

46th BPNA Annual Scientific Meeting
Assembly Buildings
2-10 Fisherwick Place, Belfast, BT1 6DW
29 - 31 January 2020

Programme

Wednesday 29 January 2020

10.00 - 10.45	Registration and refreshments	Ground Floor Exhibition Area
10.45 - 11.00	Welcome Dr Donncha Hanrahan, Consultant Paediatric Neurologist, Royal Belfast Hospital for Sick Children Introduction to the BPNA2020 App – Mrs Neta Geva, Customer Services Manager, Conference Compass	Assembly Hall
11.00 – 12.45	Chairs: Dr Claire Lundy and TBC	
11.00 - 12.15	Session 1: Oral Presentations	Assembly Hall
11.00 - 11.15	Internal architecture of the Globus Pallidus interna (GPi) in Children and Young People (CAYP) with Dystonia	D Lumsden
11.15 - 11.30	Medication use in paediatric dystonic movement disorders – a tertiary centre longitudinal experience	MS Sa*
11.30 - 11.45	Selective Dorsal Rhizotomy in children and young people GMFCS 4 and 5: A Prospective Audit	D Crozier*
11.45 - 12.00	Birk-Landau-Perez syndrome: a newly recognised complex hyperkinetic movement disorder	D Steel*
12.00 - 12.15	Leigh syndrome: a longitudinal cohort study	YS Ng*
12.15 - 12.45	Keynote Lecture: Professor Manju Kurian, Zayed Centre for Research into Rare Diseases in Children, UCL-Great Ormond Street Institute of Child Health <i>‘Moving Towards Precision Medicine for Childhood Movement Disorders’</i>	Assembly Hall
12.45 - 13.45	Lunch, exhibition and poster viewing	Exhibition Areas

12.45 - 13.45	British Paediatric Movement Disorder Special Interest Group (members only)	Minor Hall
12.45 - 13.45	Fetal & Neonatal Neurology Special Interest Group (members only)	Meeting Rm 7
12.45 - 13.45	Trainees' meeting (for GRID, SPIN and trainees approaching grid application)	Boardroom
12.45 - 13.45	Distance Learning Steering Group Meeting	Meeting Rm 5
12.45 - 13.45	EPNS 2021 Glasgow Scientific Committee Meeting (invitation only)	Meeting Rm 4

13.45 - 14.30	Sponsored Symposium – Biogen SPINRAZA ▼ (nusinersen) for 5q Spinal Muscular Atrophy (SMA): <i>over 9300 patients treated worldwide - what have we learnt?</i> <ul style="list-style-type: none"> Professor Laurent Servais, Professor of Paediatric Neuromuscular Diseases at the MDUK Oxford Neuromuscular Centre and Invited Professor of Child Neurology at Liège University 	Assembly Hall
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[Prescribing information is available here](#)

14.30 – 16.00	Chairs: Dr Sandya Tirupathi and Dr Mary Chesshyre	
14.30 - 15.00	Keynote Lecture: Professor Robert McFarland, Consultant Paediatric Neurologist, Wellcome Centre for Mitochondrial Research and Newcastle University	Assembly Hall

'Potential Treatments for Mitochondrial Disorders: Are we there yet?'

15.00 - 16.00	Session 2: Oral Presentations	Assembly Hall
15.00 - 15.15	FIREFISH Part 1: 16-month safety and exploratory outcomes of risdiplam (RG7916) treatment in infants with Type 1 spinal muscular atrophy (SMA)	G Baranello
15.15 - 15.30	Effect of Nusinersen on Respiratory Muscle Function in Different Subtypes of Type 1 Spinal Muscular Atrophy	G Baranello
15.30 - 15.45	Onasemnogene Apeparvovec Gene Replacement Therapy (GRT) for Spinal Muscular Atrophy Type 1 (SMA1): Pivotal Phase 3 Studies Clinical Update (STR1VE-EU and STR1VE-US)	F Muntoni
15.45 - 16.00	Onasemnogene Apeparvovec Gene-Replacement Therapy in Presymptomatic Spinal Muscular Atrophy: SPR1NT Study Update	F Muntoni

16.00 - 16.30	Refreshments, exhibition and poster viewing	Exhibition Areas
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16.30 – 17.00	Chair: Professor Manju Kurian	
16.30 – 17.00	The Ronnie Mac Keith Prize Lecture: Dr Richard Rosch, MRC Centre for Neurodevelopmental Disorders, Institute of Psychology, Psychiatry and Neuroscience, King's College London, UK, Department of Paediatric Neurology, Great Ormond Street Hospital NHS Foundation Trust, London and Complex Systems Group, Department of Bioengineering, University of Pennsylvania, Philadelphia PA, USA	Assembly Hall

'From fish to physics - new perspectives on abnormal brain dynamics in childhood epilepsies'

17.00 – 18.30	BPNA Annual General Meeting (open to members of the Association)	Assembly Hall
18.30 – 20.00	Welcome Reception – Belfast City Hall, Donegall Square, Belfast, BT1 5GS	

*Trainee **Medical Student

Thursday 30 January 2020

08.30 – 09.00	Refreshments	Ground Floor Exhibition Area
09.00 - 09.45	Personal Practice Sessions (parallel sessions):	
Assembly Hall	Management of Neuropsychiatric Presentations of Neurological Disease Dr Deirdre Peake, Consultant Paediatric Neurologist, Royal Belfast Hospital for Sick Children and Dr Mark Rodgers, Consultant Child and Adolescent Psychiatrist and Neurodevelopmental Lead, Northern Health Trust	
Minor Hall	Paediatric Myasthenia: Clinical clues to Improve Diagnostic Yield. A Video Session Dr Sandya Tirupathi, Consultant Paediatric Neurologist, Royal Belfast Hospital for Sick Children and Dr John McConville, Consultant Paediatric Neurologist, Ulster Hospital, Dundonald	
Boardroom	Management of Upper Limb in Cerebral Palsy Dr Claire Teresa Lundy Consultant in Paediatric Neurodisability, Royal Belfast Hospital for Sick Children, Mrs Julia Maskery, Advanced Clinical Specialist Occupational Therapist, Royal Belfast Hospital for Sick Children and Dr Irwin Gill, (Chair), Consultant Paediatrician at Children's Health Ireland at Temple Street	
10.00 – 11.00	Chairs: Dr Kathleen Gorman and Dr Eusra Hassan	
10.00 – 11.00	Session 3: Oral Presentations	Assembly Hall
10.00 – 10.15	Cognitive Empathy Across the Lifespan	L Dorris
10.15 – 10.30	Cognitive and Language Outcomes in SWS	SP Powell**
10.30 – 10.45	Can imaging predict long-term motor outcome following childhood-onset arterial ischemic stroke?	E Blackburn
10.45 – 11.00	The 'What I Need in School' (WINS) Project - The experiences of children with epilepsy in schools	EC Johnson
11.00 – 11.30	Refreshments, exhibition and poster viewing	Exhibition Areas
11.30 – 12.45	Chairs: Dr Bryan Lynch and Dr Michael Eyre	
11.30 – 12.00	Keynote Lecture: Dr Benjamin M Greenberg, Director, Perot Neurosciences Translational Research Center, University of Texas Southwestern, Dallas, Texas, USA <i>'New Perspectives on Myelitis: The Re-emergence of Acute Flaccid Myelitis'</i>	
12.00 – 12.45	Session 4: Oral Presentations	Assembly Hall
12.00 – 12.15	The ongoing investigation into the increase in reports of acute flaccid paralysis (AFP) in England	J Stowe
12.15 – 12.30	Use of disease-modifying therapies in paediatric relapsing remitting multiple sclerosis in the UK: A multi-centre retrospective study	OA Abdel-Mannan*
12.30 – 12.45	High burden of acute child neurological illness in low-middle income countries – a call for action	JK Hassall*
12.45 – 13.45	Lunch, exhibition and poster viewing	Exhibition Areas

*Trainee

**Medical Student

12.45 – 13.45	British Paediatric Epilepsy Group (BPEG) meeting - members only	Boardroom
12.45 – 13.45	Muscle Special Interest Group - members only	Minor Hall
12.45 – 13.45	UK Neurorehabilitation Special Interest Group - members only	Meeting Rm 5
12.45 – 13.45	'Becoming a Paediatric Neurologist' – all medical students, FY1-2 and ST1-4 trainees are welcome	Meeting Rm 7
13.45 – 14.30	Sponsored Symposium – AveXis <i>'Advances in gene therapies and practical considerations from clinical trials'</i> <ul style="list-style-type: none"> • Dr Giovanni Baranello, Senior Lecturer, Honorary Consultant in Paediatric Neurology and Neuromuscular Diseases, The Dubowitz Neuromuscular Centre, Great Ormond Street Institute of Child Health, London • Mr Dean Bradley, Quality Manager, The Newcastle Upon Tyne Hospitals NHS Foundation Trust 	Assembly Hall
14.30 – 17.30	Chairs: Professor Finbar O'Callaghan and Dr Jane Hassell	
14.30 – 15.00	Keynote Lecture: Professor Norman Delanty, Consultant Neurologist, Beaumont Hospital and Associate Professor, FutureNeuro Research Centre, RCSI, Dublin <i>'Precision Therapies in the Epilepsies'</i>	Assembly Hall
15.00 – 15.15	International Guest Lecture: Dr Sebastián Ortiz, Consultant Paediatric Neurologist and Epileptologist, Hospital Universitario de San José and Instituto Roosevelt in Bogotá, Colombia <i>'Ketogenic diet in refractory non-surgical paediatric epilepsy patients: a Colombian experience'</i>	Assembly Hall
15.15 – 15.30	International Guest Lecture: Dr Lokesh Lingappa, Consultant Child and Adolescent Neurologist, Rainbow Children's Hospital, Hyderabad, India <i>'Eye movements in Acute Encephalopathy'</i>	Assembly Hall
15.30 – 15.45	International Guest Lecture: Professor Derrick Chan, Senior Consultant and Head, Paediatric Neurology & Research Director, KK Women's and Children's Hospital <i>'Innovation and design thinking in Paediatric Neurology: a personal journey bringing research back to the clinical front-line'</i>	Assembly Hall
15.45 - 16.00	International Guest Lecture: Dr Sam Gwer, Senior Lecturer, School of Medicine, Kenyatta University, Nairobi, Kenya and Executive Director, Afya Research Africa, Nairobi, Kenya and Dr Thomas Ngwiri, Head of Clinical Services, Gertrude's Children's Hospital, Nairobi, Kenya and Chairperson of the Kenya Paediatric Association <i>'Child Neurology Training in East Africa: Opportunities for collaboration'</i>	Assembly Hall

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16.00 – 16.30	Refreshments, exhibition and poster viewing	Exhibition areas
16.30 – 17.30	The Ronnie Mac Keith Guest Lecture: Professor Elizabeth A Thiele, Massachusetts General Hospital and Harvard Medical School	Assembly Hall
	<i>'Sunflower syndrome: a poorly understood epilepsy'</i>	
19.00 for 19.30	Annual Conference Dinner – Titanic Belfast, Queens Road, Belfast, BT3 9DP	

Friday 31 January 2020

08.30 – 09.00	Refreshments	Ground Floor Exhibition Area
09.00 – 09.45	Personal Practice Sessions (parallel sessions):	
Assembly Hall	Neurodegenerative Diseases Dr Donncha Hanrahan, Consultant Paediatric Neurologist, Royal Belfast Hospital for Sick Children and Dr Siobhan O'Sullivan, Consultant, Royal Belfast Hospital for Sick Children	
Minor Hall	Pragmatic Headache Care in Younger People Dr Raeburn B Forbes, Consultant Neurologist, Southern HSC Trust and Dr Clare Loughran, Paediatric Consultant, Royal Belfast Hospital for Sick Children	
10.00 – 12.30	Chairs: Dr Declan O'Rourke and Dr Michael Taylor	
10.00 – 10.30	Keynote Lecture: Dr Michael Farrell, Consultant Neuropathologist (retired), Beaumont Hospital, Dublin <i>'Epilepsy and Brain Inflammation, a consequence or cause'</i>	Assembly Hall
10.30 – 11.00	Refreshments, exhibition & poster viewing	Exhibition Areas
11.00 – 12.00	Session 5: Oral Presentations	Assembly Hall
11.00 – 11.15	Has Chromosomal Microarray improved diagnostic rates in a population-based paediatric disability clinic?	KA Horridge
11.15 – 11.30	Should children presenting with a first episode of status epilepticus have genetic testing?	JD Symonds*
11.30 – 11.45	Long-term developmental outcomes, comorbidity and quality of life in SCN1A positive Dravet syndrome	B Dunwoody**
11.45 – 12.00	Resting-state functional brain networks in the Developing Human Connectome Project	MR Eyre*
12.00 – 12.30	Keynote Lecture: Dr Debarata Bhattacharya, Consultant Diagnostic Neuroradiologist, Royal Belfast Hospital for Sick Children <i>'Where did all the Radiologists go? (Did we ever need them in the first place)? The advent and current status of Artificial Intelligence in Radiology'</i>	Assembly Hall
12.30 – 13.30	Lunch, exhibition & poster viewing	Exhibition Areas
12.30 – 13.30	UK Childhood Inflammatory Demyelination (CID) Special Interest Group - members only	Boardroom
12.30 – 13.30	Genetic White Matter Disorders (leukodystrophies) Special Interest Group - members only	Meeting Rm 4
12.30 – 13.30	Cerebrovascular Special Interest Group - members only	Meeting Rm 7
12.30 – 13.30	Children's Headache Network (CHaN) - members only	Meeting Rm 5

*Trainee

**Medical Student

13.30 – 14.15	Sponsored Symposium – GW Pharma <i>‘Cannabidiol for epilepsy – the environment and the evidence’</i> <ul style="list-style-type: none"> • Professor Finbar O’Callaghan, Professor of Paediatric Neuroscience at the Institute of Child Health, University College London • Professor Sameer Zuberi, Consultant Paediatric Neurologist at the Royal Hospital for Children, Glasgow 	Assembly Hall
14.15 – 16.00	Chairs: Dr Donncha Hanrahan and Dr Matthew Sayers	
14.15 – 14:45	BPNA Update Professor Finbar O’Callaghan, BPNA President	Assembly Hall
14.45 – 15.30	Session 6: Oral Presentations	Assembly Hall
14.45 – 15.00	Cannabidiol (CBD) Treatment in Patients with Seizures Associated with Tuberous Sclerosis Complex (TSC): A Randomised, Double-Blind, Placebo-Controlled Phase 3 Trial (GWPCARE6)	K Kotulska
15.00 – 15.15	Interaction of cannabis-based medicinal products with other anti-epileptic drugs	CGS Gilmartin**
15.15 – 15.30	Efficacy and Safety of Low Dose Fenfluramine Hydrochloride Oral Solution in the Treatment of Dravet Syndrome: Pooled Analysis of Two Phase 3 Clinical Studies	JH Cross
15.30 – 16.00	Presentation of Prizes <ul style="list-style-type: none"> • ‘Best Oral Presentation by a trainee’, sponsored by Mac Keith Press • ‘Best poster presentation by a trainee’, sponsored by BPNA • ‘Best presentation by a medical student’, sponsored by BPNA Professor Finbar O’Callaghan and Professor Manju Kurian	Assembly Hall
16.00	Close and departure	

*Trainee

**Medical Student