


FEBRUARY 6-7, 2025 ✨ BARCELONA



INTERNATIONAL SYMPOSIUM

Neurodevelopmental Syndromes and Movement Disorders

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THE EXECUTIVE COMMITTEE

Emilio Fernandez-Alvarez	Angels Garcia Cazorla
Nardo Nardocci	Michael Kruer
Alexis Arzimanoglou	Manju Kurian
Birgitt Assmann	Dario Ortigoza
Jaume Campistol	Toni Pearson
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CONGRESS SECRETARIAT

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MANY THANKS



Thursday, February 6th

13:00-13:10	Welcome words
13:10-15:50	Session I - Neurobiological basis of neurodevelopmental and movement disorders
15:50-17:00	Discussion and Coffee Break
17:00-19:40	Session II - Neurodevelopment and neurodegeneration

Friday, February 7th

8:30-9:50	Session III - Behavioral abnormalities in movement disorders
9:00-10:50	Discussion and Coffee Break
10:50-14:00	Session IV - Neurodevelopmental and epileptic encephalopathies
14:00-15:00	Lunch
15:00-17:40	Session V - Movement disorders and comorbidities across the lifespan
17:40-18h10	Discussion and Symposium closure

13:00-13:10 **Welcome words**

13:10-15:50 **Session I - Neuobiological basis of neurodevelopmental and movement disorders**

Chair : Michael Zech – Emilio Fernández-Álvarez

13:10-13:50 Developmental and epileptic encephalopathies: from genetic heterogeneity to phenotypic continuum

13:50-14:30 Neurodevelopmental synaptopathies: Insights from behaviour in rodent models of synapse gene mutations

14:30-15:10 Human Brain Connectivity in Movement and Neurodevelopmental Disorders

15:10-15:50 There is still room for neurophysiology in the genomics era?

15:50-16:20 **Discussion**

16:20-17:00 **Coffee Break**

17:00-19:00 **Session II - Neurodevelopment and neurodegeneration**

Chairs : Jaume Campistol – Alexis Arzimanoglou

17:00-17:40 Key biological pathways

17:40-18:20 Neurodevelopmental disorders leading to parkinsonism

18:20-19:00 Spectrum of genetic and non-genetic neurodevelopmental disorders leading to neurodegenerative movement disorders

19:00-19:20 **Discussion**



8:00-8:30 Welcome

8:30-10:20 Session III – Behavioral abnormalities in movement disorders
Chairs : Toni Pearson – Birgit Assman

- 8:30-9:10 Repetitive and stereotyped behaviors in neurodevelopmental disorders
- 9:10-9:50 Tics and Tourette syndrome
- 9:50-10:20 Comorbid autism traits in children with movement disorders

Discussion

10:20-10:50 Coffee Break

10:50-14:00 Session IV - Neurodevelopmental and epileptic encephalopathies
Chairs : Angels García-Cazorla - Darío Ortigoza

- 10:50-11:30 Overview of developmental and epileptic encephalopathies and movement disorders
- 11:30-12:10 Emerging genetic insights in DEEs and associated movement disorders: navigating the transition from pediatric to adult care
- 12:10-12:50 The spectrum of SYNGAP1 encephalopathies
- 12:50-13:30 Are different approaches needed for treating or designing treatments for movement disorders in DEEs?

13:30-14:00 Discussion

14:00-15:00 Lunch

15:00-17:40 Session V - Movement disorders and comorbidities across the lifespan
Chairs : Nardo Nardocci – Michael Krüer

- 15:00-15:40 Neurodevelopment and movement disorders into the adulthood
- 15:40-16:20 Is there an intersection between psychiatric disorders and movement disorders?
- 17:00-17:40 Movement Disorders across the lifespan of patients with inborn errors of metabolism

17:40-18:10 Discussion

18:10 Symposium closure

