

British Paediatric Neurology Association  
Annual Conference 28-30 January 2009  
National Motorcycle Museum, Birmingham  
Programme

Wednesday 28 January 2009

- Noon Conference Registration and Lunch
- 12.55 – 13.00 Welcome
- 13.00 – 14.30 **Session 1: Oral Presentations**  
Chair: Professor Stefano Seri, Birmingham
- Acute spinal cord lesions in children B Harms
- Is it possible to diagnose mitochondrial disease on the basis of the clinical presentation? C Verity
- Aicardi-Goutières syndrome (AGS) and other congenital infection-like phenotypes: preliminary data and emerging patterns J Livingston
- Recovery of consciousness following acute symptomatic seizures due to central nervous system infections in children E King
- Appearances of the cerebellum on diffusion weighted imaging following preterm birth A Hart
- The multiple phenotypes of arthrogryposis multiplex congenita (AMC) with special reference to the neurogenic variant G Ambegaonkar
- 14.30 – 15.00 **Keynote lecture: 'Update on leucoencephalopathies'**  
*Professor van der Knaap, Holland*  
Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham
- 15.00 – 16.30 Poster viewing (tea & coffee will be served)
- 16.30 – 17.00 **Presentations by Guests of the BPNA**  
Introduced by Professor Helen Cross, London, BPNA President
- Dr Inga Talvik, Senior Consultant in Pediatric Neurology  
Children's Clinic of Tartu University Hospital, Estonia
- Professor Dana Craiu, Professor of Paediatric Neurology  
Alexandru Obregia Hospital, Bucharest, Romania
- Professor Nuri Shembesh, Consultant & Head of Neurology  
Al-fateh Children's Hospital, Beghazi, Libya
- 17.00 – 17.10 Eulogy for Dr Sarah Benton by Dr Carlos de Sousa
- 17.10 – 19.00 Annual General Meeting of the British Paediatric Neurology Association  
*For members of the Association*
- 19.00 Reception in the National Motorcycle Museum
- 20.00 Piano recital in memory of the late Dr Stuart Green
- 20.30 Dinner in the Britannia Suite

Thursday 29 January 2009

08.00 – 09.00 **Personal practice sessions:**

1. “White matter disorders – it’s not all black and white”

Chair: Dr E Wassmer, Panel: Prof M Van der Knaap, Dr L MacPherson

2. “Dystonia / movement disorders – video based discussions”

Chair: Dr M Smith, Panel: Prof E Fernandez-Alvarez, Dr H Pal, Dr J-P Lin

09.00 – 10.30 **Session 2: Oral Poster Presentations**

Chair: Dr Tracey Willis, Research Fellow, Newcastle Upon Tyne

Electro-clinical phenotype of males with MECP2 duplication	J Kisler
Mortality from childhood stroke in England and Wales 1921-2000	A Mallick
Continuous intrathecal baclofen in non ambulant children with cerebral palsy	R Morton
Evaluation of the efficacy and acceptability of cardiac biomarker N-terminal pro-brain natriuretic peptide as a method of early identification of cardiac impairment in children with Duchenne muscular dystrophy	K Lewis
Familial hemiplegic migraine with a novel mutation in the ATP1A2 gene associated with febrile seizures and recurrent unprovoked encephalopathy	V Jain
Adenylosuccinate lyase deficiency in the United Kingdom – an under recognised cause of developmental delay, epilepsy and delayed myelination?	C Lundy
Have guidelines improved the use of lumbar punctures for children with suspected central nervous system infections?	T Bugembe
Neurological features and brain magnetic resonance imaging findings in patients harbouring mutations in the SLC16A2 gene	A Gika
Epilepsy and mental retardation limited to females (EFMR): paediatric presentation of the first UK family	M Illingworth
A novel syndrome of severe mental retardation, spasticity and tapetoretinal degeneration (MRST) is linked to chromosome 15q.25.1	M Kurian
Response to deep brain stimulation (DBS) in primary and secondary childhood dystonias improves with the volume of globus pallidus internus (GPI) stimulated as determined by the number of activated contacts	D Lumsden
Partially dopa responsive dystonia in a compound heterozygote for GTP- cyclohydrolase 1 gene mutations	K McWilliam
Defining normal values for two simple test of strength in young children	J Ng
Psychological status at 1, 6 and 12 months in children with severe/moderate and mild traumatic brain injury (TBI) and non-injured controls; relationship to injury severity, health related quality of life (HRQL), socio-economic status and family burden	R Lakschmi
Childhood absence seizures and GLUT 1 deficiency	D Webb

	Effect of attributional style and maternal mental health on quality of life of children treated for posterior fossa tumours: interim results	C Kennedy
	A diagnostic algorithm for the diagnosis of neuronal ceroid lipofuscinosis in children	R Williams
	Dihydrolipoamide acetyltransferase deficiency in cases of atypical pantothenate kinase associated neurodegeneration	C McWilliam
10.30 – 11.00	<b>Keynote lecture: ‘Dopamine defects in children’</b> <i>Professor Emilio Fernandez-Alvarez, Professor Titular Universidad de Barcelona, Hospital San Juan de Dios, Barcelona, Spain</i> Chair: Dr Sunny Philip, Consultant Paediatric Neurologist, Birmingham	
11.00 – 11.30	Tea and coffee break	
11.30 – 12.15	<b>Keynote lecture: ‘From pathology to therapy in muscular dystrophies’</b> <i>Professor Caroline Sewry, RJAH Orthopaedic Hospital, Oswestry &amp; Professor Francesco Muntoni, Institute of Child Health, London</i> Chair: Dr Ros Quinlivan, Consultant, RJAH Orthopaedic NHS Trust	
12.15 – 13.00	<b>Ronnie MacKeith Guest Lecture: ‘Epilepsy genetics: new twists in the tale’</b> <i>Professor Ingrid Scheffer, University of Melbourne</i> Introduced by Professor Helen Cross, London, BPNA President	
13.00 – 14.00	Lunch	
14.00 – 15.00	<b>Session 3: Oral Presentations</b> Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham	
	Non-accidental head injury: a disorder of deprivation?	P Jones
	Radiological and clinical findings that aid in the diagnosis of traumatic head injury in infancy	V Kelly
	Use of hierarchical linear modelling of verbal and non-verbal memory function to investigate the effects of injury severity, age and gender on levels of outcome and rate of change in children with traumatic brain injury (TBI) and non-injured controls	H Miller
	Behavioural problems, adaptive behaviour, cognitive status, emotional status, health status, and HRQL in the first 12 months after diagnosis in children with brain tumours; a prospective longitudinal study	A Penn
15.00 – 15.15	British Paediatric Neurology Surveillance Unit <i>Dr Finbar O’Callaghan, Consultant Paediatric Neurologist, Bristol</i>  UK Children’s Neurological Research Campaign <i>Professor John Osborne, Bath</i>	
15.15 – 17.00	Special Interest Group meetings (details in the conference handbook)	
15.30 – 17.00	Metabolic Course <i>for those who have pre registered</i>	
19.30 for 20.00	‘A burst of spice – a night of Bollywood Dreams!’ Centennial Centre, Birmingham	

Friday 30 January 2009

08.00 – 09.00 **Personal practice sessions:**

1. "Management of spasticity in a diplegic child"  
Chair: Dr M Smith, Panel: Mr A Roberts, Dr R Morton
2. "Multiple sclerosis – early intervention"  
Chair: Dr E Wassmer, Panel: Dr C Hemingway, Dr M Lim
3. "Ketogenic diet in epilepsy – from fasting to Atkins"  
Chair: Dr S Philip, Panel: Prof H Cross, Dr E Neal, Ms G Magrath

09.00 – 10.30 **Session 4: Oral Presentations**

Chair: Dr Raj Gupta, Consultant Paediatric Neurologist, Birmingham

Seizures in comatose children in the paediatric intensive care unit (PICU) A Shahwan

Adherence to anti-epileptic medication in children with epilepsy from a Scottish population cohort J Shetty

Parent's views about drug trials in children with refractory convulsive status epilepticus S Agrawal

Molecular genetic investigation of autosomal recessive cryptogenic infantile spasms (ARCIS): evidence of clinical and genetic locus heterogeneity M Kurian

Multiplex ligation probe amplification detects SCN1A gene alterations in >10% of mutation-negative Dravet Syndrome / core SMEI patients A Brunklaus

The clinical spectrum of gelastic seizures in children M Chitre

10.30 – 11.00 **Keynote lecture: 'Discovering genes for recessively inherited disorders'**

*Professor Eamonn Maher, Medical and Molecular Genetics, University of Birmingham*

Chair: Dr Sunny Philip, Consultant Paediatric Neurologist, Birmingham

11.00 – 11.30 Tea and coffee break

11.30 – 12.00 **Ronnie MacKeith Prize Lecture: 'Identifying clinical phenotypes in the search for autism susceptibility genes'**

*Dr Jeremy Parr, Great Ormond Street Hospital, London & The University of Oxford*

Introduced by Professor Helen Cross, London, BPNA President

12.00 – 13.15 **Session 5: Oral Presentations**

Chair: Dr Martin Smith, Consultant Paediatric Neurologist, Birmingham

Automated visual field assessment in young children using eye tracking – preliminary data from 9 children M MacRae

Evaluation of the diagnostic screening service for PLA2G6 mutations in phospholipase associated neurodegeneration (PLAN) M Kurian

Trends in BFMDRS scores in patients receiving pallidal deep brain stimulation D Lumsden

Disease progress modelling improves trial efficiency: work smarter not harder R Forsyth

Clinical and radiological features of vein of galen malformation N McSweeney

13.15 – 14.00 Lunch

14.00 – 15.30 **Session 6: Video session with Oral presentations**

Chair: Dr Helen Roper, Birmingham

Non-epileptic status epilepticus S Haden

Immune mediated encephalopathy with chorea, seizures and developmental regression- case report and literature review S Agrawal

Video capture of rapid recovery from status dystonicus in an 11-year old girl with PANK2 disease after switching on Kinetra® DBS stimulator J-P Lin

Epileptic apnoea as the only presentation of temporal lobe epilepsy in a child with chromosomal anomaly A Desurkar

Evidence of defective neuromuscular transmission (NMT) in a patient with aromatic L-amino acid decarboxylase (AADC) deficiency A Gika

Acute life-threatening episodes (ALTE) secondary to a dystonic movement disorder in Rett syndrome (RS): treatment with Trihexyphenidyl (THP) A Gika

Vigabatrin induced movement disorder in West syndrome A Nussbaumer

A novel SCN1A mutation with unusual seizure semiology V Jain

15.30 Closing – Professor Helen Cross, BPNA President

15.35 – 16.00 Tea and coffee prior to journey home