Prague Meeting on Epileptology and Pediatric Neurology

16th November 2016 Vila Lanna, V Sadech 1, Prague 6

13,00 Introduction (Pavel Kršek, Vladimír Komárek, Jakub Otáhal)

13,15 1. Connectome in neurodevelopmental disorders

Lieven Lagae: Connectome in autism and other neurovelopmental disorders

Rosa Vydrová: Connectome in specific language impairment

Petr Ježdík: Electrophysiological characteristics of altered connectivity in specific language impairment

14,15 Coffee break

14,40 2. Genetic causes of epilepsy and malformations of cortical development

Renzo Guerrini: Genetic background of cortical dysplasia and other MCDs

Katalin Štěrbová: New insights into genetic causes of epileptic encephalopathies

Barbora Beňová: Revealing genetic causes of cortical malformations: Experience from EPNS fellowship in Great Ormond Street Hospital, London, UK

15,40 Coffee break

16,00 3. Pathogenesis of epilepsy in cortical dysplasia

Eleonora Aronica: Molecular mechanisms and pathogenesis of epilepsy in cortical dysplasia

Martin Balaštík: Semaphorin signaling in brain development and disease

Přemysl Jiruška: Experimental models of malformations of cortical development

- 17,00 Overall discussion
- 17,15 Social event / reception

This scientific event is organized within the program "QUALITAS - Wellbeing in health and disease" of the Strategy AV21 of the Czech Academy of Sciences





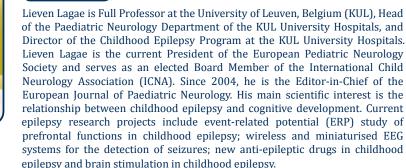


health and disease

Wellbeing in



Lieven Lagae



Renzo Guerrini

Renzo Guerrini is a Professor of Child Neurology and Psychiatry at the University of Florence, Italy. He is also Head and Director of the Paediatric Neurology Unit and Laboratories and of the Neuroscience Department at Children's Hospital A. Meyer, Florence. His research focuses on the neurophysiology and neurogenetics of epilepsies, brain development and mental retardation. Between 2002 and 2006, Renzo Guerrini chaired the International League against Epilepsy Commission on Paediatrics. In 2003, he received the Ambassador of Epilepsy award from the League. He is Associate Editor of Epilepsia and is a member of the editorial board for a number of other professional journals. He has published over 280 peer-reviewed papers and written 12 books.



Eleonora Aronica

Eleonora Aronica has both a clinical and fundamental scientific background. She is actively involved in various research areas including neuro-oncology, neurodegenerative diseases and epilepsy. Her research focuses on the origins of epilepsy (epileptogenesis) and the causes of pharmacoresistance in brain conditions associated with epilepsy. Working with the Swammerdam Institute for Life Sciences (SILS), she is researching how molecular infection can alter the communication between glia cells and neurones, and how this can contribute to the genesis of epileptic incidents and the emergence of neuronal damage. Her research group is currently researching the mechanisms involved with chronic infections associated with epilepsy. Another of her research areas focuses on the mechanisms of early onset and progressive neurodegeneration associated with epilepsy. In 2011 she was awarded the Michael Prize (international award for the best contribution to scientific and to clinical research). She is the author of more than 200 peer-reviewed original articles and reviewer for various scientific journals.





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