

BPNA 2014 Annual Meeting

Pre Conference Symposia

Tuesday 28 January 2014

BPNA DISTANCE LEARNING STUDY DAY	
Wintonian Room, 1 st floor, Guildhall, Winchester <i>(Open to DL registered participants, Tutors, paediatric trainees (ST1-8) & fellows and those DL participants registered for individual units 7 (stroke) and 8 (infection))</i>	
10.30 – 11.00	Registration with tea & coffee
	<i>Unit 8 Inflammation and infection of the CNS</i>
11.00 – 12.30	Dr Rachel Kneen, Consultant Paediatric Neurologist, Alder Hey Children's Hospital, Liverpool
12.30 – 13.00	Lunch
13.00 – 14.30	Dr Michael Griffiths, Clinical Lecturer, Brain Infection Group, Institute of Infection & Global Health, University of Liverpool
14.30 – 16.00	Lecture 1 – Unit 7 Cerebrovascular disease, trauma and coma
16.00 – 16.30	Tea & coffee break
16.30 – 18.00	Lecture 2 – Unit 7 Cerebrovascular disease, trauma and coma
19.30 for 20.00	Dinner at the Winchester Royal Hotel for DL tutors and students (and others staying overnight). Please book on the conference booking form.

PAEDIATRIC NEUROPSYCHOLOGY SYMPOSIUM	
King Alfred Conference Chamber, Guildhall, Winchester <i>(Open to all)</i>	
9.00 – 9.30	Arrival, coffee & registration
9.30 – 9.40	Welcome from the Faculty Chair, Dr Liam Dorris
9.40 – 10.40	Professor Charley Zeanah "Recovery for severe deprivation: the role of relationships"
10.40 – 11.00	Discussion
11.00 – 11.30	Tea & coffee break
11.30 – 12.15	Professor Charley Zeanah "Translating developmental science to practice with maltreated infants and toddlers"
12.15 – 12.30	Discussion
12.30 – 13.15	Lunch
13.15 – 14.00	Dr Eamon McCrory "The neurobiology and genetics of childhood maltreatment"
14.00 – 14.15	Discussion
14.15 – 14.45	Tea & coffee break
14.45 -15.30	Dr Graham Music "Neglect and developmental problems: how the lack of good experiences can be worse for children than the presence of active maltreatment"
15.30 – 15.45	Discussion
15.45 – 16.15	Closing remarks Dr Liam Dorris

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 Guildhall Winchester
 Broadway, High Street, Winchester, Hampshire, SO23 9GH

Programme

Wednesday 29 January 2014		
10.00 – 11.00	Registration with tea & coffee	
11.00 – 12.30	Session 1: Oral Presentations <i>Chairs: Dr Neil Thomas, Southampton & Dr Archana Desurkar, Sheffield</i>	
11.00	Unravelling the genetic cause in patients with inherited peripheral neuropathy	S Burton-Jones*
11.15	The NorthStar ambulatory assessment in Duchenne muscular dystrophy: considerations for the design of clinical trials	V Ricotti*
11.30	Familial hereditary neuralgic amyotrophy in an 11-year-old	A Lim*
11.45	Familial dominant congenital spinal muscular atrophy due to BICD2 mutation	V Ramesh
12.00	Exploring end-of-life planning issues for young men with Duchenne muscular dystrophy, their parents and the professionals that support them: a scoping and feasibility study	A Majumdar
12.15	Does the use of cardiac MRI improve the pre-operative risk assessment in patients with Duchenne muscular dystrophy?	E Parish*
12.30 – 14.00	Lunch, poster viewing and special interest group meetings:	
12.30 – 14.00	Trainees' Meeting (Walton Suite, 3 rd floor)	
12.30 – 14.00	MS & Demyelination Special Interest Group (Wykeham Room, 2 nd floor)	
12.30 – 14.00	Cerebrovascular Special Interest Group (Eversley Room, 2 nd floor)	
14.00 – 14.45	Keynote Speaker: Professor Karen Temple, Professor of Medical Genetics, University of Southampton & Honorary Consultant in Clinical Genetics, Princess Anne Hospital, Southampton "Epigenetics and genomic imprinting in disorders of development and growth" <i>Chairs: Professor Colin Kennedy, Southampton & Dr Richard Chin, Edinburgh</i>	
14.45 – 15.30	Session 2: Oral Presentations <i>Chairs: Professor Colin Kennedy, Southampton & Dr Richard Chin, Edinburgh</i>	
14.45	The diagnostic maze of mitochondrial neurological disease – how do we unravel it?	S Sreekantam*
15.00	Assessing the true burden of early onset dystonia: a pilot study to evaluate the health related quality of life and the impact of dystonia severity and pain	H Eggink
15.15	Quality of life in children with mitochondrial disease	V Nesbitt*
15.30 – 16.00	Ronnie MacKeith Prize Lecture: Dr Tomoki Arichi, Clinical Lecturer in Paediatric Neurology, Department of Perinatal Imaging & Health, King's College London & Department of Bioengineering, Imperial College London "Functional MRI of the perinatal brain" <i>Chair: Dr Carlos de Sousa, Chair of the BPNA Scientific Committee</i>	

16.00 – 16.30	<p>President's Overseas Guests:</p> <p>Dr Samson Gwer, Lecturer, School of Health Sciences, Kenyatta University, Kenya "The middle ear in acute non-traumatic coma"</p> <p>Dr Alvin Pumelele Ndondo, Senior Specialist/Lecturer in Paediatric Neurology, Red Cross Children's Hospital, University of Cape Town, South Africa "Childhood arterial ischaemic stroke and HIV in a South African Context"</p> <p>Chair: <i>Dr Venkateswaran Ramesh, Consultant Paediatric Neurologist, Newcastle-Upon-Tyne & President of the BPNA</i></p>
16.30 – 17.00	Tea and coffee break
16.45 – 18.15	BPNA Annual General Meeting (members only) (Bapsy Hall, 1 st floor)
18.00 – 20.00	Welcome reception Winchester Cathedral

Thursday 30 January 2014		
08.00 – 09.00	Breakfast Session: Neonatal Neurology led by Dr Brigitte Vollmer & Denise Hart <i>Main lecture theatre</i>	Breakfast Session: Traumatic Brain Injury led by Dr Philip Hyde <i>King Alfred Chamber, 1st floor</i>
09.15 – 10.00	Session 3: Oral Presentations <i>Chairs: Dr Katharine Forrest, Southampton & Professor Helen Cross, London</i>	
9.15	Susceptibility weighted magnetic resonance imaging in newborns with hypoxic ischaemic encephalopathy	A Darekar
9.30	Trainee's confidence in managing neonatal hypoxic ischaemic encephalopathy in the Yorkshire region	R Kumar*
9.45	Constrained spherical deconvolution based tractography allows high resolution visualisation of white matter tracts in the neonatal brain	M Barnett*
10.00 – 10.45	<p>Keynote speaker: Professor V Hugh Perry, Centre for Biological Sciences, University of Southampton</p> <p>"The impact of systemic inflammation on the brain in health and disease"</p> <p><i>Chairs: Dr Katharine Forrest & Professor Helen Cross, London</i></p>	
10.45 – 11.15	Tea & coffee break	

11.15 – 12.30	Session 4: Oral Presentations <i>Chairs: Dr Georgina Bird-Lieberman, Southampton & Dr Finbar O’Callaghan, London</i>	
11.15	Voltage gated potassium channel – complex antibodies in children: what do they mean?	Y Hacohen*
11.30	Neuropsychiatric and parkinsonian features in two children with VGKC – complex autoantibody encephalitis	A Iyer*
11.45	Investigation into paediatric N-methyl-D-aspartate receptor encephalitis: results from the BPNSU study on behalf of the reporting clinicians	SK Wright*
12.00	Posterior circulation arterial ischaemic stroke in children: review of 20 cases	N McCrea*
12.15	Neurological outcome and early intracranial hypertension after paediatric traumatic brain injury	B Kaur*
12.30 – 13.30	Lunch, poster viewing and special interest group meetings:	
	Movement Disorders Special Interest Group (Wykeham Room, 2 nd floor)	
	CHAT2 Development closed meeting (Eversley Room, 2 nd floor)	
	Distance Learning steering group closed meeting (Mayor’s Parlour, 2 nd floor)	
13.30 – 14.00	BPNA Child Brain Research, Dr Rob Forsyth International Paediatric Epilepsy Training, Dr Martin Kirkpatrick Distance Learning, Dr Finbar O’Callaghan	
14.00 – 14.45	Keynote speaker: Dr Catherine Hill, Senior Lecturer in Child Health, University Hospital Southampton “Unusual causes of excessive daytime sleepiness” <i>Chairs: Dr Brigitte Vollmer, Southampton & Dr Richard Chin, Edinburgh</i>	
14.45 – 15.45	Session 5: Oral Presentations <i>Chairs: Dr Brigitte Vollmer, Southampton & Dr Richard Chin, Edinburgh</i>	
14.45	Narcolepsy: are English children who received an AS03 adjuvanted AH1N1 (2009) influenza vaccine clinically different from unvaccinated children?	CM Verity
15.00	Benefits of universal newborn screening for permanent childhood hearing impairment to reading comprehension increase in adolescence: early confirmation of deafness matters	CR Kennedy
15.15	Congenital fibrosis of extra ocular muscles resulting from mutations in tubulin 3 can mimic meobius syndrome	KCS Dalpatadu*
15.30	Screening for type I interferon signature identifies ADAR1 mutations as a frequent cause of ‘idiopathic’ bilateral striatal necrosis	JH Livingston
15.45 – 16.15	Tea & coffee break	

16.15 – 17.15	The Ronnie MacKeith Guest Lecture: Professor Marc Tardieu, Université Paris Sud, Hôpitaux Universitaires Paris Sud, Inserm U1012, France “Towards new treatments in paediatric neurology: a multidisciplinary approach” <i>Chair: Dr Venkateswaran Ramesh, Consultant Paediatric Neurologist, Newcastle-Upon-Tyne & President of the BPNA</i>	
18.00 19.00 for 20.00 10.30 & 11.30	Coaches to HMS Warrior, Portsmouth Annual Dinner at HMS Warrior, Victory Gate, HM Naval Base, Portsmouth, PO1 3QX Return coaches to Winchester at 10.30pm and 11.30pm	
Friday 31 January 2014		
08.00 – 09.00	Breakfast Session: Stroke led by Professor Fenella Kirkham <i>Bapsy Hall (main lecture theatre)</i>	Breakfast Session: Cranial MRI: an aid to genetic diagnosis Led by Dr Harriet Joy and Dr Nicola Foulds <i>King Alfred Chamber, 1st floor</i>
09.15 – 10.30	Session 6: Oral Poster Presentations <i>Chairs: Dr Andrea Whitney, Southampton & Dr Finbar O’Callaghan, London</i>	
9.15	Video EEG demonstration of a rare epileptic phenomenon of focal ictal transformation of a generalized epilepsy syndrome	M Ray
9.20	Intractable focal motor seizures associated with type 1 diabetes and anti-GAD antibodies – dramatic response to intravenous immunoglobulin	N El-Tantawi
9.25	Bilateral middle cerebral artery infarction in association with Sildenafil use in a child	MS Raina
9.30	Clinical and radiological characteristics of young onset bilateral cerebral arteriopathies	A Al-Yassin
9.35	How often would a hyperacute childhood stroke thrombolysis pathway be used in a tertiary paediatric neurology centre: a retrospective audit	C Marecos
9.40	Headache in children with Sturge-Weber syndrome	L Arkush
9.45	Neurological manifestations of influenza infection in children and adults: results of a national British surveillance study	R Kneen
9.50	Novel mutations expand the clinical spectrum of cytoplasmic dynein heavy chain 1 - associated spinal muscular atrophy	M Scoto
9.55	Sibling-pair with Mitofusin 2 mutation	S Jain
10.00	Normal red blood to white cell count ratio in cerebrospinal fluid during elective lumbar puncture	SW Foong
10.05	Spironolactone, but not mifepristone, enhances upregulation of mRNA for brain derived neurotrophic factor and neurotrophic Trk B receptor in a rat model of traumatic brain injury	B Hameed
10.10	Griffiths mental developmental scales - validation for Chinese children	D Challis
10.15	Deep brain stimulation electrodes in the growing brain	DE Lumsden
10.20	Leigh syndrome - an unusual cause of lower limb weakness	Jl Umeadi
10.25	An unusual double trouble of coexisting distal myopathy and distal motor neuropathy uncovered by Exome sequencing	V Gowda
10.30 – 11.00	Tea & coffee break	

11.00 – 11.45	Keynote lecture: Professor Jane Burridge, Professor of Restorative Neuroscience, University of Southampton “Can recent advances in stroke rehabilitation technologies be of benefit to children?” <i>Chairs: Dr Karen Horridge, Sunderland & Dr Georgina Bird-Lieberman, Southampton</i>	
11.45-12.30	Session 7: Oral Presentations <i>Chairs: Dr Karen Horridge, Sunderland & Dr Georgina Bird-Lieberman, Southampton</i>	
11.45	Outcome following pallidal deep brain stimulation correlates with white matter microstructural integrity: a diffusion tensor imaging study	DE Lumsden*
12.00	Variation in healthcare for children and young people with cerebral palsies: a retrospective multi-centre audit	KA Horridge
12.15	Neurodevelopmental progress in children with mitochondrial disease	V Nesbitt*
12.30 – 13.30	Lunch, poster viewing and special interest groups	
	UMSCOM (UK Multicentre Study of Children with Opsoclonus Myoclonus Syndrome) (closed meeting), (Eversley Room, 2 nd floor)	
	British Paediatric Epilepsy Group (BPEG) closed meeting, (Walton Suite, 3 rd floor)	
	North Star meeting (Mayor’s Parlour, 2 nd floor)	
13.30 -15.00	Session 8: Oral Presentations <i>Chairs: Professor Helen Cross, London & Professor Fenella Kirkham, London</i>	
13.30	One year post intervention outcomes of nodding syndrome in Ugandan children; a preliminary report	R Idro
13.45	Does childhood convulsive status epilepticus result in long-term hippocampal damage? A quantitative hippocampal volumetric analysis	S Pujar*
14.00	White matter microstructural abnormalities are present by 8 years after prolonged febrile seizures: results from a population-based study	S Pujar*
14.15	Co-ordinating epilepsy care: a UK-wide review of healthcare in cases of prolonged seizures in children and young people with epilepsies	L Hunter
14.30	Gain-of-function mutations in the KATP Channel (KCNJ11) impair co-ordinated hand-eye tracking	JS McTaggart
14.45	Clinical and genetic spectrum of hemiplegic migraine in a paediatric patient cohort	F Jaffer*
15.00 – 15.05	BPNA 2015, Newcastle Upon Tyne Presentation by the local organising committee	
15.05 - 15.15	Presentation of Prizes by Dr Carlos de Sousa, Chair of the BPNA Scientific Committee ‘Best oral presentation by a trainee’ prize sponsored by Mac Keith Press ‘Best poster presentation by a trainee’ prize sponsored by Child Brain Research, formally known as UK Children’s Neurological Research Campaign (UKCNRC) Closing remarks	
15.15	Tea and coffee before departure	