

FEBRUARY 6-7, 2025 ✨ BARCELONA



INTERNATIONAL SYMPOSIUM

Neurodevelopmental Syndromes and Movement Disorders

🌐 www.paedmovdisorders.com

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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

Program at a glance

Thursday, February 6th

13:00-13:10	Welcome words
13:10-16:30	SESSION I - NEUROBIOLOGICAL BASIS OF NEURODEVELOPMENTAL AND MOVEMENT DISORDERS
16:30 - 17:30	Discussion and Coffee Break
17:30 - 20:00	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

13:00 - 16:30 SESSION I - NEUROBIOLOGICAL BASIS OF NEURODEVELOPMENTAL AND MOVEMENT DISORDERS

Chairs : Michael Zech and Emilio Fernández-Álvarez

13:10-13:50 **Developmental and epileptic encephalopathies: from genetic heterogeneity to phenotypic continuum**
Renzo Guerrini, Italy

13:50-14:30 **Neurodevelopmental synaptopathies: Insights from behaviour in rodent models of synapse gene mutations**
Matthijs Verhage, The Netherlands

14:30-15:10 **Molecular mechanisms of dystonia in a fly model**
Michael Kruer, United States

15:10-15:50 **Human Brain Connectivity in Movement and Neurodevelopmental Disorders**
Giovani Battistell, United States

15:50 - 16:30 **There is still room for neurophysiology in the genomics era?**
Tiziana Granata, Italy

16:30 - 17:00 Discussion

17:00 - 17:30 Coffee Break

17:00-19:00 SESSION II - NEURODEVELOPMENT AND NEURODEGENERATION

Chairs : Jaume Campistol and Alexis Arzimanoglou

17:30 - 18:10 **Key biological pathways**
Michael Zech, Germany

18:10 - 18:50 **Neurodevelopmental disorders leading to parkinsonism**
Manju Kurian, United Kingdom

18:50 - 19:30 **Spectrum of genetic and non-genetic neurodevelopmental disorders leading to neurodegenerative movement disorders**
Daniel E Lumsden, United Kingdom

19:30 - 20:00 Discussion

21:00 Faculty Dinner

8:00-8:30 Welcome

8:30-10:20 **SESSION III – BEHAVIORAL ABNORMALITIES IN MOVEMENT DISORDERS**
Chairs : Michael Kruer and Toni Pearson and Birgit Assman

8:30-9:10 **Repetitive and stereotyped behaviors in neurodevelopmental disorders**
Elisa Fazzi, Italy

9:10-9:50 **Tics and Tourette syndrome**
Tammy Hedderly, United Kingdom

9:50 - 10:20 Discussion

10:20-10:50 Coffee Break

10:50-14:00 **SESSION IV - NEURODEVELOPMENTAL AND EPILEPTIC ENCEPHALOPATHIES**
Chairs : Angels García-Cazorla and Darío Ortigoza

10:50-11:30 **Overview of developmental and epileptic encephalopathies and movement disorders**
Steffen Syrbe, Germany

11:30-12:10 **Emerging genetic insights in DEEs and associated movement disorders: navigating the transition from pediatric to adult care**
Elena Gardella, Denmark - Andreas Brunklaus, United Kingdom

12:10-12:50 **The spectrum of SYNGAP1 encephalopathies**
Alexis Arzimanoglou, Spain

12:50-13:30 **Are different approaches needed for treating or designing treatments for movement disorders in DEEs?**
Sterre Van Der Veen, The Netherlands

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 and Michael Kruer

15:00-15:40 **Neurodevelopment and movement disorders into the adulthood**
Silvia Boesch, Austria

15:40-16:20 **From pediatrics to adulthood: The spectrum of GNAO1 disorders**
Dario Ortigoza, Spain

16:20 - 17:00 **Is there an intersection between psychiatric disorders and movement disorders?**
Jonathan Mink, United States

17:00-17:40 **Movement Disorders across the lifespan of patients with inborn errors of metabolism**
J. de Koning, The Netherlands

17:40-18:10 Discussion

18:10 Symposium closure