



Twin Health Newsletter Juli 2019

1. Arteaga-Vazquez, J., Luna-Munoz, L., Morales-Suarez, J. J., & Mutchinick, O. M. (2019). OEIS complex: Prevalence, clinical, and epidemiologic findings in a multicenter Mexican birth defects surveillance program. *Birth Defects Research*, 111(11), 666–671. <https://doi.org/10.1002/bdr2.1512>
2. Baker, J. H., Higgins Neyland, M. K., Thornton, L. M., Runfola, C. D., Larsson, H., Lichtenstein, P., & Bulik, C. (2019). Body dissatisfaction in adolescent boys. *Developmental Psychology*, 55(7), 1566–1578. <https://doi.org/10.1037/dev0000724>
3. Batsry, L., Zloto, K., Kalter, A., Baum, M., Mazaki-Tovi, S., & Yinon, Y. (2019). Perinatal outcomes of intrahepatic cholestasis of pregnancy in twin versus singleton pregnancies: is plurality associated with adverse outcomes? *Archives of Gynecology and Obstetrics*. <https://doi.org/10.1007/s00404-019-05247-0>
4. Benko, Z., Chaveeva, P., de Paco Matallana, C., Zingler, E., Wright, D., & Nicolaides, K. H. (2019). Revised competing-risks model in screening for pre-eclampsia in twin pregnancy by maternal characteristics and medical history. *Ultrasound in Obstetrics & Gynecology: The Official Journal of the International Society of Ultrasound in Obstetrics and Gynecology*. <https://doi.org/10.1002/uog.20411>
5. Bharadwaj, P., Bietenbeck, J., Lundborg, P., & Rooth, D.-O. (2019). Birth weight and vulnerability to a macroeconomic crisis. *Journal of Health Economics*, 66, 136–144. <https://doi.org/10.1016/j.jhealeco.2019.05.001>
6. Bjerregaard-Andersen, M., Gomes, G. M., Hennild, D. E., Jensen, D. M., Christensen, K., Sodemann, M., ... Aaby, P. (2019). The Guinea-Bissau Twin Registry Update: A Platform for Studying Twin Mortality and Metabolic Disease. *Twin Research and Human Genetics*, 1–7. <https://doi.org/10.1017/thg.2019.39>
7. Boer, L. L., Schepens-Franke, A. N., & Oostra, R. J. (2019). Two is a Crowd: Two is a Crowd: On the Enigmatic Etiopathogenesis of Conjoined Twinning. *Clinical Anatomy (New York, N.Y.)*, 32(5), 722–741. <https://doi.org/10.1002/ca.23387>
8. Boghossian, N. S., Saha, S., Bell, E. F., Brumbaugh, J. E., Shankaran, S., Carlo, W. A., & Das, A. (2019). Birth weight discordance in very low birth weight twins: mortality, morbidity, and neurodevelopment. *Journal of Perinatology: Official Journal of the California Perinatal Association*. <https://doi.org/10.1038/s41372-019-0427-5>
9. Briana, D. D., & Malamitsi-Puchner, A. (2019). Twins and neurodevelopmental outcomes: the effect of IVF, fetal growth restriction, and preterm birth. *The Journal of Maternal-Fetal & Neonatal Medicine*, 32(13), 2256–2261. <https://doi.org/10.1080/14767058.2018.1425834>



10. Burt, S. A., Clark, D. A., Pearson, A. L., Klump, K. L., & Neiderhiser, J. M. (2019). Do neighborhood social processes moderate the etiology of youth conduct problems? *Psychological Medicine*, 1–11. <https://doi.org/10.1017/S0033291719001521>
11. Cajozzo, M., Berenguer, B., Lorca-Garcia, C., Darriba Alles, J. V., Garcia Leal, R., & de Tomas, E. (2019). Management of congenital midline nasofrontal dermoid cysts in two identical twins: Case report. *Pediatric Dermatology*. <https://doi.org/10.1111/pde.13940>
12. Caussy, C., Bhargava, M., Villesen, I. F., Gudmann, N. S., Leeming, D. J., Karsdal, M. A., ... Loomba, R. (2019). Collagen Formation Assessed by N-Terminal Propeptide of Type 3 Procollagen Is a Heritable Trait and Is Associated With Liver Fibrosis Assessed by Magnetic Resonance Elastography. *Hepatology (Baltimore, Md.)*, 70(1), 127–141. <https://doi.org/10.1002/hep.30610>
13. Chellai, F., & Boudrissa, N. (2019). Excess Infant Mortality of Twins Over Singletons in Arab Countries: The Evidence of Relative Survival Methods. *Twin Research and Human Genetics : The Official Journal of the International Society for Twin Studies*, 1–10. <https://doi.org/10.1017/thq.2019.30>
14. Chen, H.-Y., & Chauhan, S. P. (2019). Risk of Neonatal and Infant Mortality in Twins and Singletons by Gestational Age. *American Journal of Perinatology*, 36(8), 798–805. <https://doi.org/10.1055/s-0038-1675218>
15. Choo, S., Wiseman, D., MacMillan, J. B., & Gratton, R. (2019). Myometrial Defect in a Subsequent Pregnancy After Uterine Artery Embolization for Postpartum Hemorrhage, in the Absence of Leiomyomas or Previous Uterine Surgery. *Journal of Obstetrics and Gynaecology Canada : JOGC = Journal d'obstetrique et Gynecologie Du Canada : JOGC*. <https://doi.org/10.1016/j.jogc.2019.04.013>
16. Cohen, J. L., Duffy, K. A., Sajorda, B. J., Hathaway, E. R., Gonzalez-Gandolfi, C. X., Richards-Yutz, J., ... Kalish, J. M. (2019). Diagnosis and management of the phenotypic spectrum of twins with Beckwith-Wiedemann syndrome. *American Journal of Medical Genetics. Part A*, 179(7), 1139–1147. <https://doi.org/10.1002/ajmg.a.61164>
17. Congiu, M., Reali, A., Deidda, F., Dessi, A., Bardanzellu, F., & Fanos, V. (2019). Breast Milk for Preterm Multiples: More Proteins, Less Lactose. *Twin Research and Human Genetics : The Official Journal of the International Society for Twin Studies*, 1–7. <https://doi.org/10.1017/thq.2019.42>
18. Cooper, J. P., Farah, R. J., Stevenson, P. A., Gooley, T. A., Storb, R., & Scott, B. L. (2019). Hematopoietic Cell Transplantation for Paroxysmal Nocturnal Hemoglobinuria in the Age of Eculizumab. *Biology of Blood and Marrow Transplantation*, 25(7), 1331–1339. <https://doi.org/10.1016/j.bbmt.2019.01.033>



19. Culloty, A. M., O'Toole, C., & Gibbon, F. E. (2019). Longitudinal Study of Expressive Language and Speech of Twins at 3 and 5 Years: Outgrowing a Twinning Effect. *Journal of Speech, Language, and Hearing Research : JSLHR*, 62(7), 2425–2437. https://doi.org/10.1044/2019_JSLHR-L-18-0333
20. Davis, C. N., Slutske, W. S., Martin, N. G., Agrawal, A., & Lynskey, M. T. (2019). Genetic and environmental influences on gambling disorder liability: a replication and combined analysis of two twin studies. *Psychological Medicine*, 49(10), 1705–1712. <https://doi.org/10.1017/S0033291718002325>
21. Davis, D. W., Turkheimer, E., Finkel, D., Beam, C., & Ryan, L. (2019). The Louisville Twin Study: Past, Present and Future. *Twin Research and Human Genetics : The Official Journal of the International Society for Twin Studies*, 1–6. <https://doi.org/10.1017/thg.2019.37>
22. Dijk, S., & Lok, P. (2019). Separating conjoined twins: five minutes with . . . David Dunaway. *BMJ (Clinical Research Ed.)*, 366, l4790. <https://doi.org/10.1136/bmj.l4790>
23. DiLalla, L. F., & Jamnik, M. R. (2019). The Southern Illinois Twins/Triplets and Siblings Study (SITSS): A Longitudinal Study of Early Child Development. *Twin Research and Human Genetics : The Official Journal of the International Society for Twin Studies*, 1–4. <https://doi.org/10.1017/thg.2019.48>
24. Fullerton, A. F., Jackson, N. J., Tuvblad, C., Raine, A., & Baker, L. A. (2019). Early childhood head injury attenuates declines in impulsivity and aggression across adolescent development in twins. *Neuropsychology*. <https://doi.org/10.1037/neu0000570>
25. Gao, W., Cao, W., Lv, J., Yu, C., Wu, T., Wang, S., ... Li, L. (2019). The Chinese National Twin Registry: a “gold mine” for scientific research. *Journal of Internal Medicine*. <https://doi.org/10.1111/joim.12926>
26. Gatz, M., Plassman, B. L., Tanner, C. M., Goldman, S. M., Swan, G. E., Chanti-Ketterl, M., ... Butler, D. A. (2019). The NAS-NRC Twin Registry and Duke Twins Study of Memory in Aging: An Update. *Twin Research and Human Genetics*, 1–4. <https://doi.org/10.1017/thg.2019.45>
27. Ghirardi, L., Pettersson, E., Taylor, M. J., Freitag, C. M., Franke, B., Asherson, P., ... Kuja-Halkola, R. (2019). Genetic and environmental contribution to the overlap between ADHD and ASD trait dimensions in young adults: a twin study. *Psychological Medicine*, 49(10), 1713–1721. <https://doi.org/10.1017/S003329171800243X>

-
28. Gillespie, N. A., Bates, T. C., Hickie, I. B., Medland, S. E., Verhulst, B., Kirkpatrick, R. M., ... Benotsch, E. G. (2019). Genetic and environmental risk factors in the non-medical use of over-the-counter or prescribed analgesics, and their relationship to major classes of licit and illicit substance use and misuse in a population-based sample of young adult twins. *Addiction (Abingdon, England)*.
<https://doi.org/10.1111/add.14750>
29. Gironi, L. C., Colombo, E., Brusco, A., Grosso, E., Naretto, V. G., Guala, A., ... Savoia, P. (2019, July). Congenital Sensorineural Hearing Loss and Inborn Pigmentary Disorders: First Report of Multilocus Syndrome in Piebaldism. *Medicina (Kaunas, Lithuania)*. Switzerland.
<https://doi.org/10.3390/medicina55070345>
30. Grabowicz, W., Masiarek, K., Warchol, I., Gornik, T., & Lubinski, A. (2019). Deja vu: coronary artery disease in monozygotic twins. *Kardiologia Polska*.
<https://doi.org/10.33963/KP.14910>
31. Groene, S. G., Todtenhaupt, P., van Zwet, E. W., van Pel, M., Berkhout, R. J. M., Haak, M. C., ... Heijmans, B. T. (2019). TwinLIFE: The Twin Longitudinal Investigation of FETal Discordance. *Twin Research and Human Genetics : The Official Journal of the International Society for Twin Studies*, 1–6.
<https://doi.org/10.1017/thg.2019.38>
32. Gustavson, D. E., Franz, C. E., Panizzon, M. S., Lyons, M. J., & Kremen, W. S. (2019). Internalizing and externalizing psychopathology in middle age: genetic and environmental architecture and stability of symptoms over 15 to 20 years. *Psychological Medicine*, 1–9. <https://doi.org/10.1017/S0033291719001533>
33. Ha, S., Yeung, E., Bell, E., Insaf, T., Ghassabian, A., Bell, G., ... Mendola, P. (2019). Prenatal and early life exposures to ambient air pollution and development. *Environmental Research*, 174, 170–175.
<https://doi.org/10.1016/j.envres.2019.03.064>
34. Hall, J. G. (2019). Fetal cervical hyperextension in arthrogyriposis. *American Journal of Medical Genetics. Part C, Seminars in Medical Genetics*.
<https://doi.org/10.1002/ajmg.c.31727>
35. Han, M. N., O'Donnell, B. E., Maykin, M. M., Gonzalez, J. M., Tabsh, K., & Gaw, S. L. (2019). The impact of cerclage in twin pregnancies on preterm birth rate before 32 weeks. *The Journal of Maternal-Fetal & Neonatal Medicine*, 32(13), 2143–2151. <https://doi.org/10.1080/14767058.2018.1427719>
36. Harvey, D. J., Vaca, E. E., Totonchi, A., & Gosain, A. K. (2019). Eleven-Year Follow-Up of Craniopagus Twins After Unsuccessful Attempt at Separation: Are They Better Off? *The Cleft Palate-Craniofacial Journal*, 56(6), 817–822.
<https://doi.org/10.1177/1055665618811534>



37. He, H., Jing, S., Lu, C. F., Tan, Y. Q., Luo, K. L., Zhang, S. P., ... Lin, G. (2019). Neonatal outcomes of live births after blastocyst biopsy in preimplantation genetic testing cycles: a follow-up of 1,721 children. *Fertility and Sterility*, 112(1), 82–88. <https://doi.org/10.1016/j.fertnstert.2019.03.006>
38. Hoffman, L., & Oppenheim, L. (2019). Three Identical Strangers and The Twinning Reaction-Clarifying History and Lessons for Today From Peter Neubauer's Twins Study. *JAMA*, 322(1), 10–12. <https://doi.org/10.1001/jama.2019.8152>
39. Homola, W., Florjanski, J., Krolak-Olejnik, B., Fuchs, T., Lachowska, M., & Bek, W. (2019). The impact of chorionicity and the type of twin growth on the early neonatal outcome in twin pregnancies - 20 years of experience from one tertiary perinatal center. *Taiwanese Journal of Obstetrics & Gynecology*, 58(4), 482–486. <https://doi.org/10.1016/j.tjog.2019.05.009>
40. Hufer, A., Kornadt, A. E., Kandler, C., & Riemann, R. (2019). Genetic and environmental variation in political orientation in adolescence and early adulthood: A Nuclear Twin Family analysis. *Journal of Personality and Social Psychology*. <https://doi.org/10.1037/pspp0000258>
41. Hysi, P. G., Valdes, A. M., Liu, F., Furlotte, N. A., Evans, D. M., Bataille, V., ... Spector, T. D. (2019, July). Publisher Correction: Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. *Nature Genetics*. United States. <https://doi.org/10.1038/s41588-019-0446-3>
42. Isaksson, J., Van't Westeinde, A., Cauvet, E., Kuja-Halkola, R., Lundin, K., Neufeld, J., ... Bolte, S. (2019). Social Cognition in Autism and Other Neurodevelopmental Disorders: A Co-twin Control Study. *Journal of Autism and Developmental Disorders*, 49(7), 2838–2848. <https://doi.org/10.1007/s10803-019-04001-4>
43. Islam, M. M., & Marium, U. (2019). Twin births in Jordan: incidence, trends, risk factors and implications for under-five mortality: evidence from the 2012 Jordan Population and Family Health Survey. *Journal of Biosocial Science*, 1–18. <https://doi.org/10.1017/S0021932019000154>
44. Jain, V. (2019). Choosing Wisely: Bedrest-A Panacea for All That Ails the Gravida? *Journal of Obstetrics and Gynaecology Canada*, 41(7), 971–973. <https://doi.org/10.1016/j.jogc.2019.03.004>
45. Jaspal, R., Prior, T., Denton, J., Salim, R., Banerjee, J., & Lees, C. (2019). The impact of cross-border IVF on maternal and neonatal outcomes in multiple pregnancies: Experience from a UK fetal medicine service. *European Journal of Obstetrics, Gynecology, and Reproductive Biology*, 238, 63–67. <https://doi.org/10.1016/j.ejogrb.2019.04.030>



46. Jiang, J., Thalamuthu, A., Koch, F. C., Liu, T., Xu, Q., Trollor, J. N., ... Wen, W. (2019). Cerebral Blood Flow in Community-Based Older Twins Is Moderately Heritable: An Arterial Spin Labeling Perfusion Imaging Study. *Frontiers in Aging Neuroscience*, 11, 169. <https://doi.org/10.3389/fnagi.2019.00169>
47. Johansson, V., Erhardt, S., Engberg, G., Kegel, M., Bhat, M., Schwieler, L., ... Landen, M. (2019). Twin study shows association between monocyte chemoattractant protein-1 and kynurenic acid in cerebrospinal fluid. *European Archives of Psychiatry and Clinical Neuroscience*. <https://doi.org/10.1007/s00406-019-01042-9>
48. Kaartinen, S., Aaltonen, S., Korhonen, T., Latvala, A., Mikkelsen, M., Kujala, U. M., & Kaprio, J. (2019). Is diversity of leisure-time sport activities associated with low back and neck-shoulder region pain? A Finnish twin cohort study. *Preventive Medicine Reports*, 15, 100933. <https://doi.org/10.1016/j.pmedr.2019.100933>
49. Kim, L. H., Caughey, A. B., Yee, L. M., & Cheng, Y. W. (2019). Association between the Degree of Twin Birthweight Discordance and Perinatal Outcomes. *American Journal of Perinatology*, 36(9), 969–974. <https://doi.org/10.1055/s-0038-1675769>
50. Kollmann, S., Grundschober, E., Maurer, B., Warsch, W., Grausenburger, R., Edlinger, L., ... Sexl, V. (2019). Twins with different personalities: STAT5B-but not STAT5A-has a key role in BCR/ABL-induced leukemia. *Leukemia*, 33(7), 1583–1597. <https://doi.org/10.1038/s41375-018-0369-5>
51. Le Roy, C. I., Bowyer, R. C. E., Castillo-Fernandez, J. E., Pallister, T., Menni, C., Steves, C. J., ... Bell, J. T. (2019). Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. *Scientific Reports*, 9(1), 9758. <https://doi.org/10.1038/s41598-019-46193-w>
52. Leipner, A., Obertova, Z., Wermuth, M., Thali, M., Ottiker, T., & Sieberth, T. (2019). 3D mug shot-3D head models from photogrammetry for forensic identification. *Forensic Science International*, 300, 6–12. <https://doi.org/10.1016/j.forsciint.2019.04.015>
53. Li, Z., Wang, Y., Yan, C., Cheung, E. F. C., Docherty, A. R., Sham, P. C., ... Chan, R. C. K. (2019). Inheritance of Neural Substrates for Motivation and Pleasure. *Psychological Science*, 956797619859340. <https://doi.org/10.1177/0956797619859340>
54. Liang, S., Li, Z., Wang, Y., Li, X., Yang, X., Zhan, X., ... Wu, L. (2019). Genome-Wide DNA Methylation Analysis Reveals Epigenetic Pattern of SH2B1 in Chinese Monozygotic Twins Discordant for Autism Spectrum Disorder. *Frontiers in Neuroscience*, 13, 712. <https://doi.org/10.3389/fnins.2019.00712>

-
55. Lima-Ojeda, J. M., & Castren, E. (2019). Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor: “Siamese Twins” in Antidepressant Action. *Biological Psychiatry*, 86(2), 81–83. <https://doi.org/10.1016/j.biopsych.2019.05.003>
56. Lin, D., Fan, D., Wu, S., Chen, G., Li, P., Ma, H., ... Liu, Z. (2019). The effect of gestational weight gain on perinatal outcomes among Chinese twin gestations based on Institute of Medicine guidelines. *BMC Pregnancy and Childbirth*, 19(1), 262. <https://doi.org/10.1186/s12884-019-2411-7>
57. Liu, Y., Tang, P. Z., Gong, M. Y., McCabe, R. J., Wang, J., & Tome, C. N. (2019). Three-dimensional character of the deformation twin in magnesium. *Nature Communications*, 10(1), 3308. <https://doi.org/10.1038/s41467-019-10573-7>
58. Mandal, B., Islam, N., Mukherjee, S., & Chatterjee, U. (2019). Thoracopagus: Autoptic and radiologic study of 2 cases. *Indian Journal of Pathology & Microbiology*, 62(3), 430–432. https://doi.org/10.4103/IJPM.IJPM_716_18
59. Medda, E., Vigone, M. C., Cassio, A., Calaciura, F., Costa, P., Weber, G., ... Olivieri, A. (2019). Neonatal Screening for Congenital Hypothyroidism: What can we learn from Discordant twins? *The Journal of Clinical Endocrinology and Metabolism*. <https://doi.org/10.1210/je.2019-00900>
60. Melcer, Y., Pekar-Zlotin, M., Wolf, B., Betser, M., Dvash, S., Zilberman Sharon, N., & Maymon, R. (2019). Is scanning for vasa previa important for singleton pregnancies that started as multiple conceptions? *European Journal of Obstetrics, Gynecology, and Reproductive Biology*, 238, 100–103. <https://doi.org/10.1016/j.ejogrb.2019.05.018>
61. Meluken, I., Ottesen, N., Harmer, C., Macoveanu, J., Siebner, H., Kessing, L., ... Miskowiak, K. (2019). Neural response to emotional faces in monozygotic twins: association with familial risk of affective disorders. *Journal of Psychiatry & Neuroscience : JPN*, 44(4), 277–286. <https://doi.org/10.1503/jpn.170246>
62. Mitchell, B. L., Zhu, G., Medland, S. E., Renteria, M. E., Eyles, D. W., Grasby, K. L., ... Martin, N. G. (2019). Half the Genetic Variance in Vitamin D Concentration is Shared with Skin Colour and Sun Exposure Genes. *Behavior Genetics*, 49(4), 386–398. <https://doi.org/10.1007/s10519-019-09954-x>
63. Mohandas, N., Loke, Y. J., Mackenzie, L., Bennett, C., Berkovic, S. F., Craig, J. M., & Vadlamudi, L. (2019). Deciphering the role of epigenetics in self-limited epilepsy with centrotemporal spikes. *Epilepsy Research*, 156, 106163. <https://doi.org/10.1016/j.eplepsyres.2019.106163>
64. Moolman, K., Price, V., & McLaughlin, R. (2019, July). Identical twins with microcytosis. *Paediatrics & Child Health*. Canada. <https://doi.org/10.1093/pch/pxx201>



65. Morfoisse, F., & Noel, A. (2019). Lymphatic and blood systems: Identical or fraternal twins? *The International Journal of Biochemistry & Cell Biology*, 114, 105562. <https://doi.org/10.1016/j.biocel.2019.105562>
66. Morneau-Vaillancourt, G., Dionne, G., Brendgen, M., Vitaro, F., Feng, B., Henry, J., ... Boivin, M. (2019). The Genetic and Environmental Etiology of Shyness Through Childhood. *Behavior Genetics*, 49(4), 376–385. <https://doi.org/10.1007/s10519-019-09955-w>
67. Ohara, Y., Okada, Y., Yamada, T., Sugawara, K., Kanatani, M., Fukuoka, H., ... Ogawa, W. (2019, July). Phenotypic differences and similarities of monozygotic twins with maturity-onset diabetes of the young type 5. *Journal of Diabetes Investigation*. Japan. <https://doi.org/10.1111/jdi.13004>
68. Otta, E., de Souza Fernandes, E., Bueno, J. A., Dos Santos, K. L., Segal, N. L., Lucci, T. K., ... Ribeiro, F. J. L. (2019). The University of Sao Paulo Twin Panel: Current Status and Prospects for Brazilian Twin Studies in Behavioral Research. *Twin Research and Human Genetics: The Official Journal of the International Society for Twin Studies*, 1–8. <https://doi.org/10.1017/thg.2019.34>
69. Paasch, C., Isbruch, A., Strik, M. W., & Siegel, R. (2019). Malignant intestinal obstruction during twin pregnancy: surgical resection of a myxoid liposarcoma without induction of labour. *BMJ Case Reports*, 12(7). <https://doi.org/10.1136/bcr-2019-229742>
70. Peretz, H., Tal, A., Garmi, G., Zafran, N., Romano, S., & Salim, R. (2019). Impact of epidural on labor duration and vacuum deliveries in twin gestations. *Midwifery*, 74, 134–139. <https://doi.org/10.1016/j.midw.2019.03.025>
71. Perez-Garcia, V. M., Ayala-Hernandez, L. E., Belmonte-Beitia, J., Schucht, P., Murek, M., Raabe, A., & Sepulveda, J. (2019). Computational design of improved standardized chemotherapy protocols for grade II oligodendrogliomas. *PLoS Computational Biology*, 15(7), e1006778. <https://doi.org/10.1371/journal.pcbi.1006778>
72. Ponder, K. L., Won, R., & Clymer, L. (2019). Uterine Rupture on MRI Presenting as Nonspecific Abdominal Pain in a Primigravid Patient with 28-Week Twins Resulting in Normal Neurodevelopmental Outcomes at Age Two. *Case Reports in Obstetrics and Gynecology*. United States. <https://doi.org/10.1155/2019/2890104>
73. Pravata, V. M., Muha, V., Gundogdu, M., Ferenbach, A. T., Kakade, P. S., Vandadi, V., ... van Aalten, D. M. F. (2019). Catalytic deficiency of O-GlcNAc transferase leads to X-linked intellectual disability. *Proceedings of the National Academy of Sciences of the United States of America*, 116(30), 14961–14970. <https://doi.org/10.1073/pnas.1900065116>

74. Quintero, R., Kontopoulos, E., Williams, M. E., Sloop, J., Vanderbilt, D., & Chmait, R. H. (2019). Neurodevelopmental outcome of monozygotic twins with selective intrauterine growth restriction (SIUGR) type II: laser versus expectant management. *The Journal of Maternal-Fetal & Neonatal Medicine* 1–9. <https://doi.org/10.1080/14767058.2019.1638902>
75. Ranjit, A., Korhonen, T., Buchwald, J., Heikkilä, K., Tuulio-Henriksson, A., Rose, R. J., ... Latvala, A. (2019). Testing the reciprocal association between smoking and depressive symptoms from adolescence to adulthood: A longitudinal twin study. *Drug and Alcohol Dependence*, 200, 64–70. <https://doi.org/10.1016/j.drugalcdep.2019.03.012>
76. Razavi, A. S., Chasen, S. T., Coombs, S., & Kalish, R. B. (2019). Diagnostic accuracy of isolated clubfoot in twin compared to singleton gestations. *Journal of Perinatal Medicine*, 47(5), 564–567. <https://doi.org/10.1515/jpm-2018-0231>
77. Sahebkhani, N., Saraswat, M., Joenvaara, S., Jokinen, R., Lovric, A., Kaye, S., ... Pietiläinen, K. H. (2019). Plasma Proteomics Analysis Reveals Dysregulation of Complement Proteins and Inflammation in Acquired Obesity—A Study on Rare BMI-Discordant Monozygotic Twin Pairs. *Proteomics. Clinical Applications*, 13(4), e1800173. <https://doi.org/10.1002/prca.201800173>
78. Schneider, M. N., Zavos, H. M. S., McAdams, T. A., Kovas, Y., Sadeghi, S., & Gregory, A. M. (2019). Mindfulness and associations with symptoms of insomnia, anxiety and depression in early adulthood: A twin and sibling study. *Behaviour Research and Therapy*, 118, 18–29. <https://doi.org/10.1016/j.brat.2018.11.002>
79. Segal, N. L. (2019). Co-Twin Control Studies: Natural Events, Experimental Interventions and Rare Happenings. *Twin Research and Human Genetics* 1–5. <https://doi.org/10.1017/thg.2019.29>
80. Segal, N. L., & Niculae, F. J. (2019). Fullerton Virtual Twin Project: Overview and 2019 Update. *Twin Research and Human Genetics: The Official Journal of the International Society for Twin Studies*, 1–4. <https://doi.org/10.1017/thg.2019.40>
81. Selzam, S., Ritchie, S. J., Pingault, J.-B., Reynolds, C. A., O'Reilly, P. F., & Plomin, R. (2019). Comparing Within- and Between-Family Polygenic Score Prediction. *American Journal of Human Genetics*, 105(2), 351–363. <https://doi.org/10.1016/j.ajhg.2019.06.006>
82. Signa, S., Campione, E., Rusmini, M., Chiesa, S., Grossi, A., Omenetti, A., ... Gattorno, M. (2019). Whole exome sequencing approach to childhood onset familial erythrodermic psoriasis unravels a novel mutation of CARD14 requiring unusual high doses of ustekinumab. *Pediatric Rheumatology Online Journal*, 17(1), 38. <https://doi.org/10.1186/s12969-019-0336-3>

83. Silventoinen, K., Jelenkovic, A., Yokoyama, Y., Sund, R., Sugawara, M., Tanaka, M., ... Kaprio, J. (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. <https://doi.org/10.1017/thg.2019.35>
84. Silventoinen, K., Su, J., Pulkkinen, L., Barr, P., Rose, R. J., Dick, D. M., & Kaprio, J. (2019). Genetics of Perceived Family Interaction From 12 to 17 Years of Age. *Behavior Genetics*, 49(4), 366–375. <https://doi.org/10.1007/s10519-019-09960-z>
85. Tarkka, I. M., Hautasaari, P., Pesonen, H., Niskanen, E., Rottensteiner, M., Kaprio, J., ... Kujala, U. M. (2019). Long-Term Physical Activity May Modify Brain Structure and Function: Studies in Young Healthy Twins. *Journal of Physical Activity & Health*, 1–7. <https://doi.org/10.1123/jpah.2018-0416>
86. Tollenaar, L. S. A., Slaghekke, F., van Klink, J. M. M., Groene, S. G., Middeldorp, J. M., Haak, M. C., ... Lopriore, E. (2019). Twin-Twin Transfusion Syndrome with Anemia-Polycythemia: Prevalence, Characteristics, and Outcome. *Journal of Clinical Medicine*, 8(8). <https://doi.org/10.3390/jcm8081129>
87. Townsend, R., Duffy, J. M. N., Sileo, F., Perry, H., Ganzevoort, W., Reed, K., ... Khalil, A. (2019). A core outcome set for studies investigating the management of selective fetal growth restriction in twins. *Ultrasound in Obstetrics & Gynecology*. <https://doi.org/10.1002/uog.20388>
88. Trotta, A., Arseneault, L., Caspi, A., Moffitt, T. E., Danese, A., Pariante, C., & Fisher, H. L. (2019). Mental Health and Functional Outcomes in Young Adulthood of Children With Psychotic Symptoms: A Longitudinal Cohort Study. *Schizophrenia Bulletin*. <https://doi.org/10.1093/schbul/sbz069>
89. Tuvblad, C., Wang, P., Patrick, C. J., Berntsen, L., Raine, A., & Baker, L. A. (2019). Genetic and environmental influences on disinhibition, boldness, and meanness as assessed by the triarchic psychopathy measure in 19-20-year-old twins. *Psychological Medicine*, 49(9), 1500–1509. <https://doi.org/10.1017/S0033291718002052>
90. Vadgama, N., Pittman, A., Simpson, M., Nirmalanathan, N., Murray, R., Yoshikawa, T., ... Nasir, J. (2019). De novo single-nucleotide and copy number variation in discordant monozygotic twins reveals disease-related genes. *European Journal of Human Genetics : EJHG*, 27(7), 1121–1133. <https://doi.org/10.1038/s41431-019-0376-7>
91. Villela, D., Che, H., Van Ghelue, M., Dehaspe, L., Brison, N., Van Den Bogaert, K., ... Vermeesch, J. R. (2019). Fetal sex determination in twin pregnancies using non-invasive prenatal testing. *NPJ Genomic Medicine*, 4, 15. <https://doi.org/10.1038/s41525-019-0089-4>

-
92. Virtanen, S., Kuja-Halkola, R., Mataix-Cols, D., Jayaram-Lindstrom, N., D'Onofrio, B. M., Larsson, H., ... Latvala, A. (2019). Comorbidity of substance misuse with anxiety-related and depressive disorders: a genetically informative population study of 3 million individuals in Sweden. *Psychological Medicine*, 1–10. <https://doi.org/10.1017/S0033291719001788>
93. Visser, G. L., Tollenaar, L. S. A., Bekker, V., Te Pas, A. B., Lankester, A. C., Oepkes, D., ... Verbeek, L. (2019). Leukocyte Counts and Other Hematological Values in Twin-Twin Transfusion Syndrome and Twin Anemia-Polycythemia Sequence. *Fetal Diagnosis and Therapy*, 1–6. <https://doi.org/10.1159/000500859>
94. Vo, P. T., Racine, S. E., Burt, S. A., & Klump, K. L. (2019). Convergence in maternal and child reports of impulsivity, depressive symptoms, and trait anxiety, and their predictive utility for binge-eating behaviors. *The International Journal of Eating Disorders*. <https://doi.org/10.1002/eat.23139>
95. Wang, D., Ren, Z., He, B., Zhou, Q., Hu, L., & Jiang, G. (2019, July). A case report of conjoined twins in medaka fish. *Molecular Reproduction and Development*. United States. <https://doi.org/10.1002/mrd.23232>
96. Weise, C. M., Bachmann, T., & Pleger, B. (2019). Brain structural differences in monozygotic twins discordant for body mass index. *NeuroImage*, 201, 116006. <https://doi.org/10.1016/j.neuroimage.2019.07.019>
97. Wium-Andersen, M. K., Wium-Andersen, I. K., Jorgensen, M. B., McGue, M., Jorgensen, T. S. H., Christensen, K., & Osler, M. (2019). The association between depressive mood and ischemic heart disease: a twin study. *Acta Psychiatrica Scandinavica*. <https://doi.org/10.1111/acps.13072>
98. Xiao, C., Pan, C., Liu, E., He, H., Liu, C., Huang, Y., ... Huang, D. (2019). Differences of microRNA expression profiles between monozygotic twins' blood samples. *Forensic Science International. Genetics*, 41, 152–158. <https://doi.org/10.1016/j.fsigen.2019.05.003>
99. Yordanova, I., Pavlova, Z., Kirov, A., Todorov, T., Alexiev, A., Sarafov, S., ... Todorova, A. (2019). Monoallelic expression of the TTR gene as a contributor to the age at onset and penetrance of TTR-related amyloidosis. *Gene*, 705, 16–21. <https://doi.org/10.1016/j.gene.2019.04.030>
100. Zhao, L., Zheng, X., Liu, J., Zheng, R., Yang, R., Wang, Y., & Sun, L. (2019). PPAR signaling pathway in the first trimester placenta from in vitro fertilization and embryo transfer. *Biomedicine & Pharmacotherapy = Biomedecine & Pharmacotherapie*, 118, 109251. <https://doi.org/10.1016/j.biopha.2019.109251>
101. Zheng, D., Chen, J., Wang, X., & Zhou, Y. (2019). Genetic contribution to the phenotypic correlation between trait impulsivity and resting-state functional connectivity of the amygdala and its subregions. *NeuroImage*, 201, 115997. <https://doi.org/10.1016/j.neuroimage.2019.07.010>



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102. Zheng, Y., & Asbury, K. (2019). Genetic and Environmental Influences on Adolescent Emotional Inertia in Daily Life. *Journal of Youth and Adolescence*.
<https://doi.org/10.1007/s10964-019-01075-2>
103. Zyla, J., Kabacik, S., O'Brien, G., Wakil, S., Al-Harbi, N., Kaprio, J., ... Alsbeih, G. (2019). Combining CDKN1A gene expression and genome-wide SNPs in a twin cohort to gain insight into the heritability of individual radiosensitivity. *Functional & Integrative Genomics*, 19(4), 575–585.
<https://doi.org/10.1007/s10142-019-00658-3>