IMAGINE-ID outputs: publications and presentations

Peer reviewed:

Bass, N., & Skuse, D. (2018). Genetic testing in children and adolescents with intellectual disability. Current Opinion in Psychiatry, 31(6), 490-495

Chawner, S. J., Doherty, J. L., Moss, H., Niarchou, M., Walters, J. T., Owen, M. J., & van den Bree, M. B. (2017). Childhood cognitive development in 22q11. 2 deletion syndrome: case–control study. The British Journal of Psychiatry, 211(4), 223-230.

Chawner, S. J., Niarchou, M., Doherty, J. L., Moss, H., Owen, M. J., & van den Bree, M. B. (2019). The emergence of psychotic experiences in the early adolescence of 22q11. 2 Deletion Syndrome. Journal of psychiatric research, 109, 10-17.

Chawner, S. J., Owen, M.J., Holmans, P., Raymond, L., Skuse, D., Hall, J., Van den Bree, M.B.M. (2019). Genotype-phenotype associations in children with copy number variants associated with high neuropsychiatric risk in the UK (IMAGINE-ID): a case-control cohort study. The Lancet, Psychiatry, 6(6), 493-505.

Cunningham A., Delport S, Cumines W, Busse M, Linden D, Hall J, Owen M, and van den Bree M. (2018). Developmental coordination disorder, psychopathology and IQ in 22q11.2 deletion syndrome. British Journal of Psychiatry, 212(1), 27-33.

Moulding, H. A., Bartsch, U., Hall, J., Jones, M. W., Linden, D. E., Owen, M. J., & van den Bree, M. B. M. (2019). Sleep problems and associations with psychopathology and cognition in young people with 22q11.2 deletion syndrome (22q11. 2DS). Psychological medicine, 1-12.

Niarchou, M., Chawner, S. J., Fiksinski, A., Vorstman, J. A., Maeder, J., Schneider, M., ... & McDonald-McGinn, D. M. (2019). Attention deficit hyperactivity disorder symptoms as antecedents of later psychotic outcomes in 22q11.2 deletion syndrome. Schizophrenia research, 204, 302-325.

Niarchou M, Chawner S, Doherty J, Maillard A, Jacquemonent S, Chung W, Green-Snyder L, Bernier R, Goin-Kochel R, Hanson E, Linden D, Linden S, Raymond L, Skuse D, Hall J, Owen M, van den Bree M (2019). Psychiatric disorders in children with 16p11.2 deletion and duplication. Translational Psychiatry, 9.1: 8.

Printzlau, F., Wolstencroft, J., & Skuse, D. H. (2017). Cognitive, behavioral, and neural consequences of sex chromosome aneuploidy. Journal of neuroscience research, 95(1-2), 311-319.

Skuse, D., Printzlau, F., & Wolstencroft, J. (2018). Sex chromosome aneuploidies. Handbook of clinical neurology, 147, 355-376.

Srinivasan, R., Wolstencroft, J., Erwood, M., Raymond, F.L., Van Den Bree, M., Hall, J., IMAGINE ID Consortium & Skuse, D. Mental health and behavioural problems in children with XXYY: a comparison with intellectual disabilities. Journal of Intellectual Disabilities Research, 63(5), 477-488.

Wolstencroft, J., & Skuse, D. (2019). Social skills and relationships in Turner syndrome. Current Opinion in Psychiatry, 32(2), 85-91.

Wolstencroft, J., Robinson, L., Srinivasan, R., Kerry, E., Mandy, W., & Skuse, D. (2018). A systematic review of group social skills interventions, and meta-analysis of outcomes, for children with high functioning ASD. *Journal of autism and developmental disorders*, *48*(7), 2293-2307.

Wolstencroft, J., Mandy, W., & Skuse, D. (2019). Protocol: New approaches to managing the social deficits of Turner Syndrome using the PEERS program. *F1000Research*, *7*.

Submitted/ in preparation

IMAGINE ID Consortium et al. Genetic, phenotypic and environmental influences on development in Intellectual Disability and Autism (in preparation).

Baird, S.J. Chawner, J. Hall, M.J. Owen, M.B.M. van den Bree, Wide-ranging phenotypic characterisation of the 16p11.2 distal deletion and comparison with the 16p11.2 proximal deletion (In preparation).

Chawner, S.J.R.A., 16p11.2 European Consortium, ECHO Study, IMAGINE-ID Study, International 22q11.2DS Brain and Behavior Consortium, Simons Variation in Individuals Project, Doherty, J.L., Anney, R., Bearden, C.E., Bernier, R., Chung, W.K., Curran, S.R., Fiksinski, A.M., Gallagher, L., Hall, J., Hanson, E., Jacquemont, S., Kates, W.R., Maillard, A. M., Moss, H., Skuse, D.H., Snyder, L. G., Vorstman, J.A.S., Owen, M.J., van den Bree, M.B.M. A Genotype First Approach to Dissecting the Heterogeneity of Autism: Phenotypic Comparison of Autism Risk Copy Number Variants (In preparation).

Cunningham, A., The IMAGINE-ID Study, Hall, J., Owen, M.J., van den Bree, M.B.M. Coordination problems, IQ and psychopathology in children with high-risk Copy Number Variants. (http://biorxiv.org/cgi/content/short/662833v1).

Eaton, C.B., Thomas, R.H. Hamandi, K., Kerr, M.P., Linden, D.J., Owen, M.J., Cunningham, A., Bartsch, U., van den Bree, M.B.M. Epilepsy and seizures in young people with 22q11.2 Deletion Syndrome: prevalence and links with neurodevelopmental disorders (submitted).

Linden, S.C., Smith, J., Watson, C., Chawner, S. J., Evans, F., Lancaster, T., Williams, N., Hall, J., Owen, M.J., Linden, D.E.J., van den Bree, M.B.M. The psychiatric phenotypes of 1q21 deletion and duplication (In preparation).

Morrison, S., Swillen, A., van Amelsvoort, T., Owen, M.J., van den Bree, B.M. Cognitive deficits in childhood, adolescence and adulthood in 22q11.2 Deletion Syndrome and association with psychopathology (submitted).

Wolstencroft, J., Mandy, W., & Skuse, D. Experiences of social interaction in young women with Turner Syndrome: a qualitative review (submitted).

Conference proceedings:

Erwood, M., Wicks, F., Wolstencroft, J., Srinivasan, R., Hall, J., Van den Bree, M., ... & Raymond, F. L. (2017). Intellectual disability and copy number variants: mental health in the IMAGINE ID cohort. Journal of Intellectual Disability Research, 61(9), 828-828.

Chawner, S., Owen, M., Holmans, P., Raymond, L., Skuse, D., Hall, J., & van den Bree, M. (2019, June). Genotype-phenotype relationships in children with Copy Number Variants associated with high neuropsychiatric risk: Findings from the case-control IMAGINE-ID cohort in the United Kingdom. Presented at the Neurodevelopmental Disorders Annual Seminar Series 2019, Surrey, UK

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, June). Turner Syndrome: mental health and neurodevelopmental disorders from childhood to emerging adulthood. Presented at the Neurodevelopmental Disorders Annual Seminar Series 2019, Surrey, UK

Denyer, H., Watkins, A., Erwood, M., Wolstencroft, J., Srinivasan, R., IMAGINE-ID Consortium, & Skuse, D. (2019, June). Psychiatric comorbidities in children with Autism Spectrum Disorder and Intellectual Disability. Poster presentation at the Neurodevelopmental Disorders Annual Seminar Series 2019, Surrey, UK

Watkins, A., Denyer, H., Wolstencroft, J., Erwood, M., Srinivasan, R., IMAGINE-ID Consortium, & Skuse, D. (2019, June). Medical and physical health in children with intellectual disability of genetic aetiology with and without ASD. Poster presentation at the Neurodevelopmental Disorders Annual Seminar Series 2019, Surrey, UK

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, June). SOAR Study: New approaches to managing social skills deficits in Turner Syndrome. Poster presentation at the Neurodevelopmental Disorders Annual Seminar Series 2019, Surrey, UK

Niarchou, M., Chawner, s., Doherty, J., Fiksinski, A., Vorstman, J., Maeder, J., Schneider, M., Eliez, S., Armando, M., Pontillo, M., Vicari, S., McDonald-McGinn, D., Emanuel, B., Zackai, E., Bearden, C., Shashi, V., Hooper, S., Gur, R., Wray, N., Thapar A., & Owen, M. (2019, June). Psychopathology and neurocognitive function in childhood and the development of subthreshold psychotic phenomena in adolescence in 22q11.2DS. ESCAP Vienna, Austria

Owen, M. (2019, May). Genomics and the Nature of Schizophrenia. Biosciences Graduate Research School (BGRS) Symposium at University of Birmingham, UK

Van den Bree, M.B.M. (2019) Sleep Problems and Neurodevelopment in 22q11.2 Deletion Syndrome. The Waterloo Foundation "Changing Minds" symposium, Cardiff, UK

Van den Bree, M.B.M. (2019) Cardiff studies of 22q11.2DS. 22q Ireland conference, Belfast

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, May). Turner Syndrome: mental health and social skills from childhood to emerging adulthood. Poster session presented at the European Congress of Endocrinology, Lyon, France

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, May). SOAR Study: New approaches to managing social skills deficits in Turner Syndrome. Poster session presented at the European Congress of Endocrinology, Lyon, France

Denyer, H., Watkins, A., Erwood, M., Wolstencroft, J., Srinivasan, R., IMAGINE-ID Consortium, & Skuse, D. (2019, May). Psychiatric comorbidities in children with Autism Spectrum Disorder and Intellectual Disability. Poster presentation at the International Society for Autism Research, Montreal, Canada

Watkins, A., Denyer, H., Wolstencroft, J., Erwood, M., Srinivasan, R., IMAGINE-ID Consortium, & Skuse, D. (2019, May). Medical and physical health in children with intellectual disability of genetic aetiology with and without ASD. Poster presentation at the International Society for Autism Research, Montreal, Canada

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, May). Turner Syndrome: a new research model for ASD in girls? Poster session presentation at the International Society for Autism Research, Montreal, Canada

Owen, M. (2019, March). Epidemiology of psychiatric disorders. Gatsby/Wellcome Neuroscience Spring Conference, Royal College of Psychiatrists, London, UK

Wolstencroft, J., Mandy, W., & Skuse, D. (2019, February). Genetics and social cognition: Developmental changes in emotion recognition in Turner Syndrome. Poster session presented at UCL Doctoral School Research Poster Competition, London, UK

Owen, M. (2018, February). Psychiatric Genetics: Implications for treatment, prevention and personalised medicine. Llandough lecture series, Llandough hospital, Cardiff, UK

Denyer, H., Fatih, N., Erwood, M., Wolstencroft, J., Srinivasan, R., IMAGINE ID Consortium, & Skuse, D. (2018, October). Eating difficulties in children with intellectual disability of known genetic aetiology. Poster session presented at University College London Mental Health symposium, London, UK

Van den Bree, M.B.M. (2018). The Research Potential of Our CNV Cohorts; Looking Towards The Future. NMHRI Centre Neurodevelopmental Disorder Research Day at to celebrate the opening of the new Child Development Centre, Cardiff.

Cunningham, A.C., Hall, J., Owen, M.J., van den Bree, M.B.M. (2018). Motor function in neurodevelopmental disorders. Waterloo foundation research day, Cardiff.

Morrison, S., Chawner, S.J.R.A., van Amelsvoort, T.A.M.J., Swillen, A., Vingerhoets, C., Vergaelen, E., Linden, D.E.J., Linden, S., Owen, M.J., van den Bree, M.B.M. (2018, November). Vulnerable periods for cognitive development in individuals at high genomic risk of schizophrenia. Welsh Psychiatric Society, Swansea

Chawner, S.J.R.A., Skuse, D., Raymond, L., Hall, J., Owen, M.J., Van den Bree, M.B.M. (2018, September). Intellectual Disability and Mental Health: Assessing the Genomic Impact on Neurodevelopment. Transdiagnostic conference, Cambridge University, UK

Owen, M. (2018, August). Schizophrenia and the neurodevelopmental continuum; new support from genomics. 31st ECNP Congress of Applied and Translational Neuroscience. Barcelona, Spain

Morrison, S., Chawner, S.J.R.A., van Amelsvoort, T.A.M.J., Swillen, A., Vingerhoets, C., Vergaelen, E., Linden, D.E.J., Linden, S., Owen, M.J., van den Bree, M.B.M. (2018, June). Cognitive functioning and neurodevelopmental disorders across development in 22q11.2 Deletion Syndrome. Presented at Neurodevelopmental Disorders Annual Seminar, Coventry, UK

Wolstencroft, J., Mandy, W., & Skuse, D. (2018, June). The meaning of friendship in girls and women with Turner Syndrome. Poster session presented at UCL Doctoral School Research Poster Competition, London UK

Wolstencroft, J., Mandy, W., & Skuse, D. (2018, May) Autism Spectrum Disorders in girls and women with Turner Syndrome. Presented at International Society for Autism Research, Rotterdam, Netherlands

Wolstencroft, J., Robinson, L., Srinivasan, R., Kerry, E., Mandy, W., & Skuse, D. (2018, May). A Systematic Review of Group Social Skills Interventions, and Meta-analysis of Outcomes, for Children with High Functioning ASD. Presented at International Society for Autism Research, Rotterdam, Netherlands

Srinivasan, R., Erwood, M., Wolstencroft, J., IMAGINE ID Consortium & Skuse, D. (2018, May). Discontinuities in Autism Spectrum Disorder traits among children with Intellectual Disability. Presented at International Society for Autism Research, Rotterdam, Netherlands

Fatih, N., Denyer, H., Wolstencroft, J., Erwood, M., Srinivasan, R., IMAGINE ID Consortium, & Skuse, D. (2018, May). Parental and child well-being in children with intellectual disability of genetic aetiology with a history of seizures. Poster session presented at University College London Populations & Lifelong Health Domain Symposium, London, UK

Owen, M. (2018, April). Genomics and Psychiatric Diagnosis. Schizophrenia International Research Society, Florence, Italy

Morrison, S., Chawner, S.J.R.A., van Amelsvoort, T.A.M.J., Swillen, A., Vingerhoets, C., Vergaelen, E., Linden, D.E.J., Linden, S., Owen, M.J., van den Bree, M.B.M. (2018, April). Vulnerable periods for cognitive development in individuals at high genomic risk of schizophrenia. Schizophrenia International Research Society, Florence, Italy https://academic.oup.com/schizophreniabulletin/article/44/suppl_1/S86/4957279.

Owen, M. (2018, April). Psychiatric genetics: implications for prevention and early intervention. MQ Mental Health Science Meeting, London, UK

Chawner, S.J.R.A., Skuse, D., Raymond, L., Hall, J., Owen, M.J., Van den Bree, M.B.M. (2017, December). Intellectual Disability and Mental Health: Assessing the Genomic Impact on Neurodevelopment. 17th Seattle Club, Durham, UK

Chawner, S.J.R.A., Doherty, J., Moss, H., Bearden, C., Bernier, R., Chung, W., Curran, S., Fiksinski, A.M., Hall, J., Hanson, E., Jacquemont, S., Kates, Maillard, A.M., Raymond, L., Skuse, D.H., Snyder, L.A.G., Vorstman, J., Owen, M.J., van den Bree, M.B.M. (2017, October). A Genetic First Approach to Dissecting the Heterogeneity of Autism: Phenotypic Comparison of Autism Risk Copy Number Variants. World Congress of Psychiatric Genetics, Orlando, USA

Wolstencroft, J., Mandy, W., & Skuse, D. (2017, November). ASD and ADHD in young girls and women with Turner Syndrome. Poster session presented at UCL GOS ICH Open Day Research Poster Competition, London, UK

Chawner, S.J.R.A., Doherty, J., Moss, H., Bearden, C., Bernier, R., Chung, W., Curran, S., Fiksinski, A.M., Hall, J., Hanson, E., Jacquemont, S., Kates, Maillard, A.M., Raymond, L., Skuse, D.H., Snyder, L.A.G., Vorstman, J., Owen, M.J., van den Bree, M.B.M. (2017, October). Autism in 22q11.2 Deletion Syndrome. 22q11 Europe conference, Dublin, Ireland

Wolstencroft, J., Mandy, W., & Skuse, D. (2017, September). Mental health and social skills in Turner Syndrome: A developmental perspective. Presented at the Society for Study of Behavioural Phenotypes Annual Conference, Rotterdam, Netherlands

Owen, M. (2017, September). Genomics and the Nature of Schizophrenia. European Conference on Schizophrenia Research, Berlin, Germany

Chawner, S.J.R.A., Doherty, J., Moss, H., Bearden, C., Bernier, R., Chung, W., Curran, S., Fiksinski, A.M., Hall, J., Hanson, E., Jacquemont, S., Kates, Maillard, A.M., Raymond, L., Skuse, D.H., Snyder, L.A.G., Vorstman, J., Owen, M.J., van den Bree, M.B.M. (2017, June). Genetic disorders differ in ASD profile: evidence that ASD is dissociable at the genetic level. Neurodevelopmental Disorders Annual Seminar, London, UK

Owen, M. (2017, June). Schizophrenia and neurodevelopmental continuum. MRC Symposium - The Developing Brain in Health and Disease, London, UK

Owen, M. (2017, June). Genomics and the Nature of Schizophrenia. Neuroscience in Bordeaux Association, Bordeux, France

Owen, M. (2017, May). Schizophrenia Genetics: Implications for Clinical Practice. Clinical Genetics & Psychiatry - What's New? Conference, Cardiff, UK

Owen, M. (2017, January). Genetics of schizophrenia: implications for clinical practice. Treating Schizophrenia conference (Mark Allen group), London, UK

Srinivasan, R., Wolstencroft. J., Kerry. E., IMAGINE ID Consortium, & Skuse, D. (2017, April). *ASD and* ID: results from a national study of ID of genetic origin. Poster session presented at the International Society for Autism Research, San Francisco, USA

Wolstencroft, J., Kerry, E., Lucock, A., Srinivasan, R., IMAGINE ID Consortium & Skuse, D. (2017, January). Service provision and mental health of adolescents with rare genetic disorders and intellectual disability. Poster session presented at the Children's policy research unit: Drawing on data to transform lives: improving services for vulnerable adolescents, The Great Ormond Street Institute of Child Health, University College London, UK

Wolstencroft J., Srinivasan R., Kerry E., Skuse D., & IMAGINE ID Consortium (2016, October). Inheritance Matters: Behavioural and Emotional difficulties in Intellectual Disability associated with Copy Number Variants. Poster session presented as a poster at the RCPsych Faculties of Child & Adolescent Psychiatry and General Adult Psychiatry Annual Conference, Birmingham, UK

Srinivasan, R., Wolstencroft. J., Kerry. E., IMAGINE ID Consortium, & Skuse, D. (2016, September). The behavioural phenotype of XXYY in childhood: a comparison with intellectual disability. Poster session presented at the Society for Study of Behavioural Phenotypes Annual Conference, Siena, Italy.

Chawner, S. J. R. A., Doherty, J., Curran, S., Owen, M.J., Van den Bree, M.B.M. (2016, July). What are measures of autism spectrum disorder capturing in 22q11.2 Deletion Syndrome? The 10th Biennial International 22q11.2 DS meeting, Sirmione, Italy

Chawner, S. J. R. A., Owen, M.J., Van den Bree, M.B.M., Hall, J. (2016, June). The neurobiology of neurodevelopmental copy number variants. Royal College of Psychiatrists International Congress, London, UK

Owen, M. (2016, May). Schizophrenia, autism and the neurodevelopmental continuum. 4th International Symposium - Autism spectrum disorders: From Genes to Interventions, Montreal, Canada