



MOVEMENT DISORDERS
Special Interest Group
London, Tuesday 27 March 2012

Adaptive and Maladaptive Plasticity in Basal Ganglia and Thalamocortical Circuits:
*An update on present and future therapeutic models
of neuromodulation of motor function
in the developing and injured brain in children and young people*

- Venue:** Seminar Room 2, Sky 6th Floor, Evelina Children's Hospital, Lambeth Palace Road, Central London, SE1 7EH (closest tubes: Westminster or Waterloo)
- Date:** Tuesday 27 March 2012
- Time:** 09.00-18.30
- Aim:** To bring together emergent knowledge within the fields of developmental neurobiology and clinical neuroscience in children
- Target Audience:** All scientist and health professionals working in the field of Movement Disorders including: *(in no particular order!)* Paediatric Neurologists, Neurodisability Paediatricians, Allied Health Professionals, Psychologists, Psychiatrists, Trainees in Paediatric Neurology, Developmental Neuroscientists, Postgraduates in Neuroscience, BSc Students and Medical Students
- Registration Fee:** Clinicians: Full rate (£140)
Allied Health Professionals, Scientists, students: Reduced rate (£100)

Conference Organiser & Leader:

Jean-Pierre Lin, MRCP (UK) PhD, Consultant Paediatric Neurologist, Complex Motor Disorders Service, Evelina Children's Hospital, Guy's and St Thomas' Hospital and King's College Hospital NHS Foundation Trusts, King's Health Partners, London

BOOKING

Please complete the booking form below and send it by post or fax to:
BPNA Secretariat, Bridge House, Harrow Road, Bolton, BL1 4NH
Fax: +44 (0)1204 493003

Please make cheques payable to 'BPNA'

FURTHER INFORMATION

For further information, please contact Philippa Rodie at the BPNA on +44 (0)1204 492888 or email info@bpna.org.uk or alternatively email Jean-Pierre Lin at Jean-Pierre.Lin@gstt.nhs.uk



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PROVISIONAL PROGRAMME

08.30 – 09.00	Registration
Plasticity of Thalamocortical Circuits in the Developing Brain Chair: Jonathan Mink & Keyoumars Ashkan (TBC)	
09.00-09.05	Welcome Jean-Pierre Lin, London <i>Chair BPNA MDSIG</i>
09.05 - 09.50	Neuroimaging Patterns of Thalamocortical and Corticospinal Projections in the Developing Neonatal Brain in Health and Disease <i>Serena Counsell, London (Confirmed)</i>
09.50 - 10.30	Central Motor Conduction Times (CMCT) and Somatosensory Evoked Potentials in Children and Young People with Dystonia <i>Verity McClelland, London (confirmed)</i>
10.30-10.45	<i>Coffee/Tea</i>
Phylogeny and Ontogeny of the Basal Ganglia Functions Chair: David Edwards & Richard Selway (TBC)	
10.45 - 11.45	The Phylogeny of Basal Ganglia Functions: <i>what have the basal ganglia done for you?</i> A Neuroscientists Perspective <i>Peter Redgrave, Sheffield (Confirmed)</i>
11.45 - 12.30	The Ontogeny of Basal Ganglia Functions: <i>what have the basal ganglia done for you?</i> A Paediatric Neurologist's Perspective <i>Jonathan Mink Rochester NY (Confirmed)</i>
12.30 - 13.15	Impulse Control Disorders and Tics in Childhood <i>Tammy Hedderly and Penny Bunton, London (Confirmed)</i>
13.15-14.00	<i>Lunch</i>



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Adaptive roles of BDNF for Motor and Non-Motor Function in Health and Disease	
Chair: Peter Redgrave & Mike Samuel (TBC)	
14.00 – 14.30	The influence of Childhood Stress on BDNF levels in Young Adult Psychosis <i>Valeria Mondelli, London (Confirmed)</i>
14.30 – 15.15	The role of stress and BDNF levels on the clinical expression of Huntington’s Disease <i>Chiara Zuccato, Milan (Confirmed)</i>
15.15 – 15.45	Activity-dependent Plasticity and the Origins of Human Movement including the developmental appearance of Athetosis, Chorea and Dystonia <i>Jean-Pierre Lin, London ((Confirmed)</i>
15.45 – 16.00	<i>Tea/ Coffee</i>
Recent Advances in Deep Brain Stimulation for Dystonia in Children & Young People	
Chair: Ramesh Venkateswaran & Peter Baxter (TBC)	
16.00 – 16.40	Influence of basal ganglia and thalamic volume on accuracy of GPi targets, dystonia and quality of life outcomes in children and young people undergoing Deep Brain Stimulation <i>Daniel Lumsden, London</i>
16.40 – 17.10	Goal-directed outcomes following DBS for dystonia in children and young people using the Canadian Occupational Performance Model (COPM) <i>Hortensia Gimeno and Kylee Tustin, London</i>
17.10 – 17.30	Motor processing and executive function following DBS for dystonia in children and young people <i>Hortensia Gimeno and Tamsin Owen, London</i>
17.30 – 17.50	Oromotor function, feeding and speech in children and young people undergoing DBS for dystonia <i>Lesley Baker, London</i>
17.50 – 18.30	Pain, anxiety and complications in children and young people undergoing DBS for dystonia <i>Sarah Perides, Tamsin Owen and Margaret Kaminska, London (confirmed)</i>
18.30	<i>Finish</i>

For more information email: info@bpna.org.uk
 Telephone: +44 (0)1204 492888



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Booking Form

PERSONAL DETAILS

Title: _____ First Name: _____

Surname: _____

Position: _____

Place of Work: _____

Address for correspondence: _____

Telephone: _____

Email: _____

Where did you hear about this course? BPNA email / BPNA website / _____

REQUIREMENTS

Attendance at the BPNA Movement Disorders Special Interest Group Day London, 27 March 2011 Clinicians £140.00 Allied Health Professionals, Scientists, students £100.00	£ _____
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Special requirements (eg vegetarian, special dietary requirements):



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PLEASE DO NOT EMAIL YOUR CREDIT CARD DETAILS.

We will destroy your card details after your account has been debited and send you your card receipt by post

PAYMENT METHOD

Cheque enclosed for _____ payable to 'BPNA'

Invoice my employer:

For the attention of: _____

Purchase Order / Approval reference: _____

Full postal address: _____

_____ Postcode: _____

Telephone number in case of late payment (*must be provided*): _____

Credit/Debit Card:

Card holder's name: _____

Course attendee's name (if different): _____

Card holder's address: _____

_____ Postcode: _____

Amount: _____ Card holder's signature: _____

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Credit card number: \_\_\_\_\_

Card type: \_\_\_\_\_

Expiry date: \_\_\_\_\_ Start date/issue no: \_\_\_\_\_

Security number (last 3 digits on reverse of card): \_\_\_\_\_

**PLEASE SEND TO:**

Please send this booking form to the BPNA Secretariat, Bridge House, Harrow Road, Bolton, BL1 4NH, together with your cheque payable to 'BPNA (PET Course)' or by fax to 01204 493003.