### Programme

#### Wednesday 6 January 2021

**09.00-09.45 Biomarin Sponsored Symposia**

*Early onset genetic epilepsies: Improving diagnosis for better outcomes*

Dr Alasdair Parker (Cambridge), Dr Richard Brown (Cambridge) & Dr Philippa Mills (London)

**09.00-10.00** Poster viewing and exhibition

**10.00-10.05** Welcome

Professor Finbar O’Callaghan, BPNA President & Dr Sandeep Jaywant (Oxford)

**10.05-12.00 Acute & autoimmune neurology**

*Chairs: Dr Sithara Ramdas (Oxford), Dr Jon Gadian (London) & Dr Michael Eyre (London)*

**10.05-10.40 Keynote Lecture: Professor Russell C Dale**

Clinical Director, Kids Neuroscience Centre, Children’s Hospital at Westmead Clinical School, Faculty of Medicine and Health, University of Sydney, Australia

‘Immune-Brain interactions beyond autoimmunity: Epigenomics, inflammation and microglia’

**10.40-10.55** Emotional and behavioural features in children with immune-mediated encephalitis

C Billaud*

**10.55-11.10** Neurological involvement in children with haemolytic uremic syndrome: A national review

CS Costigan*


M Sa*

**11.25-12.00 Keynote Lecture: Professor Sarosh Irani**

Head Oxford Autoimmune Neurology Group, Associate Professor, Honorary Consultant Neurologist, Nuffield Department of Clinical Neurosciences, University of Oxford

‘From autoantibodies to B cells: how germinal centres generate neuroglial surface autoantibodies’

**12.00-13.00** Poster viewing and exhibition

**12.00-13.00** Paediatric Neurology Trainees’ meeting (open to all trainees)

‘Update on paediatric neurology training’ (15 mins), Dr Mark Atherton, Trainee Rep & Dr Eusra Hassan, Deputy Trainee Rep

‘Getting in to research’, Dr Sam Amin (Bristol)

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* Eligible for the prize: Best oral presentation by a trainee

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<th>Time</th>
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| Wed 6 Jan 12.15-13.00 | Biogen Sponsored Symposia  
*Synthesis of evidence for altering practice of intrathecal drug delivery*  
Dr Anne-Marie Childs (Leeds), Dr Manuel Cifrian-Pérez (Valencia, Spain) & Dr Bruno Antonio Zanfini (Rome, Italy) |
| 13.00-15.00 | Movement, neurometabolic and neurodegenerative disorders  
*Chairs: Professor Manju Kurian, Chair BPNA Research (London), Dr Amitav Parida (Oxford) & Dr Rob Spaull (Bristol)* |
| 13.00-13.35 | Keynote Lecture: Professor Mary King, Consultant Paediatric Neurologist, Dublin  
*Reflection on 40 years in Paediatric Neurology* |
| 13.35-13.50 | Viral gene therapy for Dopamine Transporter Deficiency Syndrome  
J Ng |
| 13.50-14.05 | Event-related modulation of sensorimotor cortex alpha/mu activity is abnormal in children with dystonia and dystonic cerebral palsy  
V McClelland |
| 14.05-14.20 | Unexpected reversible battery failure in children with dystonia and a rechargeable Deep Brain Stimulator (Activa RC)  
S Buts* |
| 14.20-15.00 | Practice Session: Ataxia diagnosis and management  
Professor Andrea Nemeth (Oxford) & Dr Martin Smith (Oxford) |
| 15.00-15.30 | Poster viewing and exhibition |
| 15.30-17.15 | Research in Paediatric Neurology  
*Chairs: Professor Manju Kurian, Chair BPNA Research (London), Dr Nadine McCrea (Oxford) & Dr Gemma Fisher (Cardiff)* |
| 15.30-16.05 | Keynote Lecture: Dr Sandeep Jayawant  
Consultant Paediatric Neurologist, Oxford  
*An overview of advances across the board in Paediatric Neurology* |
| 16.05-16.45 | Personal Practice Session: Publication  
*Tips from the experts on medical publishing and how to develop a research portfolio*  
Professor Manju Kurian (London), Professor Sameer Zuberi, Editor in Chief, European Journal of Paediatric Neurology & Professor Bernard Dan, Editor in Chief, Developmental Medicine & Child Neurology |
| 16.45-17.15 | The Ronnie MacKeith Prize: Professor Francesco Saverio Tedesco, London  
University College London, Great Ormond Street Hospital for Children and The Francis Crick Institute, London  
*Engineering human stem cells for neuromuscular disease modelling and therapy development* |
| 18.00-19.30 | Video Challenge  
*Chair: Professor Manju Kurian (UCL-ICH GOSH, London)*  
*Expert Panel: Dr Jean-Pierre Lin (Evelina, London), Dr Santosh Mordekar (Sheffield), Dr Alasdair Parker (Cambridge), Professor Mary King (Dublin), Dr Evangeline Wassmer (Birmingham)* |
| 18.00-18.15 | An infant with unusual unilateral movements  
A Parida |
| 18.15-18.30 | Infantile spasms?  
M Saw |
| 18.30-18.45 | A tale of two movement disorders  
J D Symonds* |
| 18.45-19.00 | A case of cerebral palsy?  
SS Chowdhury* |
| 19.00-19.15 | Another child with unexplained paroxysmal phenomena  
K Kalra* |
| 19.15-19.30 | A teenager with a complex movement disorder  
M Smith |

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<tr>
<td>09.00-09.45</td>
<td>Biocodex Sponsored Symposia: What are the main concerns related to rare epilepsy syndromes management in 2021?</td>
<td>Dr Andreas Brunklaus (Glasgow), Professor Helen Cross (London) &amp; Mrs Galia Wilson (Chair, Dravet Syndrome UK)</td>
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<td>09.00-10.00</td>
<td>Poster viewing and exhibition</td>
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<td>10.00-12.00</td>
<td>Epilepsy: Chairs: Dr Rohini Rattihalli (Oxford), Ms Alison Mollett (Oxford) &amp; Dr Luigi D’Argenzio (London)</td>
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<td>10.00-10.35</td>
<td>Keynote Lecture: Professor Finbar O’Callaghan</td>
<td>UCL-Institute of Child Health &amp; Great Ormond Street Hospital, London</td>
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<td>Cannabinoids and epilepsy: what is the evidence?</td>
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<td>10.35-10.50</td>
<td>Epidemiology of early childhood epilepsies: syndrome classification and association with socio-economic status</td>
<td>J Symonds*</td>
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<td>10.50-11.05</td>
<td>Characterising children with onset of epilepsy in the first year of life; an epidemiological study</td>
<td>K Vezyroglou*</td>
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<td>11.05-11.20</td>
<td>Comparison of variant effects in SCN-gene paralogs aids precision treatment across sodium channelopathies</td>
<td>T Feng**</td>
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<td>Keynote Lecture: Professor Helen Cross</td>
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<td>Moving forward in childhood epilepsy</td>
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| 12.00-13.00  | Becoming a Paediatric Neurologist (All welcome! Aimed at medical students – ST4 trainees particularly) | A day in the life of a UK paediatric neurology specialist trainee, Dr Mark Atherton (Nottingham) & Dr Eusra Hassan (Manchester)  
A day in the life of a recently appointed UK Consultant Paediatric Neurologist, Dr Todd Smallbone (Bristol)  
Questions and answers (30 minutes) with the panel |
| 12.15-13.00  | Zogenix Sponsored Symposia: Redefining treatment expectations for Dravet patients and families | Professor Helen Cross (London) & Professor Sameer Zuberi (Glasgow)                            |

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| 13.00-15.00  | **COVID-19**  
Chair: Dr Sandeep Jayawant (Oxford), Dr Geetha Anand (Oxford) & Dr Joe Symonds (Glasgow)  
 * Eligible for the prize: Best oral presentation by a trainee**  
** Eligible for the prize: Best presentation by a medical student |
| 13.00-13.35  | **Keynote Lecture: Professor Tom Solomon**  
Professor of Neurological Science, University of Liverpool and, Director, NIHR Health Protection Research Unit In Emerging And Zoonotic Infections  
*Neurological disease associated with COVID-19* |
| 13.35-13.50  | Neurological manifestations of COVID-19 infection in children: Results of a national British Surveillance Study  
S Ray* |
| 13.50-14.05  | Pediatric ischemic stroke and severe acute respiratory syndrome Coronavirus 2  
L Beslow |
| 14.05-14.20  | Clinical utility of an NHS trusted carer - recorded video sharing & management system for child neurology  
S Zuberi |
| 14.20-14.55  | **Keynote Lecture: Professor Andrew J Pollard**  
Professor of Paediatric Infection and Immunity, University of Oxford  
*Development of a COVID-19 vaccine* |
| 15.00-15.30  | Poster viewing and exhibition |
| Thu 7 Jan    | **The Presidential Plenary**  
Chair: Professor Finbar O’Callaghan (London), Dr Martin Smith (Oxford) & Dr Mark Atherton (Nottingham) |
| 15.30-16.05  | **Keynote Lecture: Professor Charles Newton**  
Consultant Paediatric Neurologist, KEMRI/The Wellcome Trust Unit, Kenya & Department of Psychiatry, University of Oxford  
*Tropical paediatric neurology: burden and insights* |
| 16.05-16.30  | **President’s International Guest: Professor Kette Valente (Brazil)**  
Professor in Child Neurology, University of São Paulo & Director of the Laboratory of Clinical Neurophysiology, Clinics Hospital University of São Paulo, Brazil  
*An update in Congenital Zika Virus: a disease story that is still being written* |
| 16.30-17.30  | **The Ronnie MacKeith Guest Lecture: Professor Dr med Maja Steinlin**  
Paediatric Neurology, University Children’s Hospital Bern and University Bern, Switzerland  
*A hike through three decades of paediatric stroke* |
<p>| 17.30-17.45  | Poster viewing and exhibition |
| 17.45-19.00  | Social Quiz |</p>
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<td>09.00-09.45</td>
<td><strong>GW Pharma Sponsored Symposia</strong></td>
<td><em>Shining a light on intellectual disability: Improving care of children with epilepsy</em></td>
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<td>Dr Rohit Shankar (Cornwall), Dr Mairi McLean (Cornwall) &amp; Professor Charlotte Lawthom (Swansea)</td>
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<td>9.00-10.00</td>
<td><strong>Poster viewing and exhibition</strong></td>
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<td>10.00-12.00</td>
<td><strong>General Paediatric Neurology</strong></td>
<td><em>Chairs: Dr Jon Gadian (Oxford), Dr Nadine McCrea (Oxford) &amp; Dr Ala Fadilah (Sheffield)</em></td>
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<td>10.00-10.40</td>
<td><strong>Sleep disorders: sleepy not narcolepsy</strong></td>
<td>Dr Zenobia Zaiwalla (Oxford) and Dr Nadine McCrea (Oxford)</td>
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<td>10.40-10.55</td>
<td><strong>Headaches among neurologically normal children under the age of 5 years</strong></td>
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<td><strong>Association between in-utero HIV exposure and auditory brainstem response</strong></td>
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<td><strong>Understanding paediatric NF2 - a British Paediatric Neurology Surveillance Unit (BPNSU) study outcome</strong></td>
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<td>11.25-12.00</td>
<td><strong>Keynote Lecture: Professor Trish Greenhalgh</strong></td>
<td>Nuffield Department of Primary Care Health Sciences, The University of Oxford</td>
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<td>Video consultations – the evidence base</td>
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<td>Professor Laurent Servais (Oxford), Dr Andreas Ziegler (Germany), Dr Mariacristina Scoto (London) &amp; Dr Giovanni Baranello (London)</td>
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<td>13.00-15.00</td>
<td><strong>Neuromuscular &amp; Neurodisability</strong></td>
<td><em>Chairs: Dr Sithara Ramdas (Oxford), Dr Martin Smith (Oxford) &amp; Dr Mary Chesshyre (London)</em></td>
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<td>13.00-13.40</td>
<td><strong>Personal Practice Session: Gene therapy for neuromuscular disorders</strong></td>
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<td>Prof Laurent Servais and Dr Sithara Ramdas</td>
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<td>13.40-13.55</td>
<td><strong>Respiratory outcomes pre and post nusinersen in children with spinal muscular atrophy (SMA) in a tertiary UK paediatric respiratory and neurology centre</strong></td>
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<td>13.55-14.10</td>
<td><strong>FIREFISH Part 1: 24-month safety and exploratory outcomes of risdiplam (RG7916) in infants with Type 1 spinal muscular atrophy</strong></td>
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<td>14.10-14.25</td>
<td><strong>Disability and visual outcomes following suspected abusive head trauma in children under 2-years</strong></td>
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<td>14.25-15.00</td>
<td><strong>Keynote Lecture: Professor Mary Reilly</strong></td>
<td>UCL Queen Square Institute of Neurology and National Hospital for Neurology and Neurosurgery, Queen Square, London</td>
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<td>Inherited neuropathies: new insights</td>
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| Fri 8 Jan 15.30-17.15 | **Hot Topics**  
*Chairs: Dr Geetha Anand (Oxford), Dr Rohini Rattihalli (Oxford) & Dr Kenneith Yong* |
|---------------------|-------------------------------------------------------------------------------------------------|
| **15.30-16.05**     | **Keynote Lecture: Professor Jon Stone**  
*Consultant Neurologist, University of Edinburgh*  
*Hot topics in functional neurological disorders* |
| **16.05-16.40**     | **Keynote Lecture: Professor Gabrielle de Veber**  
*Professor of Pediatrics, University of Toronto, Senior Scientist, Hospital for Sick Children Research Institute*  
*Pediatric stroke: A mechanism-based approach to treatment* |
| **16.40-17.15**     | **Keynote Lecture: Dr Tony Hart**  
*Consultant Paediatric Neurologist, Sheffield Children’s Hospital*  
*Hot topics in perinatal neurology - what’s new?* |
| **17.15-17.30**     | **Prize giving and close of meeting**  
*Professor Finbar O’Callaghan, BPNA President* |