

NOW VIRTUAL

13<sup>th</sup> International

# Epilepsy Colloquium

Infancy & early childhood epilepsies meeting  
diagnostic & management challenges

May 20-22,  
2021



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# PROGRAM

All times are CEST (Central European Summer Time)

Thursday – May



1.00-2.00 pm: Live interaction with poster presenters: meet the authors in the poster hall

2.00-2.05 pm: Opening Remarks

2.05-3.05 pm: Symposium

**LivaNova**  
Health Innovation that matters

## Acting Early: Optimizing Seizure- and Cognitive Outcomes in Patients with Epilepsy

- Cognition in Patient with Epilepsy – Implications for the Future of Clinical Practice - *Professor Jukka Peltola, Adult Neurology, Faculty of Medicine and Health Technology, Tampere, Finland*
- Early VNS Therapy may alter functional connectivity underlying seizures and cognitive dysfunction in children with drug resistant epilepsy - *Dr Angelo Russo, Paediatric Neurology and Psychiatry, IRCCS, Institute of Neurological Sciences of Bologna, Bologna, Italy*

3.05-3.25 pm: Keynote Lecture : The spectrum of early onset epilepsies: where have we come ?  
*Helen Cross (UK)*

## Mechanisms & aetiologies

3.25-4.35 pm **Session 1:** Modelling to review mechanisms - *Chairs: Martin Tisdall (UK), Marios Kaliakatsos (UK)*

3.25-3.37 pm: LO Modelling networks – *Rod Scott (UK)*

3.37-3.49 pm: L1: Utilizing a multihit model of infantile spasms- *Aristea Galanopoulou (USA)*

3.49-4.01 pm: L2: Lessons learnt from zebra fish - *Richard Rosch (UK)*

4.01-4.13 pm: L3: Stem cell modeling - *Jack Parent (USA)*

4.13-4.35 pm: Live discussion all speakers & chairs

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**4.35-5.35 pm Session 2: New insights - Chairs: Annamaria Vezzani (Italie), Nicola Specchio (Italie)**

4.35-4.45 pm: Case presentation – *Marina Trivisano (Italy)*

4.45-5.00 pm: L4: Treatable metabolic epilepsie - *Barbara Plecko (Austria)*

5.00-5.15 pm: L5: The role of inflammation and immunosuppressive therapies - *Sukhvir Wright (UK)*

5.15-5.35 pm: Live discussion all speakers & chairs

5.35-5.45 pm: Break

**5.45 – 6.45 pm Session 3: Conundrums in early onset epilepsy Chairs: Christin Eltze (UK), Stephane Auvin (France)**

5.45-5.55 pm: Case presentation – *Katharina Vezyroglou (UK)*

5.55-6.10 pm: L6: Is the epilepsy surgically treatable? - *Julia Jacobs (Canada)*

6.10-6.25 pm: L7: Hallmarks of mitochondrial disease - *Shamima Rahman (UK)*

6.25-6.45 pm: Live discussion all speakers & chairs

6.45-7.45pm: Symposium



**Lennox-Gastaut syndrome – debating the boundaries of diagnosis**

- Welcome and introductions (*Richard Chin*)
- Use of narrow diagnostic criteria for a meaningful diagnosis of LGS (*Andreas Schulze-Bonhage*)
- The merits of a broader definition of LGS (*Selim Benbadis*)
- Panel discussion and Q&A

*This session is organised and funded by GW Pharmaceuticals and is intended for an HCP or prescriber audience only. Prescribing information will be available at this session and from the GW virtual booth on the congress website.*

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Friday – May



1.30-2.30 pm: Live interaction with poster presenters: meet the authors in the poster hall

2.30-3.30 pm: Symposium –

ZOGENIX

## Addressing challenges in clinical trials in rare paediatric epilepsies

Moderator Helen Cross

- Where have we come from and where are we now? *Pr. Stéphane Auvin; Department Chair, Paediatric Neurology, Robert Debré University Hospital and University of Paris, France*
- Towards novel study designs and endpoints for epilepsy medications – *Pr. Emilio Perucca, Neurologist and Clinical Pharmacologist, Department of Internal Medicine and Therapeutics, University of Pavia, Italy*

3.30-3.50 pm: Keynote lecture: How neuroimaging has enhanced our care of early onset epilepsies - *Bill Gaillard (USA)*

## Diagnostic evaluation

3.50-4.50 pm **Session 4: Neurophysiology Chairs: Geraldine Boylan (Ireland), Prasanna Jayakar (USA)**

3.50-4.00 pm: Case presentation – *Carmen Fons (Spain)*

4.00-4.15 pm: L8: The role of neurophysiology – where are we now? – *Ronit Pressler (UK)*

4.15-4.30 pm: L9: Electroclinical presentation of spasms- what does it tell us? – *Luca de Palma (Italie)*

4.30-4.50 pm: Live discussion all speakers & chairs

4.50-5.00 pm: Break

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## Friday – May 21

**5.00 – 6.00 pm Session 5: Surgery** - Chairs: Philippe Kahane (France), Mathilde Chipaux (France)

5.00-5.10 pm: Case presentation – difficult lesions – *John Duncan (UK)*

5.10-5.25 pm: L12: Has genetics changed candidacy? - *Kees Braun (The Netherlands)*

5.25-5.40 pm: L13: The role of early surgical intervention - *Martin Tisdall (UK)*

5.40-6.00 pm: Live discussion all speakers & chairs

**6.00-7.10 pm Session 6: Genetics** - Chairs: Renzo Guerrini (Italie), David Rowitch (UK)

6.00-6.10 pm: Case presentation – *Joe Symonds (UK)*

6.10-6.25 pm: L10: The yield of genetics: expanding diagnostic accuracy - *Amy Mctague (UK)*

6.25-6.35 pm: Live discussion all speakers & chairs

6.35-7.10 pm: L11: Live debate: genetic evaluation is the first line investigation in all early onset epilepsies – Alexis Arzimanoglou (France); Sameer Zuberi (UK)



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Saturday – May



9.30-10.30 am: Live interaction with poster presenters: meet the authors in the poster hall

10.30-11.30 am: Symposium

BIOCODEX

**Rare epileptic disorders disorders: management perspectives through the patient's life**

- Introduction – *Pr. Rima Nabbout*
- Management on rare epileptic syndromes: focus on adults – *Pr. Guido Rubboli, Filadelfia Epilepsy Hospital, Dianalund, Denmark*
- Long-term treatment of rare epileptic syndromes – *Pr. Simona Balestrini, UCL Queen Square Institute of Neurology, London, UK*
- How to build a relationship between child and adult neurologists? – *Pr. Rima Nabbout, Necker Hospital, Paris, France*
- Round Table

11.30-11.50 am: Keynote Lecture : The promise of precision medicine for the Developmental and Epileptic Encephalopathies – *Ingrid Scheffer (Australia)*

## Interventions

11.50 am-12.50 pm **Session 7: New insights on therapy** - Chairs: Matthew Walker (UK), Sameer Zuberi

11.50 am-12.00 pm: Case presentation – *Lisa Clayton (UK)*

12.00-12.15 pm: L14: Impact of ASM's – are we any further on? - *Finbar O'Callaghan (UK)*

12.15-12.30 pm: L15: Moving towards targeted therapy? - *Sanjay Sisodiya (UK)*

12.30-12.50 pm: Live discussion all speakers & chairs

12.50-1.00 pm: Break



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**1.00-2.00 pm Session 8: Outcomes** - Chairs: Philippe Ryvlin (Switzerland), Felix Rosenow (Germany)

1.00-1.10 pm: Case presentation – *Suresh Pujar (UK)*

1.10-1.25 pm: L16: Rasmussen syndrome - have we impacted on outcomes in 50 years?  
– *Sophia Varadkar (UK)*

1.25-1.40 pm: L17: Evolution over time – early onset into adulthood - *Matthias Koepp (UK)*

1.40-2.00 pm: Live discussion all speakers & chairs

**2.00 – 2.50 pm Session 9: Outcomes** - Chairs: Kees Braun (The Netherlands), Helen Cross (UK)

2.00-2.10 pm: Case presentation – *Karine Ostrowsky-Coste (France)*

2.10-2.20 pm: Case presentation – *Mathieu Kuchenbuch (France)*

2.20-2.30 pm: Case presentation – *Maurits Sanders (The Netherlands)*

2.30-2.50 pm: Live discussion: How are we impacting outcome compared to 10 years ago and what should be measured - Panel: *Georgia Ramantani (Switzerland), Helen Cross (UK), Rima Nabbout (France), Matthias Koepp (UK), Nicola Specchio (Italy)*

2.50-3.00 pm: Closing remarks – Helen Cross (UK)



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