

**Wednesday April 23<sup>th</sup> 2014**

<p><b><i>COST Action Clinical Training School (pre-registration required)</i></b> <b><i>ROOM 01/02</i></b> <b><i>Clinical Assessment and Behavioural Therapies for Tic Disorders</i></b> (T. Murphy, C. Verdellen, J. Van de Griendt, Z. Tarnok, L. Farkas, V. Czernecki, V. Negovanska, A.Hartmann, E. Gev &amp; J. Leclerc) <b>9:30-10:30</b> <i>Introduction and overview</i> - Background on TS, phenomenology, DSM-5, differential diagnoses – A. Hartmann <i>Outline of European guidelines (assessment)</i> –J. van de Griendt <b>10:30-11:00</b> Break <b>11:00-12:00</b> <i>Repetitive behaviours in TS</i> - tics, OCD, stereotypies – Z. Tarnok &amp; T. Murphy <b>12:00-12:30</b> <i>Pharmacotherapy of TS</i> – A. Hartmann <b>12:30-13:30</b> Lunch</p>	
<p><b>13:30-14:15</b> <i>Behaviour therapy for tics</i> – C. Verdellen <i>Psychoeducation</i> – L. Farkas <b>14:15-15:00</b> <i>Cognition in TS</i> – V. Czernecki &amp; V. Negovanska</p>	<p><b><i>European Workshop on Neuroimaging for Tourette Syndrome</i></b> <b><i>(COST Action BM0905) (OPEN TO ALL – pre-registration required)</i></b> <b><i>AUDITORIUM</i></b></p>
<p><b>15:00-15:30</b> Break <b>15:30 -17:00</b> <i>Group therapy in TS</i> – T. Murphy</p>	<p><b>15:00-16:30 Chair: Stephen Jackson (University of Nottingham, UK)</b> Diane Ruge (UCL, UK). Brain stimulation and TS Yulia Worbe (Pitié-Salpêtrière, France). Structural brain imaging in TS <b>16:30-17:00</b> Break</p>
	<p><b>17:00-19:00 Chair: Kirsten Mueller-Vahl (University of Hannover, Germany)</b> Christos Ganos (UCL, UK). Functional brain imaging in TS Alex Münchau (University of Lübeck, Germany). Functional brain imaging in TS (sponsored by <i>Cognitive Neuroscience</i> and Psychology Press) Amelia Draper (University of Nottingham, UK). Multimodal imaging in TS</p>

## Thursday April 24<sup>th</sup> 2014

<b>COST Action BM0905 Clinical Training School</b> <b><u>Clinical Assessment and Behavioural Therapies for Tic Disorders- ROOM 01/02</u></b>		<b>European Workshop on Neuroimaging for Tourette Syndrome</b> <b>(COST Action BM0905) - AUDITORIUM</b>
<b>9:30-10:45</b> <i>Outline Behavioural Treatment Manual for Tics – J. van de Griendt</i> <i>Exposure and response prevention for tics – C Verdellen</i> <i>Acceptance in TS – introduction – E. Gev</i>		<b>9:00-11:00</b> Working group 1: Do we want a European longitudinal prospective multicenter study on the natural history of TS? (Discussion Chairs: S. Jackson, University of Nottingham, UK; K Mueller-Vahl, University of Hannover, Germany)
<b>10:45-11:00 Break</b>		<b>11:00-11:30 Coffee Break</b>
<b>11:00-12:00</b> <i>Habit Reversal Training/CBIT - Z. Tarnok &amp; T. Murphy</i> tic selection, enhancing awareness training, competing response training function based interventions, social support/ motivational strategies		<b>11:30-13:00</b> Working group 2: Pooling neuroimaging data across the EU: How do we harmonize imaging acquisition and analysis across European centres? (Discussion Chairs: Y. Worbe, (Pitié-Salpêtrière, France; S. Jackson, University of Nottingham, UK)
<b>12:00-13:00 Lunch</b>		General Discussion
<b>13:00-15:00</b> <i>Practical Session ERP/HRT</i> <i>BEGINNERS (you may bring your own cases)</i>  video presentations/patient interaction case discussion/role play	<b>13:00-15:00</b> <i>Practical Session ERP/HRT</i> <i>ADVANCED (bring your own cases)</i>  video presentations/patient interaction case discussion/role play	
<b>15:00-15:15 Break</b>		
<b>15:15-16:45</b> <i>Additional interventions</i> Acceptance in behavioural therapies – E. Gev Cognitive interventions – J. van de Griendt & C. Verdellen Management of explosive outbursts – J. Leclerc  <b>16:45 – 17:00</b> <i>Evaluation</i>	<b>COST Action BM0905 Management Committee Meeting (by invitation)</b> <b>13:30-17:30 - ROOM 04</b>  <b><u>13:00-18:00 Registration/pick up conference material for 2014 ESSTS Annual Meeting</u></b>	<b>TS-EUROTRAIN Training Session – Introduction to the Phenomenology and Neurobiology of TS – AUDITORIUM</b> <b>(OPEN TO ALL - pre-registration required)</b>  <b>13:00 –14:00</b> K. Mueller-Vahl, University of Hannover, Germany: Everything you have always wanted to know about the phenotype of tics and GTS (including video practicing and epidemiology) <b>14:00-15:00</b> D. Cath, Utrecht University, Netherlands: Everything you have always wanted to know about the comorbidities of GTS (including videos and epidemiology) <b>15:15-16:00</b> DJ Veltman (VUMC, Netherlands): Neuroimaging studies of GTS <b>16:15-17:00</b> OA van den Heuvel (VUMC, Netherlands): Neuroimaging studies of OCD

## Friday, April 25<sup>th</sup> 2014 - **AUDITORIUM**

<b>2014 ESSTS Annual Meeting - COST Action BM0905 Training School – Invited Sessions (open to all ESSTS Meeting registered participants)</b>	
<b>8:00-9:00</b>	Registration (Registration also open on April 24, 13:00-18:00)
<b>9:00-10:30</b>	<b>Invited Speakers Session I (COST Action Training School) – Updates on the neurobiology of Tourette Syndrome</b> <i>Chairs: K. Müller-Vahl (University of Hannover, Germany), D. Cath (Utrecht University, Netherlands)</i> <ul style="list-style-type: none"> <li>- Goal directed and habitual control in Gilles de la Tourette syndrome. Y. Worbe (Pitié-Salpêtrière, France)</li> <li>- Changes in structural and functional MRI following Habit Reversal Training. Bahram Mohammadi (International Neuroscience Institute Hannover, Germany)</li> <li>- Neuroimaging studies of OCD: tic-related circuits ? OA van den Heuvel (VU University Amsterdam, The Netherlands)</li> <li>- Prospective findings in adults with TS. D. Cath (Utrecht University, The Netherlands)</li> </ul>
<b>10:30-11:00</b>	Break/Poster presentations
<b>11:00-12:30</b>	<b>Invited Speakers Session II (COST Action Training School) - Updates on deep brain stimulation in Tourette syndrome</b> <i>Chairs: T. Foltynie (UCL, UK), M. L. Welter (Pitié-Salpêtrière, France)</i> <ul style="list-style-type: none"> <li>- Animal models of tic expression. I. Bar-Gad (Bar-Ilan University, Israel)</li> <li>- A controlled multicenter trial of anteromedial GPi stimulation in patients with Gilles de la Tourette syndrome. M.L. Welter (Pitié-Salpêtrière, France)</li> <li>- Thalamic and pallidal deep brain stimulation in patients with severe Tourette Syndrome. L. Ackermans (Maastricht University, The Netherlands)</li> </ul>
<b>12:30-13:30</b>	Light lunch/ Poster presentations
<b>2014 ESSTS Annual Meeting – COST Action BM0905 International Conference for Tourette Syndrome</b>	
<b>13:30-14:15</b>	<b>Invited Speakers Session III – Genetics of Tourette Syndrome and related disorders</b> <i>Chairs: P. Paschou (Democritus University of Thrace, Greece), P. Hoekstra (Groningen University, The Netherlands)</i> <ul style="list-style-type: none"> <li>- Comparative Genomics of Tourette Syndrome and OCD. (Jeremiah Scharf, Harvard Medical School, USA)</li> <li>- Gene expression and splicing correlate with tics, drugs and ADHD symptoms in Tourette Syndrome. Frank Sharp (University of California Davis, USA)</li> </ul>
<b>14:15-15:45</b>	<b>Oral presentations I - Genetics (submitted abstracts)-Chairs: P. Paschou (Democritus University of Thrace, Greece), P. Hoekstra (Groningen University, The Netherlands)</b>
<b>15:45-17:15</b>	Break (Walk to Saint-Louis Chapel)
<b>17:15-17:30</b>	<b>Opening Ceremony – Welcome Address – A. Hartmann (Pitié-Salpêtrière, France), R. Minderaa (ESCAP President), P. Paschou (ESSTS Chair)</b>
<b>17:30-18:30</b>	<b>Keynote Speaker: Professor Bradley Peterson, Columbia University, USA</b> <b>Brain-Based Vulnerability and Compensation in Tourette Syndrome ?</b> <i>Chair: Y. Worbe (Pitié-Salpêtrière, France)</i>
<b>19:00</b>	Welcome reception/cocktail (Tour Zamansky, Jussieu)

**Saturday, April 26<sup>th</sup> 2014**

8:00-10:30	<b>TS-EUROTRAIN Annual Retreat - Business Meeting - ROOM 04 (by invitation)</b>
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<b>2014 ESSTS Annual Meeting – COST Action BM0905 International Conference for Tourette Syndrome - AUDITORIUM</b>	
	<b>Invited Speakers Session IV – The history of Tourette Syndrome</b> Chairs: A. Hartmann (Pitié-Salpêtrière, France), D. Martino (Queen Mary University of London, UK) <ul style="list-style-type: none"> <li>- George Gilles de la Tourette, The man behind the name: living his writing. O. Walusinski (Family practice, Brou, France)</li> <li>- Around Gilles de la Tourette, the 3B: Bourneville, Brissaud, Babinski. J. Poirier and M. Catala (Pitié-Salpêtrière, France)</li> <li>- Armand Trousseau and Georges Gilles de la Tourette: from tics to hysteria. A. Cavanna (University of Birmingham, UK)</li> </ul>
8:30-10:00	
10:00-10:30	Break/ Poster presentations
10:30-11:15	<b>Keynote Speaker: Professor Flora Vaccarino, Yale University, USA.</b> <b>Reduced basal ganglia interneurons and increased inflammation as revealed by transcriptome analysis in TS brains.</b> Chair: P. Paschou (Democritus University of Thrace, Greece)
11:15-12:45	<b>Oral presentations II – Neuroimaging and Therapies (submitted abstracts)</b> - Chairs: I. Bar-Gad (Bar-Ilan University, Israel), M. Vidailhet (ICM, France)
12:45-13:15	Light lunch/ Poster presentations
13:15-14:30	<b>Oral presentations III - Clinical Research (submitted abstracts)</b> - Chairs: R. Rizzo (University of Catania, Italy), F. Cardona (University of Rome, Italy)
14:30-14:45	<b>The Mary Robertson Young Investigator award - Presentation</b>
14:45-15:00	Break
15:00-15:45	Best Poster presentation award- Best Oral presentation award - <b>ESSTS general assembly</b>

16:00-19:30	<b>3rd European Tourette Syndrome Patient Groups Meeting (COST Action BM0905) ROOM 01/02</b>
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**Programme of Oral Presentations (submitted abstracts)**

**Friday, April 25, 2014**

<b>14:30-15:45</b>	<b>TS Genetics - Oral presentations (submitted abstracts)</b>
<b>01</b>	<b>Tsetos et al.</b> A Second Genome Wide Association Study for Tourette Syndrome. Democritus University of Thrace, Greece; UCSF, USA; Harvard Medical School, USA
<b>02</b>	<b>Karagiannidis et al.</b> The Gilles de la Tourette Syndrome GWAS Replication Initiative reveals significant signal of genetic association near the Netrin 4 gene. Gilles de la Tourette Syndrome Genomewide Association Study Replication Initiative
<b>03</b>	<b>Zilhã et al.</b> Genome-Wide Association Study in Obsessive Compulsive Symptoms. VU University, Amsterdam, The Netherlands
<b>04</b>	<b>Alexander et al.</b> Targeted re-sequencing approach of TS candidate genes implicates potentially functional variants in TS etiology. Democritus University of Thrace, Greece
<b>05</b>	<b>Arumilli et al.</b> CNV analysis in a large cohort of Tourette syndrome patients from Denmark. Applied Human Molecular Genetics, Kennedy Center, Denmark.
<b>06</b>	<b>Bertelsen et al.</b> Intragenic deletions affecting two alternative <i>IMMP2L</i> transcripts in patients with Tourette syndrome. Applied Human Molecular Genetics, Kennedy Center, Denmark.
<b>07</b>	<b>Piedad et al.</b> Tourette's syndrome in a person carrying the Huntington's disease gene. University of Birmingham & BSMHFT, UK

**Saturday, April 26, 2013**

<b>11:15-12:45</b>	<b>TS Neuroimaging and Therapies - Oral presentations (submitted abstracts)</b>
<b>08</b>	<b>Draper et al.</b> Multi-Modal brain imaging in Tourette Syndrome. University of Nottingham, UK
<b>09</b>	<b>Mol Debes et al.</b> Longitudinal MRI analysis of the developmental changes of Tourette Syndrome reveal reduced diffusion in the cortico-striato-thalamo-cortical pathways. Herlev University Hospital, Denmark
<b>010</b>	<b>Brandt et al.</b> Altered synaptic plasticity in Tourette syndrome and its relationship to motor skill learning. Institute of Neurogenetics, University of Lübeck, Germany
<b>011</b>	<b>Zapparoli et al.</b> Investigations of voluntary motor control in adult GTS through the lens of motor imagery: a functional MRI study. University of Milano-Bicocca, Italy
<b>012</b>	<b>Huys et al.</b> Therapeutic Effects of thalamic Deep Brain Stimulation in Tourette Patients. University of Cologne, Germany
<b>013</b>	<b>Ansquer et al.</b> Atomoxetine Decreases Vulnerability to Develop Compulsivity in High Impulsive Rats. Institut National de la Santé et de la Recherche Médicale (INSERM), France
<b>014</b>	<b>Van de Griendt et al.</b> Medication or behaviour therapy for tics, which works best? HSK Group Inc, The Netherlands
<b>13:15-14:45</b>	<b>TS Clinical Research - Oral presentations (submitted abstracts)</b>
<b>015</b>	<b>Leclerc et al.</b> Therapies for children with TS based on the adult's cognitive psychophysiological model. University of Quebec in Montreal, Canada
<b>016</b>	<b>Shephard et al.</b> The effects of co-occurring ADHD symptoms on learning and cognitive control in young people with TS. Institute of Psychiatry, King's College, UK
<b>017</b>	<b>Robinson et al.</b> Intense Imagination with Movements (IIMs): Neuropsychological case series of children with a newly identified subgroup of motor stereotypies. Guy's and St Thomas' NHS Foundation Trust, UK
<b>018</b>	<b>Zanaboni et al.</b> Creativity in Tourette Syndrome. Tourette Syndrome and Comorbid Disorders Center, IRCCS Galeazzi, Italy
<b>019</b>	<b>Steinberg et al.</b> Prevalence and Comorbidity of Tic Disorder in Israeli Adolescents: Results from a National Mental Health Survey. Schneider Children's Medical Center of Israel, Israel
<b>020</b>	<b>Palmer et al.</b> Employment in Tourette Syndrome. St George's University of London, UK
<b>021</b>	<b>Seragni et al.</b> Analysis of the needs of a European Network of clinicians and researchers for Tourette Syndrome: from the online survey to the design of a web based platform. Fondazione don Carlo Gnocchi ONLUS, Italy.