Publications List 2011

Peer-reviewed publications

1. Bates TC, Luciano M, Medland SE, Montgomery GW, Wright MJ and Martin NG (2011). "Genetic variance in a component of the language acquisition device: ROBO1 polymorphisms associated with phonological buffer deficits." *Behav Genet* **41**(1): 50-57.
2. Bjornerem A, Ghasem-Zadeh A, Bui M, Wang X, Rantzau C, Nguyen TV, Hopper JL, Zebaze R and Seeman E (2011). "Remodeling markers are associated with larger intracortical surface area but smaller trabecular surface area: a twin study." *Bone* **49**(6): 1125-1130.
3. Brockschmidt FF, Heilmann S, Ellis JA, Eigelshoven S, Hanneken S, Herold C, Moebus S, Alblas MA, Lippke B, Kluck N, Priebe L, Degenhardt FA, Jamra RA, Meesters C, Jockel KH, Erbel R, Harrap S, Schumacher J, Frohlich H, Kruse R, Hillmer AM, Becker T and Nothen MM (2011). "Susceptibility variants on chromosome 7p21.1 suggest HDAC9 as a new candidate gene for male-pattern baldness." *Br J Dermatol* **165**(6): 1293-1302.
4. Busst CJ, Bloomer LD, Scurrah KJ, Ellis JA, Barnes TA, Charchar FJ, Braund P, Hopkins PN, Samani NJ, Hunt SC, Tomaszewski M and Harrap SB (2011). "The epithelial sodium channel gamma-subunit gene and blood pressure: family based association, renal gene expression, and physiological analyses." *Hypertension* **58**(6): 1073-1078.
5. Cobb JE, Wong NC, Yip LW, Martinick J, Bosnich R, Sinclair RD, Craig JM, Saffery R, Harrap SB and Ellis JA (2011). "Evidence of increased DNA methylation of the androgen receptor gene in occipital hair follicles from men with androgenetic alopecia." *Br J Dermatol* **165**(1): 210-213.
6. Cobb JE, Zaloumis SG, Scurrah KJ, Harrap SB and Ellis JA (2010). "Evidence for two independent functional variants for androgenetic alopecia around the androgen receptor gene." *Exp Dermatol* **19**(11): 1026-1028.
7. Coventry WL, Byrne B, Olson RK, Corley R and Samuelsson S (2011). "Dynamic and static assessment of phonological awareness in preschool: a behavior-genetic study." *J Learn Disabil* **44**(4): 322-329.
8. Ellis JA, Lamantia A, Chavez R, Scurrah KJ, Nichols CG and Harrap SB (2010). "Genes controlling postural changes in blood pressure: comprehensive association analysis of ATP-sensitive potassium channel genes KCNJ8 and ABCC9." *Physiol Genomics* **40**(3): 184-188.
9. Fahy SJ, Sun C, Zhu G, Healey PR, Spector TD, Martin NG, Mitchell P, Wong TY, Mackey DA, Hammond CJ and Andrew T (2011). "The relationship between retinal arteriolar and venular calibers is genetically mediated, and each is associated with risk of cardiovascular disease." *Invest Ophthalmol Vis Sci* **52**(2): 975-981.
10. Greene DA and Naughton GA (2011). "Calcium and vitamin-D supplementation on bone structural properties in peripubertal female identical twins: a randomised controlled trial." *Osteoporos Int* **22**(2): 489-498.

11. Larsson M, Duffy DL, Zhu G, Liu JZ, Macgregor S, McRae AF, Wright MJ, Sturm RA, Mackey DA, Montgomery GW, Martin NG and Medland SE (2011). "GWAS findings for human iris patterns: associations with variants in genes that influence normal neuronal pattern development." *Am J Hum Genet* **89**(2): 334-343.
12. Luciano M, Hansell NK, Lahti J, Davies G, Medland SE, Raikkonen K, Tenesa A, Widen E, McGhee KA, Palotie A, Liewald D, Porteous DJ, Starr JM, Montgomery GW, Martin NG, Eriksson JG, Wright MJ and Deary IJ (2011). "Whole genome association scan for genetic polymorphisms influencing information processing speed." *Biol Psychol* **86**(3): 193-202.
13. Luciano M, Montgomery GW, Martin NG, Wright MJ and Bates TC (2011). "SNP sets and reading ability: testing confirmation of a 10-SNP set in a population sample." *Twin Res Hum Genet* **14**(3): 228-232.
14. Martin NW, Benyamin B, Hansell NK, Montgomery GW, Martin NG, Wright MJ and Bates TC (2011). "Cognitive function in adolescence: testing for interactions between breast-feeding and FADS2 polymorphisms." *J Am Acad Child Adolesc Psychiatry* **50**(1): 55-62 e54.
15. Martin NW, Medland SE, Verweij KJ, Lee SH, Nyholt DR, Madden PA, Heath AC, Montgomery GW, Wright MJ and Martin NG (2011). "Educational attainment: a genome wide association study in 9538 Australians." *PLoS One* **6**(6): e20128.
16. Middeldorp CM, De Moor MH, McGrath LM and al e (2011). "The genetic association between personality and major depression or bipolar disorder. A polygenic score analysis using genome-wide association data." *Translational Psychiatry* **1**: e50.
17. Olson RK, Keenan JM, Byrne B, Samuelsson S, Coventry WL, Corley R, Wadsworth SJ, Willcutt EG, Defries JC, Pennington BF and Hulslander J (2011). "Genetic and Environmental Influences on Vocabulary and Reading Development." *Sci Stud Read* **15**(1): 26-46.
18. Pearsall-Jones JG, Piek JP, Steed L, McDougall MR and Levy F (2011). "Monozygotic twins concordant and discordant for DCD: two sides to the story." *Twin Res Hum Genet* **14**(1): 79-87.
19. Rizzi TS, Arias-Vasquez A, Rommelse et al (2011). "The ATXN1 and TRIM31 genes are related to intelligence in an ADHD background: evidence from a large collaborative study totaling 4,963 subjects." *Am J Med Genet B Neuropsychiatr Genet* **156**(2): 145-157.
20. Sachdev PS, Lee T, Lammel A, Crawford J, Trollor JN, Wright MJ, Brodaty H, Ames D and Martin NG (2011). "Cognitive functioning in older twins: the Older Australian Twins Study." *Australas J Ageing* **30 Suppl 2**: 17-23.
21. Stein JL, Hibar DP, Madsen SK, Khamis M, McMahon KL, de Zubicaray GI, Hansell NK, Montgomery GW, Martin NG, Wright MJ, Saykin AJ, Jack CR, Jr., Weiner MW, Toga AW and Thompson PM (2011). "Discovery and replication of dopamine-related gene effects on caudate volume in young and elderly populations (N=1198) using genome-wide search." *Mol Psychiatry* **16**(9): 927-937, 881.
22. Stokes L, Scurrah K, Ellis JA, Cromer BA, Skarratt KK, Gu BJ, Harrap SB and Wiley JS (2011). "A loss-of-function polymorphism in the human P2X4 receptor is associated with increased pulse pressure." *Hypertension* **58**(6): 1086-1092.
23. Wade TD, Zhu G and Martin NG (2011). "Undue influence of weight and shape: is it distinct from body dissatisfaction and concern about weight and shape?" *Psychol Med* **41**(4): 819-828.
24. Zietsch BP, Verweij KJ, Bailey JM, Wright MJ and Martin NG (2011). "Sexual orientation and psychiatric vulnerability: a twin study of neuroticism and psychoticism." *Arch Sex Behav* **40**(1): 133-142.

Posters/Presentations

1. Byrne, B. (2011). *Reading lessons from twins*. Invited presentation, Karolinska Institute, Stockholm, May 15).
2. Ferreira P, Ferreira M, Lam C, Maher C, Hopper J. Risk factors for low back pain among twins – a web-based population survey. XI Australian International Forum. Primary Care Research on Low Back Pain. 2011; Melbourne, Australia.
3. Lammel, A., Shores, E. A., Sachdev, P. S. (2011). "Heritability of episodic memory in elderly twins (Abstract)". Journal of the International Neuropsychological Society 17(S2): 1.
4. Batouli, S. E. A., Trollor, J. N., et al. (2011). Low heritability of brain biochemistry in the elderly: Results from the Older Australian Twins Study (poster). 17th Annual Meeting of the Organization for Human Brain Mapping, Québec City, Canada.
5. Lammel, A., Shores, E. A., Sachdev, P. S. (2011). Heritability of episodic memory (poster). 2011 International Neuropsychological Society's mid-year Conference, Auckland, New Zealand.
6. Lee, T., Crawford, J. et al. (2011). "Is age-related variance in episodic memory mediated by processing speed and executive functioning? (poster). 2011 International Conference on Alzheimer's Disease. Paris, France.

Books

1. Byrne, B. (2011). Evaluating the role of phonological factors in early literacy development: Insights from experimental and behavior-genetic studies. In S. Brady, D. Braze, & C. Fowler (Eds.), *The phonological deficit hypothesis.* Taylor and Francis.
2. Byrne B (2011). Evaluating the role of phonological factors in early literacy development: Insights from experimental and behavioiur-genetic studies. In: *Explaining Individual Difference in Reading: Theory and Evidence*. S. Brady, D. Braze and C. Fowler, Psychology Press.