



# 2024

## ILAE ASEPA EEG Master Class

-- EEG in epileptic encephalopathy : genetics VS inflammation

Date : 2024.06.29 (Sat.)

Time : 08:20-16:30

Venue : B1, Glory-Butterfly Room, Sheraton Grand Taipei Hotel

Organizer : ILAE CAO A ASEPA Task Force (ASEPA)

Co-organizer : Children's Epilepsy Association of Taiwan (CEAT)



### Introduction of 2024 ASEPA EEG Master Class

Welcome to the EEG Master Class on "EEG in Epileptic Encephalopathy: Genetics vs. Inflammation."

Epileptic encephalopathies represent a challenging spectrum of disorders characterized by epileptic activity associated with cognitive and behavioral impairments. Understanding the underlying mechanisms, particularly the interplay between genetics and inflammation, is crucial for effective management and treatment.

In this master class, we will delve into the intricate relationship between genetics and inflammation in epileptic encephalopathies, with a focus on how EEG (Electroencephalography) serves as a valuable tool for diagnosis, prognosis, and treatment guidance.

By the end of this master class, participants will gain a comprehensive understanding of the complex interplay between genetics and inflammation in epileptic encephalopathies and how EEG can enhance our diagnostic and therapeutic strategies in clinical practice. Join us as we unravel the mysteries of epileptic encephalopathies and explore the promising avenues for improving patient outcomes.

Organizer

**Dr Derrick Chan (Singapore)**

Chair, ILAE CAO A ASEPA Task Force

**Dr Ming-Yuh Chang (Taiwan)**

President, Children's Epilepsy Association of Taiwan (CEAT)

**Dr Chien Chen (Taiwan)**

ASEPA Member & CEAT Secretary

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Main Theme : EEG in epileptic encephalopathy: genetics VS inflammation

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(No. 12, Section 1, Zhongxiao East Road, Zhongzheng District, Taipei City)



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Co-organizer : Children's Epilepsy Association of Taiwan (CEAT)

Registration website : <https://event.childepi.org.tw>



## Agenda

Time	Topic	Speaker	
08:20-08:50	Registration		
08:50-09:00	Opening remark : Dr. Ming-Yuh Chang (President of CEAT) Dr. Shang-Yeong Kwan (ex-Chair of ILAE CAOASEPA Task Force)	 Children's Epilepsy Association of Taiwan  International League Against Epilepsy	
09:00-09:30	Neonatal EEG in perinatal brain injuries in term and preterm infants	<b>Professor Akihisa Okumura</b> (Department of Pediatrics, Aichi Medical University, Japan)	
09:30-09:40	Discussion		
09:40-10:10	EEG in genetic epilepsy syndromes	<b>Dr. Adeline Ngoh Seow Fen</b> (Department of Paediatric Neurology, KK Women's and Children's Hospital, Singapore)	
10:10-10:20	Discussion		
10:20-10:40	Break		
10:40-11:10	Epilepsy, seizures, and EEG about corpus callosotomy	<b>Professor Hiroshi Otsubo</b> (Department of Neurology, SickKids, Canada)	
11:10-11:20	Discussion		
11:20-11:50	EEG Case Presentation: Neonatal seizures	<b>Dr. Ching-Min Tang</b> (Division of pediatric neurology, Chang Gung Memorial Hospital, Taoyuan, Taiwan)	
11:50-12:00	Discussion		
12:00-13:00	Lunch Break		
13:00-16:20	Workshop		
	<b>Station 1</b> Tutors Dr Shang-Yeong Kwan Dr Adeline Ngoh Seow Fen	<b>Station 2</b> Professor Hiroshi Otsubo Dr Min-Lan Tsai	<b>Station 3</b> Professor Akihisa Okumura Professor Kuang-Lin Lin
13:00-14:00	Group 1	Group 2	Group 3
14:00-15:00	Group 2	Group 3	Group 1
15:00-16:00	Group 3	Group 1	Group 2
16:00-16:20	Plenary Discussion and wrap-up		
16:20-16:30	Closing remark		