

Publications List

2019



MEDIA RELEASES

Bennett, H. (2019, May 26). Support needed for multiple-birth families to improve outcomes. EurekaAlert.

Byrne, B. (2019, April 27). Your genetic make-up has little impact on your dental health, new study finds. Murdoch Children's Research Institute.

Clark, P. (2019, May 13). What can we learn from twins? [Audio] ABC.

Harper, H. (2019, June 11). Study calls on better support for multiple birth families. [Audio] ABC.

Hopper, J. (2019, May 26). Supporting families with twin babies... or more. Pursuit.

McCullagh, C. (2019, June 7). Double blessing: Giving birth to twins. [Audio] ABC.

CONFERENCE PUBLICATIONS

Larsen, S. A., Byrne, B., Little, C. W., Coventry, W. L., Ho, C. S., Olson, R. K., & Stevenson, A. (2019). Identical genes, unique environments: A qualitative exploration of persistent monozygotic-twin discordance in literacy and numeracy. Paper presented at the Frontiers in Education.

JOURNAL ARTICLES

Chauhan, G., Adams, H. H., Satizabal, C. L., Bis, J. C., Teumer, A., Sargurupremraj, M., . . . Smith, A. V. (2019). Genetic and lifestyle risk factors for MRI-defined brain infarcts in a

population-based setting. *Neurology*, 92(5), e486-e503.

Chen, M., Wong, E. M., Nguyen, T. L., Dite, G. S., Stone, J., Dugué, P.-A., . . . Li, S. (2019). DNA methylation-based biological age, genome-wide average DNA methylation, and conventional breast cancer risk factors. *Scientific Reports*, 9(1), 15055. doi:10.1038/s41598-019-51475-4

Costanzo, A., Liu, D., Nowson, C., Duesing, K., Archer, N., Bowe, S., & Keast, R. (2019). A low-fat diet upregulates expression of fatty acid taste receptor gene FFAR4 in fungiform papillae in humans: a co-twin randomised controlled trial. *British Journal of Nutrition*, 1-25.

Fairweather-Schmidt, A. K., & Wade, T. D. (2019). Common genetic architecture and environmental risk factors underpin the anxiety-disordered eating relationship: Findings from an adolescent twin cohort. *International Journal of Eating Disorders*, 1-9. doi:10.1002/eat.23155

Gabbett, M. T., Laporte, J., Sekar, R., Nandini, A., McGrath, P., Sapkota, Y., . . . Montgomery, G. W. (2019). Molecular support for heterogonesis resulting in sesquizygotic twinning. *New England Journal of Medicine*, 380(9), 842-849.

Grasby, K. L., Little, C. W., Byrne, B., Coventry, W. L., Olson, R. K., Larsen, S., & Samuelsson, S. (2019). Estimating classroom-level influences on literacy and numeracy: A twin study. *Journal of Educational Psychology*. doi:10.1037/edu0000418

Hopper, J. L. (2019). Debunking a myopic view of nature versus nurture. *Clinical and*

Experimental Optometry, 102(1), 1-2.
doi:doi:10.1111/cxo.12850

Jia, T., Chu, C., Liu, Y., van Dongen, J., Papastergios, E., Armstrong, N. J., . . . Harris, M. (2019). Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. *Molecular Psychiatry*, 1-12.

Jiang, J., Thalamuthu, A., Koch, F. C., Liu, T., Xu, Q., Trollor, J. N., . . . Sachdev, P. (2019). Cerebral Blood Flow in Community-based Older Twins Is Moderately Heritable: An Arterial Spin Labelling Perfusion Imaging Study. *Frontiers in Aging Neuroscience*, 11, 169.

Karcher, N. R., Barch, D. M., Demers, C. H., Baranger, D. A., Heath, A. C., Lynskey, M. T., & Agrawal, A. (2019). Genetic Predisposition vs Individual-Specific Processes in the Association Between Psychotic-like Experiences and Cannabis Use. *JAMA Psychiatry*, 76(1), 87-94.

Lam, J., Liu, B., Bhate, R., Fenwick, N., Reed, K., Duffy, J., & Khalil, A. (2019). Research priorities for the future health of multiples and their families: The Global Twins and Multiples Priority Setting Partnership. *Ultrasound in Obstetrics & Gynecology*, 54(6), 715.

Lam, J. R., Tyler, J., Scurrah, K. J., Reavley, N. J., & Dite, G. S. (2019). The Association between Socioeconomic Status and Psychological Distress: A Within and Between Twin Study. *Twin Research and Human Genetics*, 22(5), 312-320.
doi:10.1017/thg.2019.91

Leite, H. R., Dario, A. B., Harmer, A. R., Oliveira, V. C., Ferreira, M. L., Calais-Ferreira, L., & Ferreira, P. H. (2019). Contributions of birthweight, annualised weight gain and BMI to back pain in adults: a population-based co-twin control study of 2754 Australian twins. *European Spine Journal*, 28(2), 224-233.
doi:10.1007/s00586-018-5850-3

Li, S., Dugué, P.-A., Baglietto, L., Severi, G., Wong, E. M., Nguyen, T. L., . . . Milne, R. L. (2019). Genome-wide association study of peripheral blood DNA methylation and conventional mammographic density measures. *International Journal of Cancer*, 145(7), 1768-1773. doi:10.1002/ijc.32171

Li, S., Wong, E. M., Bui, M., Nguyen, T. L., Joo, J.-H. E., Stone, J., . . . Giles, G. G. (2019). Inference about causation between body mass index and DNA methylation in blood from a twin family study. *International Journal of Obesity*, 43(2), 243-252.

Li, S., Wong, E. M., Bui, M., Nguyen, T. L., Joo, J.-H. E., Stone, J., . . . Hopper, J. L. (2019). Inference about causation between body mass index and DNA methylation in blood from a twin family study. *International Journal of Obesity*, 43(2), 243-252.
doi:10.1038/s41366-018-0103-4

MacDonald, B., Pennington, B. F., Willcutt, E. G., Dmitrieva, J., Samuelsson, S., Byrne, B., & Olson, R. K. (2019). Cross-Country Differences in Parental Reporting of Symptoms of ADHD. *Journal of Cross-Cultural Psychology*, 50(6), 806-824. doi:10.1177/0022022119852422

McGowan, D., Little, C. W., Coventry, W. L., Corley, R., Olson, R. K., Samuelsson, S., & Byrne, B. (2019). Differential Influences of Genes and Environment Across the Distribution of Reading Ability. *Behavioural Genetics*, 49(5), 425-431. doi:10.1007/s10519-019-09966-7

Murphy, K., Lam, J., Cutler, T., Tyler, J., Calais-Ferreira, L., Li, S., . . . Scurrah, K. J. (2019). Twins Research Australia: A New Paradigm for Driving Twin Research. *Twin Research and Human Genetics*, 1-8.

Pedersen, N. L., Gatz, M., Finch, B. K., Finkel, D., Butler, D. A., Aslan, A. D., . . . McGue, M. (2019). IGEMS: The Consortium on Interplay of Genes and Environment Across Multiple Studies—An Update. *Twin Research and Human Genetics*, 1-8.

Richmond-Rakerd, L. S., Trull, T. J., Gizer, I. R., McLaughlin, K., Scheiderer, E. M., Nelson, E.

C., . . . Heath, A. C. (2019). Common genetic contributions to high-risk trauma exposure and self-injurious thoughts and behaviors. *Psychological Medicine*, 49(3), 421-430.

Satizabal, C. L., Adams, H. H., Hibar, D. P., White, C. C., Knol, M. J., Stein, J. L., . . . Roshchupkin, G. V. (2019). Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, 51(11), 1624-1636.

Silventoinen, K., Jelenkovic, A., Latvala, A., Yokoyama, Y., Sund, R., Sugawara, M., . . . Piirtola, M. (2019). Parental Education and Genetics of BMI from Infancy to Old Age: A Pooled Analysis of 29 Twin Cohorts. *Obesity*, 27(5), 855-865.

Silventoinen, K., Jelenkovic, A., Yokoyama, Y., Sund, R., Sugawara, M., Tanaka, M., . . . Maia, J. A. (2019). The CODATwins Project: The current status and recent findings of Collaborative project of Development of Anthropometrical measures in Twins. *Twin Research and Human Genetics*, 1-9.

Tedja, M. S., Haarman, A. E., Meester-Smoor, M. A., Kaprio, J., Mackey, D. A., Guggenheim, J. A., . . . Klaver, C. C. (2019). IMI–myopia genetics report. *Investigative Ophthalmology Visual Science*, 60(3), M89-M105.

Van Der Meer, D., Sønderby, I. E., Kaufmann, T., Walters, G. B., Abdellaoui, A., Ames, D., . . . Bernard, M. (2019). Association of copy number variation of the 15q11. 2 BP1-BP2 region with cortical and subcortical morphology and cognition. *JAMA Psychiatry*, 1-11.

Zebaze, R., Osima, M., Bui, M., Lukic, M., Wang, X., Ghasem-Zadeh, A., . . . Bjørnerem, Å. (2019). Adding Marrow Adiposity and Cortical Porosity to Femoral Neck Areal Bone Mineral Density Improves the Discrimination of Women With Nonvertebral Fractures From Controls. *Journal of Bone and Mineral Research*, 34(8), 1451-1460.
doi:10.1002/jbmr.3721