

Publications List

2017



CONFERENCE PUBLICATIONS

Giacomo, B. (2017). *Why we like what we like: Genetical and Environmental influences on visual aesthetic preferences*. Bachelor internship project in Health Sciences Center for Neurogenomics and Cognitive Research Complex Trait Genetic Department. VRIJE UNIVERSITEIT AMSTERDAM.

Lam, J., Scurrah, K., & Dite, G. S. (2017). *Twin Pregnancy and Birth Trends in Australia*. Paper presented at the Better Health for Twins & Multiples: From Conception to School & Beyond Melbourne.

MEDIA RELEASES

Byrne Brian, G. K., Olsen Richard, Coventry William. (2017, 12/09//2017). For Australian students, academic potential still outweighs social circumstances. *The conversation*.

JOURNAL ARTICLES

Agrawal, A., Nelson, E. C., Bucholz, K. K., Tillman, R., Grucza, R. A., Statham, D. J., . . . Lynskey, M. T. (2017). Major depressive disorder, suicidal thoughts and behaviours, and cannabis involvement in discordant twins: a retrospective cohort study. *Lancet Psychiatry*, 4(9), 706-714. doi:10.1016/s2215-0366(17)30280-8

Armstrong, N. J., Mather, K. A., Thalamuthu, A., Wright, M. J., Trollor, J. N., Ames, D., . . . Kwok, J. B. (2017). Aging, exceptional longevity and comparisons of the Hannum and Horvath epigenetic

clocks. *Epigenomics*, 9(5), 689-700. doi:10.2217/epi-2016-0179

Ball, T. M., Goldstein-Piekarski, A. N., Gatt, J. M., & Williams, L. M. (2017). Quantifying person-level brain network functioning to facilitate clinical translation. *Translational Psychiatry*, 7(10), e1248. doi:10.1038/tp.2017.204

Bogl, L. H., Jelenkovic, A., Vuoksimaa, E., Ahrenfeldt, L., Pietilainen, K. H., Stazi, M. A., . . . Kaprio, J. (2017). Does the sex of one's co-twin affect height and BMI in adulthood? A study of dizygotic adult twins from 31 cohorts. *Biol Sex Differ*, 8, 14. doi:10.1186/s13293-017-0134-x

Brouwer, R. M., Panizzon, M. S., Glahn, D. C., Hibar, D. P., Hua, X., Jahanshad, N., . . . Hulshoff Pol, H. E. (2017). Genetic influences on individual differences in longitudinal changes in global and subcortical brain volumes: Results of the ENIGMA plasticity working group. *Hum Brain Mapp*, 38(9), 4444-4458. doi:10.1002/hbm.23672

Calais-Ferreira, L., Oliveira, V. C., Craig, J. M., Flander, L. B., Hopper, J. L., Teixeira-Salmella, L. F., & Ferreira, P. H. (2017). Twin studies for the prognosis, prevention and treatment of musculoskeletal conditions. *Braz J Phys Ther*. doi:10.1016/j.bjpt.2017.12.004

Costanzo, A., Orellana, L., Nowson, C., Duesing, K., & Keast, R. (2017). Fat taste sensitivity is associated with short-term and habitual fat intake. *Nutrients*, 9(7), 781.

Cuellar-Partida, G., Williams, K. M., Yazar, S., Guggenheim, J. A., Hewitt, A. W., Williams, C., . . . MacGregor, S. (2017). Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. *International journal*

of epidemiology, 46(6), 1882-1890.
doi:10.1093/ije/dyx068

Donnelly, T. J., Bott, A., Bui, M., Goh, S., Jaaniste, T., Chapman, C., . . . Champion, D. (2017). Common Pediatric Pain Disorders and Their Clinical Associations. *Clin J Pain*, 33(12), 1131-1140.
doi:10.1097/AJP.0000000000000496

Garton, F. C., Benyamin, B., Zhao, Q., Liu, Z., Gratten, J., Henders, A. K., . . . McCombe, P. A. (2017). Whole exome sequencing and DNA methylation analysis in a clinical amyotrophic lateral sclerosis cohort. *Mol Genet Genomic Med*, 5(4), 418-428. doi:10.1002/mgg3.302

Gould, K. L., Coventry, W. L., Olson, R. K., & Byrne, B. (2018). Gene-environment interactions in ADHD: the roles of SES and chaos. *Journal of abnormal child psychology*, 46(2), 251-263.

Grasby, K., Coventry, W., Byrne, B. and Olson, R. (2017). Little Evidence That Socioeconomic Status Modifies Heritability of Literacy and Numeracy in Australia. *Child Development*, 1-15.

Guadalupe, T., Mathias, S. R., vanErp, T. G. M., Whelan, C. D., Zwiers, M. P., Abe, Y., . . . Francks, C. (2017). Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging Behav*, 11(5), 1497-1514.
doi:10.1007/s11682-016-9629-z

Guo, K., Youssef, G. J., Dawson, A., Parkes, L., Oostermeijer, S., López-Solà, C., . . . Yücel, M. (2017). A psychometric validation study of the Impulsive-Compulsive Behaviours Checklist: a transdiagnostic tool for addictive and compulsive behaviours. *Addictive behaviors*, 67, 26-33.

Hibar, D. P., Adams, H. H. H., Jahanshad, N., Chauhan, G., Stein, J. L., Hofer, E., . . . Ikram, M. A. (2017). Novel genetic loci associated with hippocampal volume. *Nat Commun*, 8, 13624.
doi:10.1038/ncomms13624

Jelenkovic, A., Yokoyama, Y., Sund, R., Pietilainen, K. H., Hur, Y. M., Willemsen, G., . . . Silventoinen, K. (2017). Association between birthweight and later body mass index: an individual-based pooled analysis of 27 twin cohorts participating in the CODATwins project. *Int J Epidemiol*, 46(5), 1488-1498. doi:10.1093/ije/dyx031

Karlsson Linner, R., Marioni, R. E., Rietveld, C. A., Simpkin, A. J., Davies, N. M., Watanabe, K., . . . Benjamin, D. J. (2017). An epigenome-wide association study meta-analysis of educational attainment. *Mol Psychiatry*, 22(12), 1680-1690.
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Koncz, R., Mohan, A., Dawes, L., Thalamuthu, A., Wright, M., Ames, D., . . . Sachdev, P. (2017). Incidental findings on cerebral MRI in twins: the Older Australian Twins Study. *Brain Imaging Behav*. 26(3), 860-869. doi:10.1007/s11682-017-9747-2

Krishnan K, B. L., Stone J, Simpson J, Severi G, Evans C, MacInnis R, Giles G, Apicella C and Hopper J. (2017). Longitudinal study of mammographic density measures that predict breast cancer risk. *Cancer Epidemiology, Biomarkers & Prevention*, 26(4).
doi:10.1158/1055-9965.EPI-16-0499

Law, M. H., Medland, S. E., Zhu, G., Yazar, S., Vinuela, A., Wallace, L., . . . MacGregor, S. (2017). Genome-Wide Association Shows that Pigmentation Genes Play a Role in Skin Aging. *J Invest Dermatol*, 137(9), 1887-1894.
doi:10.1016/j.jid.2017.04.026

Li, S., Kim, E., Wong, E. M., Joo, J. E., Nguyen, T. L., Stone, J., . . . Hopper, J. L. (2017). Twin birth changes DNA methylation of subsequent siblings. *Nature: Scientific Reports*, 7(1), 8463.
doi:10.1038/s41598-017-08595-6

Magnusson, K., Scurrah, K., Ystrom, E., Orstavik, R. E., Nilsen, T., Steingrimsdottir, O. A., . . . Hagen, K. B. (2017). Genetic factors contribute more to hip than knee surgery due to osteoarthritis - a population-based twin registry study of

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- Marouli, E., Graff, M., Medina-Gomez, C., Lo, K. S., Wood, A. R., Kjaer, T. R., . . . Lettre, G. (2017). Rare and low-frequency coding variants alter human adult height. *Nature*, 542(7640), 186-190. doi:10.1038/nature21039
- McRae, K., Rhee, S. H., Gatt, J. M., Godinez, D., Williams, L. M., & Gross, J. J. (2017). Genetic and environmental influences on emotion regulation: A twin study of cognitive reappraisal and expressive suppression. *Emotion*, 17(5), 772-777. doi:10.1037/emo0000300
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- Nguyen, T. L., Aung, Y. K., Evans, C. F., Dite, G. S., Stone, J., MacInnis, R. J., . . . Hopper, J. L. (2017). Mammographic density defined by higher than conventional brightness thresholds better predicts breast cancer risk. *Int J Epidemiol*, 46(2), 652-661. doi:10.1093/ije/dyw212
- Park, S. H., Guastella, A. J., Lynskey, M., Agrawal, A., Constantino, J. N., Medland, S. E., . . . Colodro-Conde, L. (2017). Neuroticism and the Overlap Between Autistic and ADHD Traits: Findings From a Population Sample of Young Adult Australian Twins. *Twin Res Hum Genet*, 20(4), 319-329. doi:10.1017/thg.2017.38
- Peterson, R. L., Arnett, Anne B., Pennington, Bruce F., Byrne, Brian, Samuelsson, Stefan, Olson, Richard K. . (2017). Literacy acquisition influences children's rapid automatized naming. *Developmental Science*, e12589. doi:<https://doi.org/10.1111/desc.12589>
- Pua, E. P. K., Bowden, S. C., & Seal, M. L. (2017). Autism spectrum disorders: Neuroimaging findings from systematic reviews. *Research in Autism Spectrum Disorders*, 34, 28-33.
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- Silventoinen, K., Jelenkovic, A., Latvala, A., Sund, R., Yokoyama, Y., Ullemar, V., . . . Kaprio, J. (2017). Education in Twins and Their Parents Across Birth Cohorts Over 100 years: An Individual-Level Pooled Analysis of 42-Twin Cohorts. *Twin Res Hum Genet*, 20(5), 395-405. doi:10.1017/thg.2017.49
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Lynskey, M. T. (2017). Cannabis and Depression: A Twin Model Approach to Co-morbidity. *Behav Genet*, 47(4), 394-404. doi:10.1007/s10519-017-9848-0

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