

**The International Child Neurology Congress ICNC 2010**

**Scientific Programme**

**Sunday, May 2, 2010 7:30 PM to 8:30 PM**

**Medicine in Ancient Egypt**

El Sisi, Wasim (Cairo, Egypt)

**Monday, May 3, 2010 8:30 AM to 9:15 AM Plenary Session I**

**Treatment Advances in Neuroprotection and Neurointensive Care**

Johnston, Michael V. (Baltimore, USA)

**Monday, May 3, 2010 11:00 AM to 1:00PM Concurrent Symposia : Epilepsy 1**

Session Riikonen, Raili (Kuopio, Finland)

Chair Guerreiro, Marilisa M. (Campinas - SP, Brazil)

Cortical organization disorders and epilepsy

Guerreiro, Marilisa M. (Campinas - SP, Brazil)

Tissue markers of epileptic foci

Sarnat, Harvey B (Calgary, Canada)

Antiepileptic Drugs and the Developing brain

Ikonomidou, Hrissanthi (Dresden, Germany)

Neonatal seizures in the EEG: to see or not to see

Vanhatalo, Sampsa (Helsinki, Finland)

**Monday, May 3, 2010 11:00 AM to 1:00PM Concurrent Symposia : Head Injury and Neuroprotection**

Session Ashwal, Stephen (Loma Linda, USA)

Chair Johnston, Michael V. (Baltimore, USA)

Neuroprotection Strategies following Head Injury

Johnston, Michael V. (Baltimore, USA)

Use of Neuroimaging for Outcome Prediction after Traumatic Brain Injury

Ashwal, Stephen (Loma Linda, USA)

Spontaneous and Induced Reorganization of the Brain after Congenital and Early Acquired Focal Injury

Cioni, Giovanni (Pisa, Italy)

Impact of Traumatic Head Injuries in South Africa

Fiegggen, Graham (Cape Town, South Africa)

**Monday, May 3, 2010 11:00 AM to 1:00PM Concurrent Symposia – Neurodevelopmental Disabilities and Disorders**

Session Shevell, Michael (Montreal, Canada)

Chair Wong, Virginia CN (Hong Kong, China)

New Technologies in the Evaluation of Developmental Delay	Shevell, Michael (Montreal, Canada)
Current Understanding of the Neurobiology of Specific Language Impairment	Webster, Richard (Sydney, Australia)
The Clinical Assessment of Developmental Delay - An Asian Perspective	Wong, Virginia CN (Hong Kong, China)
Changes in Conceptualization of Mental Retardation/Intellectual Disability	Lagae, Lieven (Leuven, Belgium)
<b>Monday, May 3, 2010 1:00 PM to 2:00 PM - Lunch Symposium</b>	
<b>Enhancement of Early Childhood Development and Cognitive Power</b>	El Din, Bahaa (Cairo, Egypt)
<b>Monday, May 3, 2010 5:00 PM to 6:00 PM Meet the Experts : Approach to Movement Disorders</b>	
Grattan-Smith, Padraic J (Randwick, Australia) Mink, Jonathan (Rochester, USA)	
<b>Monday, May 3, 2010 5:00 PM to 6:00 PM Meet the Experts – Attention Deficit/Hyperactivity &amp; Behavioural Disorders</b>	
Curatolo, Paolo (Rome, Italy) Ibrahim, Ahmed Raouf (Cairo, Egypt)	
<b>Monday, May 3, 2010 5:00 PM to 6:00 PM Meet the Experts : Neurological manifestations of systemic disease</b>	
Wilkinson, Ian A (Newcastle, Australia) Smith, Robert LL. (New Lambton, Australia)	
<b>Monday, May 3, 2010 5:00 PM to 6:00 PM Meet the Experts – Newer Anticonvulsants and their indications</b>	
Elkhayat, Hamed Amhed (Cairo, Egypt) Dulac, Olivier (Paris, France)	
<b>Tuesday, May 4, 2010 Plenary Session II 8:30 AM to 9:15 AM</b>	
Novel Treatment Advances in Mitochondrial Disorders	DiMauro, Salvatore G (New York, USA)
<b>Tuesday, May 4, 2010 Plenary Session III 9:15 AM to 10:00 AM</b>	
Neuropsychological impact of war on children	Okasha, Ahmed (Cairo, Egypt)
<b>Tuesday, May 4, 2010 Concurrent Symposia 11:00 AM to 1:00 PM Epilepsy II : Childhood Epilepsy: Effects on Learning and Behaviour</b>	
Session 1	Lagae, Lieven (Leuven, Belgium)
Chair 2	Shoukry, Ibrahim (Cairo, Egypt)
Early epilepsy and its effects on learning and behaviour	Holmes, Gregory L. (Lebanon, USA)

Does the epilepsy classification scheme predict the type of associated cognitive problems?	Lagae, Lieven (Leuven, Belgium)
Effects of anti-epileptic drugs on cognition and behaviour	Aldenkamp, Albert P. (Heeze, The Netherlands)
Outcome of catastrophic epilepsy syndromes	Shoukry, Ibrahim (Cairo, Egypt)

### Tuesday, May 4, 2010 Concurrent Symposia – Headache and Stroke

Mack, Kenneth (Rochester, USA) DeVeber, Gabrielle (Toronto, Canada)	
Approach to chronic daily headaches in children	Mack, Kenneth (Rochester, USA)
Urgent Headaches	Robert Rust
Therapeutic approaches and advances in pediatric stroke	DeVeber, Gabrielle (Toronto, Canada)
Clinical and radiological recurrence after childhood arterial ischemic stroke	Kirkham, Fenella (London, United Kingdom)

### Tuesday, May 4, 2010 Concurrent Symposia – Neurometabolic/ Defects in Bioenergetic Metabolism

Session Chair	Tein, Ingrid (Toronto, Canada) De Meirleir, Linda (Brussels, Belgium)
GLUT 1 Deficiency and Bioenergetic Metabolism of Developing Brain	DeVivo, Darryl (New York, USA)
Pathophysiology of Mitochondrial Disorders	DiMauro, Salvatore G (New York, USA)
Advances in Disorders of Pyruvate Metabolism: PDH and PC Deficiencies	De Meirleir, Linda (Brussels, Belgium)
Advances in Fatty Acid Oxidation Disorders and New Therapies	Tein, Ingrid (Toronto, Canada)

### Tuesday, May 4, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to MRI of Metabolic Disorders

Approach to MRI of Metabolic Disorders	Zafeiriou, Dimitrios I. (Thessaloniki, Greece)
MR spectroscopy and diffusion tensor imaging of neurometabolic disorders	Huq, AHM Mahbulul (Detroit, USA)

### Tuesday, May 4, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to Neurotransmitter Disorders

Segawa, Masaya (Tokyo, Japan)
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Nomura, Yoshiko (Tokyo, Japan)	
<b>Tuesday, May 4, 2010 5:00 PM to 6:00 PM Meet the Experts – New advances in Treatment of Cerebral Palsy</b>	
Velickovic Perat, Milivoj (Ljubljana, Slovenia) Shevell, Michael (Montreal, Canada)	
<b>Tuesday, May 4, 2010 5:00 PM to 6:00 PM Meet the Experts – Treatment of Epileptic Encephalopathy</b>	
Eeg-Olofsson, Orvar (Uppsala, Sweden) Mikati, Mohamad A (Beirut, Lebanon)	
<b>Wednesday, May 5, 2010 8:30 AM to 9:15 AM Plenary Session IV</b>	
<b>Advances in treatment and understanding of pathophysiological mechanisms of muscular dystrophies</b>	Muntoni, Francesco (London, United Kingdom)
<b>Wednesday, May 5, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Infectious Diseases of the Central Nervous System</b>	
Session	Newton, Charles R.J.C. (Kilifi, Kenya)
Chair	Griffin, Diane (Baltimore, USA)
Viral infections of the CNS	Griffin, Diane (Baltimore, USA)
Neurocysticercosis	Singhi, Pratibha Dutta (Chandigarh, India)
CNS HIV Infections	Wilmshurst, Jo M (Cape Town, South Africa)
CNS Malaria	Idro, Richard (Kampala, Kenya)
<b>Wednesday, May 5, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Neuromuscular</b>	
Session	Muntoni, Francesco (London, United Kingdom)
Chair	Osawa, Makiko (Tokyo, Japan)
Advances in Myotonic Dystrophy	Osawa, Makiko (Tokyo, Japan)
Genetic Treatments in Muscular Dystrophies	Muntoni, Francesco (London, United Kingdom)
Advances in Therapeutic Strategies for Spinal Muscular Atrophy	Bertini, Enrico (Rome, Italy)
Latest Advances in the Collagenopathies: Ullrich disease	Topaloglu, Haluk (Ankara, Turkey)

**Wednesday, May 5, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Neurooncology and CNS migration disorders**

Session Rosemberg, Sergio (Sao Paulo, Brazil)  
 Chair Mochida, Ganeshwaran (Boston, USA)

Advances in medulloblastomas	Rosemberg, Sergio (Sao Paulo, Brazil)
Determinants of quality of survival after CNS tumours in childhood	Kennedy, Colin R. (Southampton, United Kingdom)
Cortical dysplasia of Taylor’s type and TSC – is it the same disorder ?	Józwiak, Sergiusz (Warsaw, Poland)
Genetics of microcephaly and/or lissencephaly	Mochida, Ganeshwaran (Boston, USA)

**Wednesday, May 5, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Neurogenetics I**

Session Tally Lerman-Sagie (Tel Aviv, Israel )  
 Chair Rosemary Boustany (Beirut, Lebanon )

Primary disorders of Metabolism and Disturbed Fetal Brain Development.	Tally Lerman-Sagie (Tel Aviv, Israel )
Homozygosity mapping as a primary diagnostic tool in pediatric neurology	Orly Elpeleg ( Ein-Karem, Jerusalem)
Galactosylceramide deficits in lipid rafts of juvenile neuronal ceroid lipofuscinosis- An avenue for therapy	Rosemary Boustany (Beirut, Lebanon )
Peroxisomal Disorders	Poll-The, Bwee Tien (Amsterdam, The Netherlands)

**Wednesday, May 5, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to Acute Metabolic Encephalopathies**

De Meirleir, Linda (Brussels, Belgium)  
 Hindawy, Amina (Cairo, Egypt)

**Wednesday, May 5, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to Neurocutaneous Disorders**

Curatolo, Paolo (Rome, Italy)  
 Mansour, Lobna A.G. (Cairo, Egypt)

**Wednesday, May 5, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to Pediatric Sleep Disorders**

Hypersomnia in childhood

Kotagal, Suresh  
(Rochester, USA)

Nunes, Magda Lahorgue (Porto Alegre, Brazil)	
<b>Wednesday, May 5, 2010 5:00 PM to 6:00 PM Meet the Experts – Management of spinal muscular atrophy</b>	
Bertini, Enrico (Rome, Italy) Topaloglu, Haluk (Ankara, Turkey)	
<b>Wednesday, May 5, 2010 5:00 PM to 6:00 PM Meet the Experts – Management of CNS tuberculosis</b>	
Pratibha Singhi (India) Veena Kalra (India)	
<b>Thursday, May 6, 2010 8:30 AM to 9:15 AM Plenary Session V</b>	
<b>Neuronal stem cells for CNS repair and Neurodegenerative Disorders</b>	Snyder, Evan (La Jolla, USA)
<b>Thursday, May 6, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Demyelinating Diseases and Leukodystrophies</b>	
Session	Anlar, Banu (Ankara, Turkey)
Chair	Tenembaum, Silvia (Buenos Aires, Argentina)
Hereditary Leukodystrophies with Megalencephaly	Topçu, Meral (Ankara, Turkey)
Treatment of inflammatory demyelination in children: acute management and immunomodulatory therapies	Banwell, Brenda (Toronto, Canada)
Approach to Evaluation of Leukodystrophies	Naidu, Sakkubai (Baltimore, USA)
Acquired inflammatory demyelination in children: approach to the diagnosis of MS and other demyelinating disorders	Tenembaum, Silvia (Buenos Aires, Argentina)
<b>Thursday, May 6, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Neurogenetics II</b>	
Session	Suzuki, Yoshiyuki (Kita Kanemaru, Japan)
Chair	Minassian, Berge A (Toronto, Canada)
The Prototypical Progressive Myoclonus Epilepsies: Lafora and Unverricht-Lundborg Diseases	Minassian, Berge A (Toronto, Canada)
Chemical Chaperone Therapy for GM1 Gangliosidosis	Suzuki, Yoshiyuki (Kita Kanemaru, Japan)
CDG Syndrome	Jaeken, Jaak (Leuven, Belgium)
Recent advances in Rett syndrome and Rett-like disorders - clinical and molecular diagnosis, pathogenesis and treatment	Bruria Ben Ze'ev ( Israel )

**Thursday, May 6, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Peripheral Neuropathies**

Ouvrier, Robert (Westmead, Australia)  
Wilmshurst, Jo M (Cape Town, South Africa)

Age-related Syndromes in Childhood Hereditary Neuropathies	Ouvrier, Robert (Westmead, Australia)
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Advances in Neurophysiological Investigations	Ryan, Monique (Parkville, Australia)
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Inflammatory Neuropathies	Nevo, Yoram (Jerusalem, Israel)
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Genetic analysis of a large cohort of children with confirmed peripheral neuropathy	Wilmshurst, Jo M (Cape Town, South Africa)
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**Thursday, May 6, 2010 5:00 PM to 6:00 PM Meet the Experts – Approach to Cerebellar Ataxia**

Logan, William J (Toronto, Canada)  
Steinlin, Maja (Bern, Switzerland)

**Thursday, May 6, 2010 5:00 PM to 6:00 PM Meet the Experts – Myasthenia Gravis and Myasthenic Syndromes**

Arroyo, Hugo (Buenos Aires, Argentina)  
Al Qudah, Abdelkarim (Amman, Jordan)

**Thursday, May 6, 2010 5:00 PM to 6:00 PM Meet the Experts - Non-Epileptic Paroxysmal Events**

Harvey, Simon (Melbourne, Australia)  
Ruggieri, Victor L. (Buenos Aires, Argentina)

**Thursday, May 6, 2010 5:00 PM to 6:00 PM Meet the Experts - Vitamin-Responsive Syndromes**

Baxter, Peter (Sheffield, United Kingdom)  
Ramaekers, Vincent (Aachen, Germany)

**Friday, May 7, 2010 8:30 AM to 9:15 AM Plenary Session VI**

Evolution of Homeobox Genes: Implications for Study of Brain Development	Takahashi, Takao (Tokyo, Japan)
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**Friday, May 7, 2010 9:15 AM to 10:00 AM Plenary Session VII**

Genetics of Epilepsy	Scheffer, Ingrid E. (Heidelberg West, Australia)
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**Friday, May 7, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Advances in Neuroimaging**

Session Chugani, Harry T. (Detroit, USA)

Chair	Harvey, Simon (Melbourne, Australia)	
	Applications of SPECT scanning in children	Gucuyener, Kivilcim (Ankara, Turkey)
	Applications of Functional MRI	Harvey, Simon (Melbourne, Australia)
	Advances in PET scanning	Chugani, Harry T. (Detroit, USA)
	Diffusion tensor imaging	Aeby, Alec (Brussels, Belgium)

**Friday, May 7, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Global Burden of Neurological Diseases**

Session Chair	Wilmshurst, Jo M (Cape Town, South Africa) Newton, Charles R.J.C. (Kilifi, Kenya)	
	Global burden of Neonatal Insults	Newton, Charles R.J.C. (Kilifi, Kenya)
	Global burden of Neurodisability	Khan, Naila (Dhaka, Bangladesh)
	Impact of epilepsy on quality of life in children	Mikati, Mohamad A (Beirut, Lebanon)
	Impact of childhood CNS HIV in South Africa	Wilmshurst, Jo M (Cape Town, South Africa)

**Friday, May 7, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Locomotion and Sleep**

Session Chairs	Segawa, Masaya (Tokyo, Japan) Kaoru Takakusaki, Japan	
	Sleep and locomotion: Their importance to the development of the brain	Segawa, Masaya (Tokyo, Japan)
	Role of the Pedunculo pontine Tegmental Nucleus (PPN) in the Control of Postural Muscle Tone and Locomotion, and its Relationship with the Basal Ganglia.	Kaoru Takakusaki, Japan
	Activation of Pedunculo pontine Tegmental (PPT) Cholinergic Cells and their Relationship to REM Sleep Regulation	Subimal Datta, USA
	Development of aminergic neurons and their modulation of the development of sleep and locomotion.	Haruo Shintaku, Japan

**Friday, May 7, 2010 11:00 AM to 1:00 PM Concurrent Symposia – Neonatal neurology including HIE**



Session	Donna Ferriero (San Francisco)	
Chairs	Agosta, Guillermo (Buenos Aires, Argentina)	
	Genetic and Pharmacological Manipulation of Oxidative Stress after Neonatal HIE	Donna Ferriero (San Francisco)
	Protecting the Perinatal Brain: Myth or Reality?	Gressens, Pierre M. (Paris, France)
	TBC	Legido, Agustin (Philadelphia, USA)
	Short and Long-term Effects on Infantile Seizures on Brain Development	Jiang, Yu-Wu (Beijing, China)