SOCIETY FOR THE STUDY OF BEHAVIOURAL PHENOTYPES

An International Organisation
The SSBP is a Registered Charity: Charity No:1013849

Thursday
11th November 2004

2.00pm	Registration
3.00pm	**Session 1:** **Chair: Josep Artigas**
3.00pm **Keynote Lecture 1**	Advances in the genetics of Attention Deficit Hyperactivity Disorder. *Anita Thapar, Department of Psychological Medicine, University of Wales, Cardiff, UK*
3.30pm **Keynote Lecture 2**	Genetic causes of mental retardation: the state of the art. *Isabel Tejada, Unidad de Genetica, Hospital de Basurto, Bilbao, Spain*
4.00pm **Keynote Lecture 3**	Dissection of behaviour in murine models. *Xavier Estivill, Center for Genomic Regulation, Barcelona, Spain*.
4.30pm	Tea and Poster viewing
5.00pm	**Session 2: Angelman's syndrome** **Chair: Carme Brun**
5.00pm **Paper 4**	Behavioural aspects of Angelman Syndrome: A case control study of 91 individuals. *R J Barry, R P Leitner, A Clarke and Stewart Einfeld, Child & Adolescent Psychiatry Programs, Kogarah, Australia*
5.20pm **Paper 5**	Environmental influences on the behavioural phenotype of Angelman Sydnrome. *Kate Horsler and C Oliver, University of Birmingham, UK*

5.40pm
Paper 6
Melatonin for sleep onset insomnia in Angelman Syndrome.
W Bramm, M Smits, R Didden, and Leopold Curfs, Maastricht University, The Netherlands

6.00pm

Close of day

Social Programme

Friday
12th November 2004

9.00am

Session 3: Fragile X Syndrome
Chair: Randi Hagerman

9.00am
Keynote Lecturer 7

The Fragile X Syndrome and X-linked mental retardation (XLMR): 25 years later.
Jean Pierre Fryns, Center for Human Genetics, University of Leuven, Belgium

9.30am
Keynote Lecture 8

Fragile X Syndrome: a longitudinal developmental perspective.
Jeremy Turk, St George's Hospital Medical School, London, UK

10.00am
Keynote Lecture 9

Fragile X: Molecular insights into clinical involvement.
Paul Hagerman, MIND Institute, University of California, Davis, USA

10.30am

Tea & Coffee and Poster viewing

11.00am

Session 4: Fragile X Syndrome
Chair: Jeremy Turk

11.00am
Paper 10

Fragile X-associated tremor/ataxia (FXTAS): molecular, neuropathological and clinical correlations.
Flora Tassone, C Greco, C.Iwahashi, P Schwartz, RJ Hagerman and P Hagerman, School of Medicine, University of California, Davis, USA

11.20am
Paper 11

Of mice and men: neurobiological mechanism underlying mental retardation
Ger JA Ramakers, Elly JM van Galen, Kerstin Kutsche*, Ben A Oostra** and Ellen GM Kampert.
*Neurons and Networks, Netherlands Institute for Brain Research, Amsterdam; * Institut fur Humangenetik, Hamburg, Germany; ** Department of Clinical Genetics, Erasmus MC, Rotterdam, The Netherlands*

11.40am
Paper 12

Preliminary finding in boys with Fra X premutation.
Martine Borghgraef, J Steyaert, S Deroo, G Van Buggenhout, K Devriendt, B Maes and J-P Fryns, Centre for Human Genetics, Leuven, Belgium

12.00noon

Society for the Study of Behavioural Phenotypes Annual General Meeting. All are welcome.

1.30pm

Lunch

2.30pm

Session 5: Genetic Disorders
Chair: Kieran Murphy

2.30pm
Paper 13

FMRI study of visuospatial working memory in children and adolescent with Velo-Cardio-Facial Syndrome.
Rayna Azuma, L Campbell, E Daly, DGM Murphy and KC Murphy, Institute of Psychiatry, London, UK

2.50pm
Paper 14

An exploratory study of executive function (EF) in adults with Prader-Willi

Syndrome (PWS).
Robert Walley and MC Donaldson, Lothian Primary Care Trust and Edinburgh University, Scotland UK

3.10pm
Paper 15

Visuospatial processing in Tuberous Sclerosis.
Deborah McCartney and Petrus DeVries, Developmental Psychiatry Section, University of Cambridge UK

3.30pm
Paper 16

Behavioural characteristics of Lowe Syndrome
Katy Berg, University of Birmingham, Birmingham UK

3.50pm
Paper 17

Molecular and phenotypic characterisation of Ring Chromosome 22.
Sarah Curran, A Jeffries, F Elmslie, A Sharma, S Wenger, M Hummel and J Powell, Institute of Psychiatry, London, UK

4.10pm
Paper 18

Clinical and behavioural phenotype and outcome in Ring Chromosome 20 Syndrome.
Mary E O'Regan, Royal Hospital for Sick Children, Glasgow, UK

4.30pm

Tea and Poster viewing

5.00pm

Session 6:
Chair: Pat Howlin

5.00pm
Paper 19

A new pathway in the intraneuronal biology of autism.
Jean Steyaert, D Castermans, J Creemers and K Devriendt, Human Genetics

Centre, & Dept of Child Psychiatry, Leuven, Belgium

5.20pm
Paper 20

The phenomenology of self-injurious behaviour in individuals with genetic syndromes.
Katie Arron, C Oliver, K Berg, C Burbidge, J Moss and L Wilkie, University of Birmingham, Birmingham UK

5.40pm
Paper 21
A comparison of Cornelia de Lange, Cri du Chat, Prader-Willi, Smith-Magenis, Lowe, Angelman and Fragile X Syndrome.
Chris Oliver, K Arron, K Berg, C Burbidge, A Caley, S Duffay, M Hooker and J Moss. University of Birmingham, Birmingham UK

6.00pm

Meeting closes

Poster Presentations

Poster 1

Difference in performance on neuropsychological tests between people with Asperger's syndrome and those with high functioning autism.
F Ambery, A Russell, L Richardson and D Murphy Institute of Psychiatry, London, UK.

Poster 2

Neuropsychological functioning in adults with Asperger's syndrome.
F Ambery, A Russell, K Perry R Morris and D Murphy, Institute of Psychiatry, London, UK

Poster 3

Assessment of behavioural phenotype of Fragile X Syndrome with the DBC-P.
J Artigas Pallares, E Rigau Ratera, K Garcia Nonell, C Brun Gasca and E Vila Gabau Unitat de Neuropediatria, Hospital de Sabadell, Consourci Sanitaria Parc Tauli, Sabadell, Barcelona, Spain.

Poster 4

Cognitive profile of fetal alcoholic syndrome / Fetal alcohol effects.
J Artigas Pallares, E Rigau Ratera, K Garcia Nonell, A Ramirez Mallafre and M Torrabias Unitat de Neuropediatria, Hospital de Sabadell, Consourci Sanitaria Parc Tauli, Sabadell, Barcelona, Spain.

Poster 5

Hyperactivity in individuals with genetic syndromes associated with Learning Disabilities
C Burbidge, University of Birmingham, Birmingham, UK

Poster 6

Technical reading in Prader-Willi Syndrome.
T DeFloor, J Van Borsel, L M G Curfs, Ghent University, University of Maastricht and Research Institute of Growth & Development, The Netherlands

Poster 7

Expressive language in Prader-Willi Syndrome
T DeFloor, J Van Borsel, L M G Curfs, Ghent University, University of Maastricht and Research Institute of Growth & Development, The Netherlands

Poster 8

Aerodynamic and acoustic characteristic os voice in Kabuki syndrome.
T DeFloor, J Van Borsel, C Schrander-Stumpel and L M G Curfs, Ghent University, University of Maastricht and Research Institute of Growth & Development, The Netherlands

Poster 9

Expressive language in children with Kabuki syndrome
T DeFloor, J Van Borsel, C Schrander-Stumpel and L M G Curfs, Ghent University, University of Maastricht and Research Institute of Growth & Development, The Netherlands

Poster 10

Attachment under pressure genetic syndromes. M J Descheemaeker, A Swillen, M Borghgraef, D Willikens, V Govers, G Debossher, K Hellemans, B Maes and J-P Fryns, Center for Human Genetics and Dept of Special Education, University of Leuven, Belgium

Poster 11

Clinical, ethical, and regulatory issues in the use of protective devices with patients who have Lesch-Nyhan disease.
G Eddey, H Jinnah K Robey and L Beckly, UMDNJ – Matheny School and Hospital, Peapack, USA.

Poster 12

Neurocognitive profile of Williams syndrome.
K Garcia Nonell, E Rigau Ratera, C Brun Gasca, I Lorente Hutado, E Gabau Villa and J Artigas Pallares, Unitat de Neuropediatria, Sabadell, Spain.

Poster 13

Executive Dysfunction and sensory processing in CHARGE syndrome.
T S Hartshorne, T L Grialou, J M Russ, J Nicholas and W Dunn, Central Michigan University, USA, Vestlandet Resource Center Bergen Norway and University of Kansas Medical Center, USA

Poster 14

Assessment and treatment of a young person with Velo-Cardio-Facial syndrome and obsessive compulsive disorder.
M T Lax-Pericall, A Aguirregabiria, Kings College Hospital, London and Farnham Hospital, Farnham, UK

Poster 15

Predictive value of Bayley Mental Scale of BSID-II finding in children between 18 and 30 months. A Comparison with Kauffman Assessment Battery for children (K-ABC) at the age of 5 years.
G Ruiz, I Lorente, E Rigau, and K Garcia, Centro de Desarrollo infantile y Atencions Precoz, Sabadell, Spain.

Poster 16

An unstable intermediate allele in a family with Fragile X syndrome.
D Marcus-Soekarman, J Herbergs, LA Box, L Curfs, N va Slobbe-Knoers, J P Fryns and C Schrander-Stumpel, Clinical Genetics, Maastricht, University of Maastricht, Dept of Pediatrics, Veldhoven, Universitair Medisch Centrum St Radbound, Nijmegan, The Netherlands and Universitair Ziekenhuis Gsthuisber, Leven, Belgium.

Poster 17

FMRP immunodetection on hair roots: Application to the diagnosis of Fragile X syndrome.
M Mila, M Rife, M Lopez and F Famos, Hospital Clinic de Barcelona and Universidad de Zaragoza, Spain.

Poster 18

Repetitive behaviour in genetic syndromes.
J Moss, C Oliver, K Arron and C Burbidge, School of Psychology, University of Birmingham, UK

Poster 19

Neuropsychological profile of non-verbal Learning Disorders.
E Rigau Ratera, K Garcia Nonell, J Artigas Pallares, A Ramirez Mallafre and C Brun Gasca, Unitat de Neuropediatria, Hospital de Sabadell, Spain.

Poster 20

Environmental associations of self-injury in Cornelia de Lange Syndrome.
J Sloneem, Institute of Psychiatry, London, UK

Poster 21

Psychiatric profile of children with Velo-cardio-facial syndrome (VCFS).
A Stevens, L E Campbell, R Morris, A Karmiloff-Smith, E Simonoff, M Owen, D Murphy and K Murphy, Institute of Psychiatry and Institute of Child Health, London, University of Wales College of Medicine and Royal College of Surgeons in Ireland.

Poster 22

Essential tremor and ataxia in a female fragile X premutation carrier
A P Verri, C Uggetti, S Russo, V De Stefani, A Ramponi and S Colnaghi IRCCS Fondazione Istituto Neurological, C Mondion, Pavia and IRCCS Istituto Auzologico Italiano, Milano, Italy

Poster 23

Attachment and development preterm infants <1500g birth weight.
A von Gontard, C Ganseforth, D Rodder, A Kribs, F Pilledamp and B Roth, Saarland University Hospital, and University of Cologne, Germany

Poster 24

Understand of facial expressions of emotion by children with learning disabilities of differing aetiology.
J Wishart, D Willis, K Williams and T Pitcairn, Moray House School of Education, University of Edinburgh, UK.

Poster 25

The role of nerve function in Cornelia de Lange syndrome and Cri du Chat syndromes.
L Wilkie, J Moss, C Oliver, S Seri and S Friess, School of Psychology, University of Birmingham, UK

Poster 26

Pragmatic language skills in WS, VCFS, PWS, Fra-X syndrome: an explorative study.
D Willekens, V Govers, L Van de Putte, G Aerts, A Swillen, M Borghgraef, M J Descheemaeker, E Manders and J P Fryns.
University of Leuven, Belgium.