

# The 12th SSBP International Research Symposium

## Programme

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### Day 1 (Wednesday 14th October 2009)

9:00 – 10:00	Registration and Coffee (McCrum Lecture Theatre) Set up of Posters (Parker Room)
10:00 – 10:15	Welcome and Introductions <i>Petrus de Vries &amp; Vicky Whittemore</i>

#### Session 1: Molecular Aspects of Cognition and Behaviour (Chair: Vicky Whittemore)

10:15 – 11:00	Talk 1: <b>Keynote: How the TSC-mTOR story has led to targeted interventions for genetic disorders</b> <i>Brendan Manning, Boston, USA</i>
11:00 – 11:20	Talk 2: <b>Dysfunction of protein synthesis mediated by mTOR-dependent signalling in Fragile X syndrome</b> <i>C.A. Hoeffler, E. Klann, H. Wong, R.J. Hagerman &amp; F. Tassone</i>
11:20 – 11:40	Talk 3: <b>Evolution of the TSC1/TSC2-TOR signalling pathway</b> <i>J. Serfontein, R.E.R. Nisbet, C.J. Howe &amp; P.J. de Vries</i>
11:40 – 12:00	Talk 4: <b>Deregulation of EIF4E in autism: is translation a therapeutic opportunity?</b> <i>Z. Miedzybrodzka, M. Neves-Pereira, B. Mueller, D. Massie, J.H.G. Williams, P.C.M. O'Brien, A. Hughes, S-B. Shen &amp; D. St Clair</i>

#### 12:00 – 13:00: Lunch

Lunch boxes will be handed out in the McCrum Foyer. Please feel free to enjoy lunch in the McCrum Foyer, the Parker Room or the New Combination Room (NCR).

12:00 – 13:00	Set up of Posters (Parker Room)
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**Session 2: Translation: From Molecules to Man (Chairs: Christopher Howe & Petrus de Vries)**

13:00 – 13:45

Talk 5: **Keynote: Neuronal connectivity in Tuberous Sclerosis Complex: translating from mouse to man**

*Mustafa Sahin, Boston, USA*

13:45 – 14:05

Talk 6: **Identification of communal pathways in social memory and fear conditioning using mouse chromosome substitution strains**

*H. Bruining, O. Stiedl, F.J. Meye, E. Pjetri, H. Oppelaar, H. Van Engeland, H.S. Swaab & M.J.H. Kas*

14:05 – 14:50

Talk 7: **Keynote: Mouse models for cognitive disorders in Trisomy 21**

*Pierre Roubertoux, Aix-Marseille, France*

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**14:50 – 16:00: Tea & Poster Session 1**

Tea is available in the McCrum Foyer and in the Parker Room. Posters are on view in the Parker Room.

16:00 – 16:20

Talk 8: **Deep Brain Stimulation (DBS) for self-injury and aggression in Lesch-Nyhan Disease**

*J.C. Harris, Baltimore, USA*

16:20 – 16:40

Talk 9: **Deletions of neurexin-1 predispose to a wide spectrum of developmental disorders**

*R. Nasir, M. Ching, Y. Shen, S. Jeste, W-H. Tan & B-L. Wu*

16:40 – 17:30

Talk 10: **The 2009 Tom Oppé Lecture: Reversing neurodevelopmental disorders in adults: from the lab to the clinic**

*Alcino Silva, Los Angeles, USA*

**17:30 – 18:30: Poster Session 2**

Posters are on view in the Parker Room.

**18:30 – 20:30: Private Viewing, Positive Exposure (Michaelhouse, Trinity Street)**

Drinks and Canapés; Introductory talk at 19:00. All conference participants are invited to attend. Michaelhouse is five minutes' walk from Corpus.

**Day 2 (Thursday 15th October 2009)**

9:00 – 10:00 Coffee &amp; Registration (McCrum Lecture Theatre)

**Session 3: Early Development and Social-Cognition (Chair: Patricia Howlin)**

10:00 – 10:45	Talk 11: <b>Keynote: Cognitive development in infants with TSC: an additive model of genetic, electrophysiological and anatomical abnormality</b> <i>Ayla Humphrey, Cambridge, UK</i>
10:45 – 11:05	Talk 12: <b>Assessing the motoric phenotype in neurodevelopmental disorders</b> <i>J.H.G. Williams, M. Mon-Williams &amp; P. Culmer</i>
11:05 – 11:25	Talk 13: <b>Age-related change in social behaviour in children with Angelman syndrome</b> <i>D. Adams, H.K. Horsler, R. Mount &amp; C. Oliver</i>
11:25 – 11:45	Talk 14: <b>Impaired and preserved sociability, social interaction skills and stranger discrimination in Cornelia de Lange, Angelman and Cri du Chat syndromes</b> <i>J. Moss, P. Howlin, P. Tunncliffe, J. Petty, G. Griffith, R. Hastings, S. Beaumont, R. Yates &amp; C. Oliver</i>
11:45 – 12:05	Talk 15: <b>Linking social cognition and executive functioning to phenotypic behaviours in Rubinstein Taybi syndrome</b> <i>L.A. Powis, J.E. Waite, I. Apperly, S. Beck &amp; C. Oliver</i>
12:05 – 12:25	Talk 16: <b>Familial aggregation of regression among children with Autism Spectrum Disorder</b> <i>R.P. Goin-Kochel, S.U. Peters &amp; E. Duku</i>

**12:30 – 13:30: SSBP Annual General Meeting (McCrum Lecture Theatre)****12:30 – 14:30: Lunch and Poster Session 3**

Lunchboxes will be available from 12:30 (for those not attending the AGM), and after the AGM for those attending it. Please feel free to enjoy lunch in the McCrum Foyer, the Parker Room or the New Combination Room (NCR). Posters are on view in the Parker Room.

**Session 4: Neuropsychological Skills in Genetic Disorders (Chair: Jo Moss)**

14:30 – 14:50	Talk 17: <b>Trajectories of cognitive, linguistic and adaptive functioning in Williams syndrome</b> <i>P. Howlin, S. Elison &amp; C. Stinton</i>
14:50 – 15:10	Talk 18: <b>Cognitive functioning in Neurofibromatosis Type 1: Influence of maturation and ADHD-symptomatology</b> <i>S. Huijbregts, A. Noort, L. de Sonnevill &amp; H. Swaab-Barneveld</i>
15:10 – 15:30	Talk 19: <b>Executive function profiles of males and females with an additional X chromosome</b> <i>N. R. Lee, G.L. Wallace, C.R. Weddle, M. Liverpool, L.S. Clasen, J. Blumenthal, R.K. Lenroot &amp; J.N. Giedd</i>

**15:30 – 16:30: Tea & Poster Session 4**

Tea will be available in the McCrum Foyer and in the Parker Room. Posters are on view in the Parker Room.

16:30 – 16:50	Talk 20: <b>Lateralised spatial attentional bias and white matter tract connectivity in Tuberous Sclerosis Complex (TSC)</b> <i>D.L. McCartney, E.T. Bullmore, J. Suckling, G.B. Williams, J. Cross &amp; P.J. de Vries</i>
16:50 – 17:10	Talk 21: <b>Unimodal and cross-modal attention deficits in Fragile X syndrome: developmental trajectories and predictors of within-group heterogeneity</b> <i>G. Scerif, K. Cornish, V. Cole, E. Longhi &amp; A. Karmiloff-Smith</i>
17:10 – 17:30	Talk 22: <b>Executive function deficits and emotion recognition problems in boys with Klinefelter syndrome, relation to autism symptoms?</b> <i>H. Swaab, H. Bruining, S. van Rijn, M. Bierman, L. de Sonnevile &amp; H. van Engeland</i>
17:30 – 18:15	Talk 23: <b>Keynote: The importance of cross-syndrome comparisons: A neuroconstructivist approach</b> <i>Annette Karmiloff-Smith, London, UK</i>

**18:15 – 18:30: Closing Remarks & Conference Feedback (Vicky Whittemore & Petrus de Vries)**

**18:30: Take-down of posters**

Please remove posters from the poster boards in the Parker Room.

**19:30: Pre-dinner drinks (Old Combination Room (OCR))**

**20:00 – 23:00: Conference dinner (Corpus Hall)**

Dress code: jacket and tie.