium	Chair	03/09/2017	08:00	09:30	Satellite Symposium
Brambilla	Isabella	Italy	Speaker	02/09/2017	15:30	17:00	Satellite Symposium
Brandt	Christian	Germany	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Brodie	Martin	United Kingdom	Speaker	02/09/2017	13:00	14:30	Teaching Programme
Burneo	Jorge	Canada	Chair	04/09/2017	15:30	16:30	Platform
Canuet Delis	Leonides	Spain	Speaker	03/09/2017	08:00	09:30	Satellite Symposium
Caraballo	Roberto	Argentina	Speaker	03/09/2017	12:00	13:30	Parallel
Caraballo	Roberto	Argentina	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Caraballo	Roberto	Argentina	Chair	03/09/2017	12:00	13:30	Parallel
Carette	Evelien	Belgium	Speaker	03/09/2017	08:00	09:30	Satellite Symposium
Caroline	Morton	Netherlands	Chair	03/09/2017	15:30	16:30	Platform
Carreño	Mar	Spain	Speaker	05/09/2017	18:00	19:30	Satellite Symposium
Carreño	Mar	Spain	Speaker	04/09/2017	15:30	17:00	Parallel
Castillo	Eduardo.M	USA	Speaker	06/09/2017	09:30	11:30	Main
Cendes	Fernando	Brazil	Speaker	03/09/2017	12:00	13:30	Parallel
Chahnez	Charfi Triki	Tunisia	Chair	05/09/2017	15:30	16:30	Platform
Christensen	Jakob	Denmark	Chair	04/09/2017	15:30	16:30	Platform
Cook	Mark	Australia	Speaker	04/09/2017	12:00	13:30	Parallel
Cook	Mark	Australia	Chair	04/09/2017	12:00	13:30	Parallel
Craiu	Dana	Romania	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Cross	Helen	United Kingdom	Speaker	03/09/2017	12:00	13:30	Parallel
Cross	Helen	United Kingdom	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Cross	Helen	United Kingdom	Chair	03/09/2017	12:00	13:30	Parallel
Cross	Helen	United Kingdom	Chair	02/09/2017	14:30	15:00	Awards Symposium
Cross	Helen	United Kingdom	Chair	02/09/2017	15:30	17:00	Satellite Symposium
Cunningham	Mark	United Kingdom	Speaker	03/09/2017	18:10	19:40	Satellite Symposium

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# OTHER INFORMATION

## SPEAKERS LIST

Danzer	Steve	USA	Speaker	03/09/2017	12:00	14:00	Neurobiology Symposium
de Curtis	Marco	Italy	Chair	03/09/2017	12:00	14:00	Main
De Weerd	Al	Netherlands	Speaker	02/09/2017	13:00	14:30	Teaching Programme
De Weerd	Al	Netherlands	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Delanty	Norman	Ireland	Speaker	05/09/2017	17:00	18:00	Debate
Delgado-Escueta	Antonio	Spain	Chair	02/09/2017	17:00	18:30	Parallel
Delgado-Escueta	Antonio	Spain	Speaker	02/09/2017	17:00	18:30	Parallel
Diehl	Beate	United Kingdom	Speaker	04/09/2017	15:30	17:00	Parallel
Dinkelacker	Vera	France	Speaker	06/09/2017	09:30	11:30	Main
Dong Kim	Heung	Republic of Korea	Speaker	03/09/2017	12:00	13:30	Parallel
Dong Kim	Heung	Republic of Korea	Chair	03/09/2017	15:30	16:30	Platform
Eisermann	Monika	France	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Eisermann	Monika	France	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Eisermann	Monika	France	Speaker	05/09/2017	12:00	13:30	Parallel
Eisermann	Monika	France	Chair	05/09/2017	12:00	13:30	Parallel
Engel	Jerome	USA	Chair	05/09/2017	15:30	16:30	Platform
Focke	Neils	Germany	Speaker	06/09/2017	09:30	11:30	Main
French	Jacqueline	USA	Speaker	05/09/2017	09:30	11:30	Main
French	Jacqueline	USA	Speaker	05/09/2017	17:00	18:00	Debate
French	Jacqueline	USA	Speaker	06/09/2017	08:00	09:00	Teaching Programme
French	Jacqueline	USA	Speaker	04/09/2017	17:00	18:00	ATE
French	Jacqueline	USA	Speaker	03/09/2017	17:00	18:00	Video Series
French	Jacqueline	USA	Chair	05/09/2017	09:30	11:30	Main
Friedman	Daniel	USA	Speaker	05/09/2017	12:00	13:30	Parallel
Friedman	Daniel	USA	Speaker	05/09/2017	17:00	18:00	Debate
Fusco	Lucia	Italy	Speaker	04/09/2017	12:00	13:30	Parallel
Fusco	Lucia	Italy	Chair	04/09/2017	12:00	13:30	Main
Galanopoulou	Aristea	USA	Speaker	04/09/2017	12:00	13:30	Parallel
Galanopoulou	Aristea	USA	Chair	04/09/2017	12:00	13:30	Parallel

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Gambardella	Antonio	Italy	Chair	05/09/2017	15:30	16:30	Platform
Garcia-Cairasco	Norberto	Brazil	Speaker	03/09/2017	12:00	14:00	Neurobiology Symposium
Garcia-Cairasco	Norberto	Brazil	Chair	03/09/2017	12:00	14:00	Main
Gattone	Phil	USA	Speaker	04/09/2017	12:00	13:30	Parallel
Gattone	Phil	USA	Chair	04/09/2017	12:00	13:30	Parallel
Genton	Pierre	France	Speaker	02/09/2017	17:00	18:30	Parallel
Gentry	Matthew	USA	Speaker	02/09/2017	17:00	18:30	Parallel
Gil Nagel	Antonio	Spain	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Gil-Nagel	Antonio	Spain	Speaker	04/09/2017	15:30	17:00	Parallel
Gil-Nagel	Antonio	Spain	Chair	06/09/2017	09:30	11:30	Parallel
Gil-Nagel	Antonio	Spain	Chair	04/09/2017	18:00	19:30	Satellite Symposium
Giovannini	Giada	Italy	Speaker	03/09/2017	12:00	13:30	Parallel
Gotman	Jean	Canada	Speaker	03/09/2017	12:00	13:30	Parallel
Gotman	Jean	Canada	Chair	03/09/2017	15:30	16:30	Platform
Guekht	Alla	Russia	Speaker	02/09/2017	13:00	14:30	Teaching Programme
Guekht	Alla	Russia	Chair	04/09/2017	15:30	16:30	Platform
Guerrini	Renzo	Italy	Speaker	05/09/2017	12:00	13:30	Parallel
Guinovart	Joan	Spain	Speaker	02/09/2017	17:00	18:30	Parallel
Gulati	Shefalli	India	Chair	05/09/2017	12:00	13:30	Parallel
Gussow	Ayal	USA	Speaker	02/09/2017	17:00	18:30	Parallel
Guye	Maxime	France	Speaker	03/09/2017	12:00	14:00	Neurobiology Symposium
Hanna	Jane	United Kingdom	Speaker	05/09/2017	12:00	13:30	Parallel
Hanna	Jane	United Kingdom	Chair	05/09/2017	12:00	13:30	Parallel
Haut	Sheryl	USA	Speaker	04/09/2017	09:30	11:30	Main
Haut	Sheryl	USA	Chair	04/09/2017	09:30	11:30	Main
Hayes	Brian	Ireland	Speaker	02/09/2017	17:00	18:30	Parallel
Helmstaeder	Christoph	Germany	Chair	05/09/2017	12:00	13:30	Parallel
Helmstaedter	Christoph	Germany	Speaker	04/09/2017	17:00	18:00	Debate
Helmstaedter	Christoph	Germany	Speaker	05/09/2017	12:00	13:30	Parallel
Henshall	David	Ireland	Speaker	02/09/2017	17:00	18:30	Parallel

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# OTHER INFORMATION

## SPEAKERS LIST

Henshall	David	Ireland	Chair	02/09/2017	17:00	18:30	Parallel
Hirose	Shinichi	Japan	Speaker	05/09/2017	12:00	13:30	Parallel
Hirose	Shinichi	Japan	Chair	05/09/2017	09:30	11:30	Main
Hirose	Shinichi	Japan	Chair	05/09/2017	12:00	13:30	Parallel
Holtkamp	Martin	Germany	Speaker	05/09/2017	18:00	19:30	Satellite Symposium
Huberfeld	Gilles	France	Speaker	03/09/2017	18:10	19:40	Satellite Symposium
Ikeda	Akio	Japan	Chair	05/09/2017	17:00	18:00	Platform
Irani	Sarosh	United Kingdom	Speaker	04/09/2017	12:00	13:30	Parallel
Irani	Sarosh	United Kingdom	Chair	04/09/2017	12:00	13:30	Parallel
Isla	Julian	Spain	Speaker	04/09/2017	12:00	13:30	Parallel
Jacob	John	United Kingdom	Speaker	02/09/2017	17:00	18:30	Parallel
Jacob	John	United Kingdom	Chair	02/09/2017	17:00	18:30	Parallel
Jain	Satish	India	Chair	03/09/2017	15:30	16:30	Platform
Jain	Satish	India	Speaker	03/09/2017	09:30	11:30	Presidential Symposium
Jette	Nathalie	Canada	Speaker	04/09/2017	09:30	11:30	Main
Kakooza	Angelina	Uganda	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Kälviäinen	Reetta	Finland	Speaker	02/09/2017	17:00	18:30	Parallel
Kang	Hoon-Chul	Republic of Korea	Speaker	03/09/2017	12:00	14:00	Neurobiology Symposium
Kapur	Jaideep	USA	Chair	04/09/2017	17:00	18:00	Platform
Kato	Mitsuhiro	Japan	Speaker	05/09/2017	09:30	11:30	Main
Katona	Istvan	Hungary	Speaker	05/09/2017	12:00	13:30	Parallel
Keller	Simon	United Kingdom	Speaker	02/09/2017	17:00	18:30	Parallel
Keller	Simon	United Kingdom	Chair	02/09/2017	17:00	18:30	Parallel
Kotulska- Józwiak	Katarzyna	Poland	Speaker	05/09/2017	12:00	13:30	Parallel
Koutroumanidis	Michaelis	United Kingdom	Speaker	02/09/2017	13:00	14:30	Teaching Programme
Krauss	Gregory	USA	Speaker	04/09/2017	09:30	11:30	Main
Lagae	Lieven	Belgium	Speaker	02/09/2017	17:00	18:30	Parallel
Lagae	Lieven	Belgium	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Lagae	Lieven	Belgium	Chair	03/09/2017	16:30	18:00	Satellite Symposium

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Lagae	Lieven	Belgium	Speaker	03/09/2017	16:30	18:00	Satellite Symposium
Lagae	Lieven	Belgium	Speaker	03/09/2017	16:30	18:00	Satellite Symposium
Lee	Byung-In	Republic of Korea	Speaker	04/09/2017	12:00	13:30	Parallel
Leijten	Frans	Netherlands	Speaker	04/09/2017	12:00	13:30	Parallel
Leijten	Frans	Netherlands	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Leitjen	Frans	Netherlands	Chair	03/09/2017	15:30	16:30	Platform
Lerche	Holger	Germany	Speaker	05/09/2017	09:30	11:30	Main
Li	Zhiyuan	China	Speaker	05/09/2017	12:00	13:30	Parallel
Li	Shichuo	China	Chair	04/09/2017	15:30	16:30	Platform
Lopes-Cendes	Iscia	Brazil	Chair	04/09/2017	15:30	16:30	Platform
Lorber	Bogdan	Slovenia	Speaker	02/09/2017	13:00	14:30	Teaching Programme
Lowenstein	Daniel	USA	Speaker	05/09/2017	09:30	11:30	Main
M de la Prida	Liset	Spain	Speaker	02/09/2017	17:00	18:30	Parallel
Marikainen	Paavo	Finland	Speaker	04/09/2017	12:00	13:30	Parallel
Marusic	Petr	Czech Republic	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Mathern	Gary	USA	Speaker	03/09/2017	12:00	13:30	Parallel
Mathern	Gary	USA	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Mathern	Gary	USA	Chair	03/09/2017	15:30	16:30	Platform
McMurray	Rob	United Kingdom	Chair	05/09/2017	18:00	19:30	Satellite Symposium
Mesraoua	Boulenouar	Qatar	Speaker	03/09/2017	12:00	13:30	Parallel
Milh	Mathieu	France	Speaker	04/09/2017	12:00	13:30	Parallel
Minassin	Berge	Canada	Speaker	02/09/2017	17:00	18:30	Parallel
Mizrahi	Eli	USA	Speaker	05/09/2017	17:00	18:00	Video Series
Moseley	Brian D.	United States	Speaker	02/09/2017	15:30	17:00	Satellite Symposium
Moshe	Solomon	USA	Speaker	03/09/2017	09:30	11:30	Presidential Symposium
Moshe	Solomon	USA	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Moshe	Nico	USA	Chair	05/09/2017	15:30	16:30	Platform
Mula	Marco	United Kingdom	Speaker	04/09/2017	12:00	13:30	Parallel
Mula	Marco	United Kingdom	Speaker	06/09/2017	08:00	09:00	Teaching Programme

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# OTHER INFORMATION

## SPEAKERS LIST

Mula	Marco	United Kingdom	Chair	04/09/2017	12:00	13:30	Parallel
Nabbout	Rima	France	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Nabbout	Rima	France	Speaker	05/09/2017	09:30	11:30	Main
Nabbout	Rima	France	Speaker	05/09/2017	17:00	18:00	ATE
Nabbout	Rima	France	Chair	04/09/2017	12:00	13:30	Parallel
Nabbout	Rima	France	Chair	05/09/2017	09:30	11:30	Main
Nabbout	Rima	France	Speaker	04/09/2017	18:00	19:30	Satellite Symposium
Nehlig	Astrid	France	Chair	05/09/2017	15:30	16:30	Platform
Nehlig	Astrid	France	Chair	04/09/2017	15:00	15:30	Awards Symposium
Nicola	Specchio	Italy	Chair	04/09/2017	15:30	16:30	Platform
Nowak	Rafal	Spain	Chair	06/09/2017	09:30	11:30	Parallel
O'Brien	Terrence	Australia	Speaker	04/09/2017	09:30	11:30	Main
O'Brien	Terrence	Australia	Chair	04/09/2017	09:30	11:30	Main
O'Brien	Terence	Australia	Speaker	03/09/2017	18:10	19:40	Satellite Symposium
Okano	Hideyuki	Japan	Speaker	05/09/2017	12:00	13:30	Parallel
Okumura	Akihisa	Japan	Speaker	04/09/2017	12:00	13:30	Parallel
Ouss	Lisa	France	Speaker	05/09/2017	12:00	13:30	Parallel
Ozkara	Cigdem	Turkey	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Parent	Jack M	USA	Speaker	03/09/2017	17:00	18:00	Debate
Parent	Jack M	USA	Speaker	05/09/2017	12:00	13:30	Parallel
Parent	Jack M	USA	Chair	05/09/2017	12:00	13:30	Parallel
Parra	Jaime	Spain	Chair	05/09/2017	12:00	13:30	Parallel
Patterson	Victor	Nepal	Speaker	03/09/2017	12:00	13:30	Parallel
Perucca	Emilio	Italy	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Perucca	Emilio	Italy	Chair	02/09/2017	14:30	15:00	Awards Symposium
Pesantez Cuesta	Galo	Ecuador	Chair	04/09/2017	15:30	16:30	Platform
Pittock	Sean	USA	Speaker	04/09/2017	12:00	13:30	Parallel
Pohlmann-Eden	Bernard	Canada	Chair	04/09/2017	15:30	16:30	Platform
Pressler	Ronit	United Kingdom	Speaker	05/09/2017	17:00	18:00	Video Series
Pressler	Ronit	United Kingdom	Chair	05/09/2017	15:30	16:30	Platform

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Rampp	Stefan	Germany	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Recktor	Ivan	Czech Republic	Chair	05/09/2017	17:00	18:00	Platform
Reuber	Markus	United Kingdom	Speaker	04/09/2017	09:30	11:30	Main
Riney	Kate	Australia	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Roach	Peter	USA	Speaker	02/09/2017	17:00	18:30	Parallel
Rocamora	Rodrigo Albert	Spain	Chair	03/09/2017	12:00	13:30	Parallel
Rosenow	Felix	Germany	Speaker	02/09/2017	17:00	18:30	Parallel
Rosenow	Felix	Germany	Speaker	03/09/2017	17:00	18:00	Debate
Rosenow	Felix	Germany	Chair	02/09/2017	17:00	18:30	Parallel
Russi	Antonio	Spain	Chair	03/09/2017	12:00	13:30	Parallel
Ryvin	Philippe	Switzerland	Speaker	04/09/2017	09:30	11:30	Main
Ryvin	Philippe	Switzerland	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Ryvin	Philippe	Switzerland	Chair	04/09/2017	09:30	11:30	Main
Salas-Puig	Javier	Spain	Chair	03/09/2017	12:00	13:30	Parallel
San Antonio-Arce	Victoria	Spain	Speaker	02/09/2017	15:30	17:00	Satellite Symposium
Sander	Ley	United Kingdom	Speaker	03/09/2017	16:30	18:00	Satellite Symposium
Sankar	Raman	United States	Speaker	03/09/2017	18:00	19:30	Satellite Symposium
Satischandra	Parthasarthy	India	Speaker	05/09/2017	09:30	11:30	Main
Scheffer	Ingrid	Australia	Speaker	02/09/2017	17:00	18:30	Parallel
Scheffer	Ingrid	Australia	Speaker	03/09/2017	09:30	11:30	Presidential Symposium
Scheffer	Ingrid	Australia	Speaker	04/09/2017	08:00	09:30	Teaching Programme
Scheffer	Ingrid	Australia	Speaker	03/09/2017	17:00	18:00	ATE
Scheffer	Ingrid	Australia	Speaker	04/09/2017	17:00	18:00	Video Series
Schmidt	Dieter	Germany	Chair	05/09/2017	15:30	16:30	Platform
Schmidt	Dieter	Germany	Chair	03/09/2017	15:00	15:30	Awards Symposium
Schulz	Angela	Germany	Chair	03/09/2017	18:00	19:30	Satellite Symposium
Schulz	Angela	Germany	Speaker	03/09/2017	18:00	19:30	Satellite Symposium
Schulze-Bonhage	Andreas	Germany	Speaker	04/09/2017	12:00	13:30	Parallel
Schulze-Bonhage	Andreas	Germany	Speaker	04/09/2017	17:00	18:00	Debate

# OTHER INFORMATION

## SPEAKERS LIST

Scott	Rodney	United Kingdom	Speaker	03/09/2017	12:00	14:00	Neurobiology Symposium
Serratos	Jose	Spain	Speaker	02/09/2017	17:00	18:30	Parallel
Serratos	Jose Maria	Spain	Chair	04/09/2017	15:30	17:00	Parallel
Serratos	Jose	Spain	Chair	02/09/2017	17:00	18:30	Parallel
Shankar	Rohit	United Kingdom	Speaker	05/09/2017	12:00	13:30	Parallel
Shorvon	Simon	United Kingdom	Chair	03/09/2017	12:00	13:30	Parallel
Simon	Shorvon	United Kingdom	Speaker	03/09/2017	12:00	13:30	Parallel
Simonato	Michele	Italy	Speaker	02/09/2017	17:00	18:30	Parallel
Skaarup	Christian	Denmark	Technician	04/09/2017	08:00	09:30	Teaching Programme
Skaarup	Christian	Denmark	Technician	05/09/2017	08:00	09:30	Teaching Programme
Soffietti	Riccardo	Italy	Chair	03/09/2017	18:10	19:40	Satellite Symposium
Sofia	Francesca	Italy	Chair	02/09/2017	17:00	18:30	Parallel
Specchio	Nicola	Italy	Speaker	03/09/2017	18:00	19:30	Satellite Symposium
Specchio	Nicola	Italy	Speaker	04/09/2017	18:00	19:30	Satellite Symposium
Sperling	Mike	USA	Chair	03/09/2017	15:00	15:30	Awards Symposium
Stefan	Hermann	Germany	Speaker	03/09/2017	08:00	09:30	Satellite Symposium
Steinhoff	Bernhard J.	Germany	Speaker	04/09/2017	18:00	19:30	Satellite Symposium
Surges	Rainer	Germany	Speaker	03/09/2017	17:00	18:00	Debate
Surges	Rainer	Germany	Speaker	05/09/2017	12:00	13:30	Parallel
Surges	Rainer	Germany	Speaker	02/09/2017	15:30	17:00	Satellite Symposium
TAN	CT	Malaysia	Speaker	03/09/2017	12:00	13:30	Parallel
Tervonen	Sari	Finland	Chair	02/09/2017	17:00	18:30	Parallel
Theodore	William	USA	Chair	04/09/2017	15:30	16:30	Platform
Thompson	Pamela	United Kingdom	Speaker	04/09/2017	17:00	18:00	Debate
Thompson	Pamela	United Kingdom	Speaker	05/09/2017	12:00	13:30	Parallel
Thompson	Pamela	United Kingdom	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Thompson	Pamela	United Kingdom	Chair	05/09/2017	12:00	13:30	Parallel
Tinuper	Paolo	Italy	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Tomson	Torbjorn	Sweden	Speaker	05/09/2017	12:00	13:30	Parallel

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Tomson	Torbjorn	Sweden	Speaker	05/09/2017	17:00	18:00	Debate
Tomson	Torbjorn	Sweden	Speaker	04/09/2017	17:00	18:00	ATE
Tomson	Torbjorn	Sweden	Chair	05/09/2017	12:00	13:30	Parallel
Trinka	Eugen	Austria	Speaker	03/09/2017	12:00	13:30	Parallel
Trinka	Eugen	Austria	Speaker	04/09/2017	17:00	18:00	Debate
Tripathi	Manjari	India	Speaker	02/09/2017	17:00	18:30	Parallel
Valente	Kette	Brazil	Speaker	04/09/2017	12:00	13:30	Parallel
Valentin	Antonio	United Kingdom	Chair	04/09/2017	15:30	17:00	Parallel
Van Campen	Jolien	Netherlands	Speaker	04/09/2017	09:30	11:30	Main
van Emde Boas	Walter	Netherlands	Speaker	06/09/2017	08:00	09:00	Teaching Programme
Veggiotti	Pierangelo	Italy	Speaker	03/09/2017	12:00	13:30	Parallel
Verrier	Richard	United States	Chair	02/09/2017	15:30	17:00	Satellite Symposium
Verrier	Richard	United States	Speaker	02/09/2017	15:30	17:00	Satellite Symposium
Vezzani	Annamaria	Italy	Speaker	04/09/2017	12:00	13:30	Parallel
Vezzani	Annamaria	Italy	Chair	04/09/2017	12:00	13:30	Parallel
Vigevano	Federico	Italy	Speaker	05/09/2017	09:30	11:30	Main
Villani	Flavio	Italy	Chair	05/09/2017	15:30	16:30	Platform
Villanueva	Vicente	Spain	Chair	05/09/2017	12:00	13:30	Parallel
Villanueva	Vicente	Spain	Speaker	05/09/2017	18:00	19:30	Satellite Symposium
Walker	Matthew	United Kingdom	Chair	03/09/2017	18:10	19:40	Satellite Symposium
Wiebe	Sam	Canada	Speaker	03/09/2017	17:00	18:00	Debate
Wiebe	Sam	Canada	Speaker	05/09/2017	09:30	11:30	Main
Wiebe	Sam	Canada	Speaker	05/09/2017	08:00	09:30	Teaching Programme
Wilmshurst	Jo	South Africa	Speaker	03/09/2017	08:00	09:30	Teaching Programme
Wilmshurst	Jo	South Africa	Speaker	04/09/2017	12:00	13:30	Parallel
Wilmshurst	Jo	South Africa	Chair	04/09/2017	12:00	13:30	Parallel
Wolf	Peter	Denmark	Chair	05/09/2017	15:30	16:30	Platform
Zijlmans	Maeike	Netherlands	Speaker	03/09/2017	12:00	13:30	Parallel
Zijlmans	Maeike	Netherlands	Speaker	03/09/2017	08:00	09:30	Teaching Programme

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## SPEAKERS LIST

Zijlmans	Maeike	Netherlands	Chair	03/09/2017	15:30	16:30	Platform
Zou	Li-Ping	China	Speaker	05/09/2017	12:00	13:30	Parallel
Zuberi	Sameer	United Kingdom	Speaker	03/09/2017	09:30	11:30	Presidential Symposium
Zuberi	Sameer	United Kingdom	Speaker	03/09/2017	17:00	18:00	ATE
Zuberi	Sameer	United Kingdom	Speaker	04/09/2017	17:00	18:00	Video Series
Zuberi	Sameer	United Kingdom	Chair	03/09/2017	15:30	16:30	Platform
Zuberi	Sameer	United Kingdom	Speaker	02/09/2017	15:30	17:00	Satellite Symposium

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28<sup>TH</sup> JUNE-1<sup>ST</sup> JULY 2018

12<sup>TH</sup> ASIAN & OCEANIAN EPILEPSY CONGRESS



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# OTHER INFORMATION

## EXHIBITORS LIST

Exhibitor	Stand #
Empatica	1
LEMER PAX	2
Qubitech Health Intelligence S.L.	
Holberg EEG	3
GW Pharmaceuticals	4
EURAP	5
Nihon Kohden Europe GmbH	6
Medtech SA	7
Special Products Ltd	8
AIT Austrian Institute of Technology	9
Neuralynx	10
Natus Neurology Incorporated	11
JOHN LIBBEY EUROTTEXT	12
British Paediatric Neurology Association	13
Matthew's Friends Ketogenic Therapies	
The Anita Kaufmann Foundation	
Purple Day Japan	
American Clinical MEG Society (ACMEGS)	
EpiNet Study Group	
York Instruments	13a
Bial - Portela & C <sup>a</sup> ; S.A.	14
Renishaw Mayfield SA	15
UCB BIOPHARMA SPRL	16
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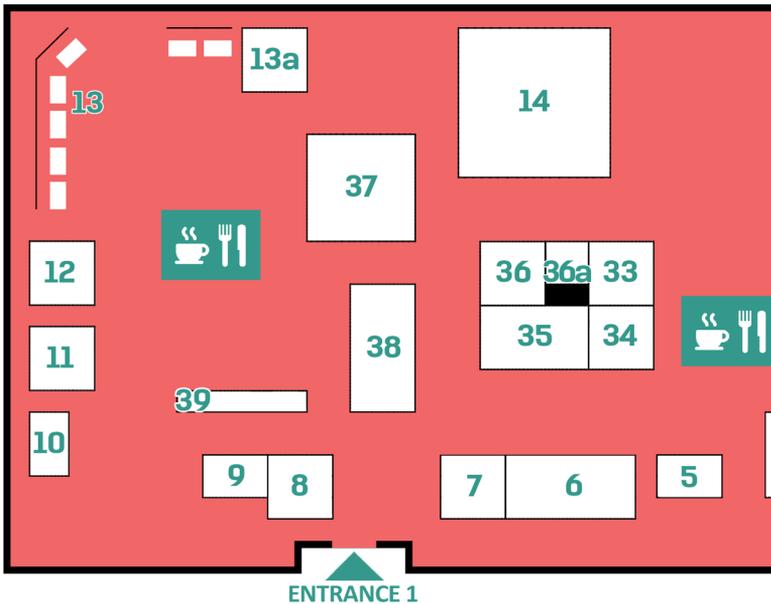
### Exhibition Opening Hours

Sunday 3<sup>rd</sup> September 2017: 09.00 – 16.30

Monday 4<sup>th</sup> September 2017: 09.00 – 16.30

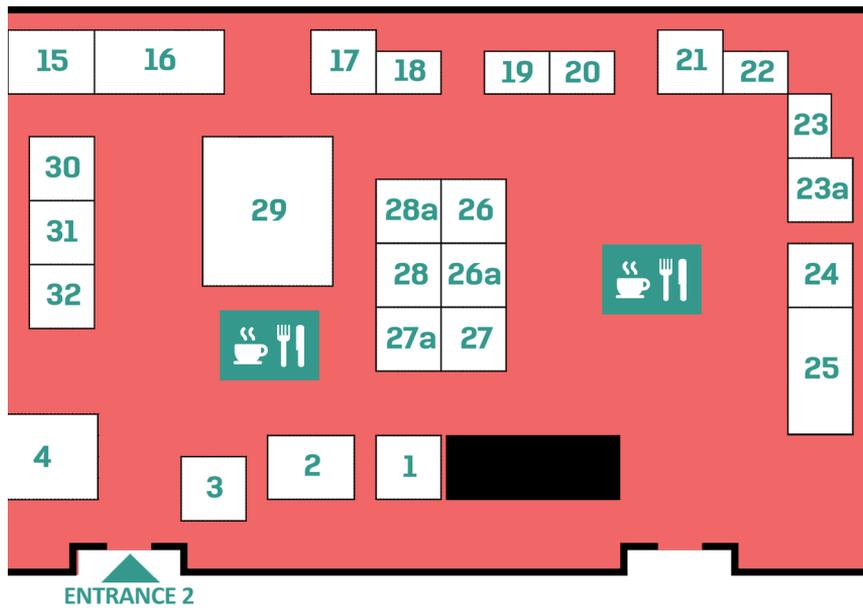
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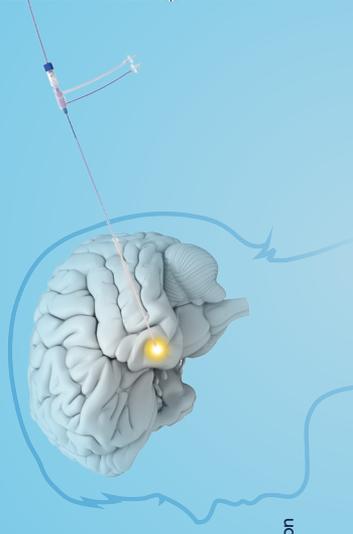
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(level -1)



Deep Brain Stimulation



VISUALASE™  
MRI-Guided Laser Ablation  
is pending CE mark

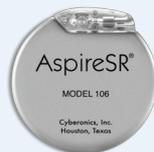
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- ✓ Fewer Medications
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**VNS THERAPY EUROPEAN INDICATION FOR USE** VNS Therapy is indicated for use as an adjunctive therapy in reducing the frequency of seizures in patients whose epileptic disorder is dominated by partial seizures (with or without secondary generalization) or generalized seizures that are refractory to seizure medications. The Model 106 AspireSR® (Seizure Response) features the Automatic Stimulation Mode, which is intended for patients who experience seizures that are associated with cardiac rhythm increases known as ictal tachycardia.

**CONTRAINDICATIONS:** The VNS Therapy system cannot be used in patients after a bilateral or left cervical vagotomy. Do not use short-wave diathermy, microwave diathermy, or therapeutic ultrasound diathermy on patients implanted with the VNS Therapy system. Diagnostic ultrasound is not included in this contraindication. Cardiac arrhythmia (Model 106 only)—The AutoStim Mode feature should not be used in patients with clinically meaningful arrhythmias or who are using treatments that interfere with normal intrinsic heart rate responses.

**WARNINGS:** Physicians should inform patients about all potential risks and adverse events discussed in the VNS Therapy Physician Manuals, including information that VNS Therapy may not be a cure for epilepsy. Since seizures may occur unexpectedly, patients should consult with a physician before engaging in unsupervised activities, such as driving, swimming, and bathing, or in strenuous sports that could harm them or others. A malfunction of the VNS Therapy system could cause painful or direct current stimulation, which could result in nerve damage. Removal or replacement of the VNS Therapy system requires an additional

surgical procedure. Patients who have pre-existing swallowing, cardiac, or respiratory difficulties (including, but not limited to, obstructive sleep apnea and chronic pulmonary disease) should discuss with their physicians whether VNS Therapy is appropriate for them since there is the possibility that stimulation might worsen their condition. Postoperative bradycardia can occur among patients with certain underlying cardiac arrhythmias. MRI can be safely performed; however, special equipment and procedures must be used.

**ADVERSE EVENTS:** The most commonly reported side effects from stimulation include hoarseness (voice alteration), paresthesia (prickling feeling in the skin), dyspnea (shortness of breath), sore throat and increased coughing. The most commonly reported side effect from the implant procedure is infection.

\*The information contained here represents partial excerpts of important prescribing information from the product labeling. Patients should discuss the risks and benefits of VNS Therapy with their healthcare provider. Visit [www.VNSTherapy.com](http://www.VNSTherapy.com) for more information.

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