



Twin Research Publications September 2018

1. Abu-Arja RF, Dargart JL, Bajwa RPS, Kahwash SB, Auletta JJ, Rangarajan HG. **Monozygotic twins diagnosed simultaneously with RAM immunophenotype acute myeloid leukemia.** *Pediatr Transplant.* 2018 Sep 15:e13291. doi: 10.1111/petr.13291. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30220110>
2. Agnew-Blais JC, Polanczyk GV, Danese A, Wertz J, Moffitt TE, Arseneault L. **Young adult mental health and functional outcomes among individuals with remitted, persistent and late-onset ADHD.** *Br J Psychiatry.* 2018 Sep;213(3):526-534. doi: 10.1192/bjp.2018.97. Epub 2018 Jun 29. <https://www.ncbi.nlm.nih.gov/pubmed/29957167>
3. Altorjay ÁT, Nyári T, Gyurkovits Z, Németh G, Surányi A. **Evaluation of placental vascularization indices in monochorionic diamniotic and dichorionic diamniotic twin pregnancies.** *Eur J Obstet Gynecol Reprod Biol.* 2018 Sep;228:225-231. doi: 10.1016/j.ejogrb.2018.05.040. Epub 2018 Jun 1. <https://www.ncbi.nlm.nih.gov/pubmed/30014928>
4. Amiez C, Wilson CRE, Procyk E. **Variations of cingulate sulcal organization and link with cognitive performance.** *Sci Rep.* 2018 Sep 18;8(1):13988. doi: 10.1038/s41598-018-32088-9. <https://www.ncbi.nlm.nih.gov/pubmed/30228357>
5. Amin V, Dunn P, Spector T. **Does education attenuate the genetic risk of obesity? Evidence from U.K. Twins.** *Econ Hum Biol.* 2018 Sep 13;31:200-208. doi: 10.1016/j.ehb.2018.08.011. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30268046>
6. Antero J, Saulière G, Marck A, Toussaint JF. **A Medal in the Olympics Runs in the Family: A Cohort Study of Performance Heritability in the Games History.** *Front Physiol.* 2018 Sep 18;9:1313. doi: 10.3389/fphys.2018.01313. eCollection 2018. <https://www.ncbi.nlm.nih.gov/pubmed/30283357>
7. Baker JH, Brosos LC, Munn-Chernoff MA, Lichtenstein P, Larsson H, Maes HH, Kendler KS. **Associations Between Alcohol Involvement and Drive for Thinness and Body Dissatisfaction in Adolescent Twins: A Bivariate Twin Study.** *Alcohol Clin Exp Res.* 2018 Sep 4. doi: 10.1111/acer.13868. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30252141>
8. Bamberg C, Diemert A, Glosemeyer P, Hecher K. **Quantified discordant placental echogenicity in twin anemia-polycythemia sequence (TAPS) and middle cerebral artery peak systolic velocity.** *Ultrasound Obstet Gynecol.* 2018 Sep;52(3):373-377. doi: 10.1002/uog.17535. Epub 2018 Jul 23. <https://www.ncbi.nlm.nih.gov/pubmed/28557152>



9. Bell EM, Yeung EH, Ma W, Kannan K, Sundaram R, Smarr MM, Buck Louis GM. **Concentrations of endocrine disrupting chemicals in newborn blood spots and infant outcomes in the upstate KIDS study.** *Environ Int.* 2018 Sep 13;121(Pt 1):232-239. doi: 10.1016/j.envint.2018.09.005. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30219610>
10. Bell GA, Sundaram R, Mumford SL, Park H, Broadney M, Mills JL, Bell EM, Yeung EH. **Maternal polycystic ovarian syndrome and offspring growth: the Upstate KIDS Study.** *J Epidemiol Community Health.* 2018 Sep;72(9):852-855. doi: 10.1136/jech-2017-210004. Epub 2018 May 22.
<https://www.ncbi.nlm.nih.gov/pubmed/29789346>
11. Berenbaum SA, Beltz AM. **From Genes to Behavior Through Sex Hormones and Socialization: The Example of Gender Development - Erratum.** *Twin Res Hum Genet.* 2018 Sep 24;1. doi: 10.1017/thg.2018.49. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30246684>
12. Brady PC, Molina RL, Muto MG, Stapp B, Srouji SS. **Diagnosis and management of a heterotopic pregnancy and ruptured rudimentary uterine horn.** *Fertil Res Pract.* 2018 Sep 29;4:6. doi: 10.1186/s40738-018-0051-7. eCollection 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/30279994>
13. Burton CL, Park LS, Corfield EC, Forget-Dubois N, Dupuis A, Sinopoli VM, Shan J, Goodale T, Shaheen SM, Crosbie J, Schachar RJ, Arnold PD. **Heritability of obsessive-compulsive trait dimensions in youth from the general population.** *Transl Psychiatry.* 2018 Sep 18;8(1):191. doi: 10.1038/s41398-018-0249-9.
<https://www.ncbi.nlm.nih.gov/pubmed/30228290>
14. Capucci A, Ciliberti G, Guerra F. **To the Editor- Flecainide and propafenone: Good twins for premature ventricular contractions' killing but not exactly superimposable.** *Heart Rhythm.* 2018 Sep;15(9):e71. doi: 10.1016/j.hrthm.2018.06.007. Epub 2018 Jun 8. No abstract available.
<https://www.ncbi.nlm.nih.gov/pubmed/29890322>
15. Carter-Timofte ME, Hansen AF, Mardahl M, Fribourg S, Rapaport F, Zhang SY, Casanova JL, Paludan SR, Christiansen M, Larsen CS, Mogensen TH. **Varicella-zoster virus CNS vasculitis and RNA polymerase III gene mutation in identical twins.** *Neurol Neuroimmunol Neuroinflamm.* 2018 Sep 7;5(6):e500. doi: 10.1212/NXI.0000000000000500. eCollection 2018 Nov.
<https://www.ncbi.nlm.nih.gov/pubmed/30211253>
16. Chauhan RK, Sankhwar S, Tripathi R, Pandey SS. **A rare presentation of keratosis follicularis spinulosa decalvans in female twins.** *Indian J Dermatol Venereol Leprol.* 2018 Sep-Oct;84(5):645. doi: 10.4103/ijdv.IJDVL_524_16.
<https://www.ncbi.nlm.nih.gov/pubmed/28928337>



17. Chiruvolu A, Daoud Y, Inzer RW. **Effect of delayed cord clamping on very preterm twins.** Early Hum Dev. 2018 Sep;124:22-25. doi: 10.1016/j.earlhumdev.2018.08.002. <https://www.ncbi.nlm.nih.gov/pubmed/30099274>
18. Cho Y, Lee S, Hong JH, Kim BJ, Hong WY, Jung J, Lee HB, Sung J, Kim HN, Kim HL, Jung J. **Development of the variant calling algorithm, ADIScan, and its use to estimate discordant sequences between monozygotic twins.** Nucleic Acids Res. 2018 Sep 6;46(15):e92. doi: 10.1093/nar/gky445. <https://www.ncbi.nlm.nih.gov/pubmed/29873758>
19. Cihangir Yılanlıoğlu N, Semiz A, Arisoy R, Kahraman S, Arslan Gürkan A. **The outcome of the multifetal pregnancy reduction procedures in a single centre: A report of 202 completed cases.** Eur J Obstet Gynecol Reprod Biol. 2018 Sep 11;230:22-27. doi: 10.1016/j.ejogrb.2018.09.008. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30237136>
20. Conforti FL, Tortelli R, Morello G, Capozzo R, Barulli MR, Cavallaro S, Logroscino G. **Clinical features and genetic characterization of two dizygotic twins with C9orf72 expansion.** Neurobiol Aging. 2018 Sep;69:293.e1-293.e8. doi: 10.1016/j.neurobiolaging.2018.05.002. Epub 2018 Jun 14. <https://www.ncbi.nlm.nih.gov/pubmed/29866399>
21. Coombes BJ, Basu S, McGue M. **A linear mixed model framework for gene-based gene-environment interaction tests in twin studies.** Genet Epidemiol. 2018 Sep 11. doi: 10.1002/gepi.22150. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30203856>
22. Couck I, Mourad Tawfic N, Deprest J, De Catte L, Devlieger R, Lewi L. **Does site of cord insertion increase risk of adverse outcome, twin-to-twin transfusion syndrome and discordant growth in monochorionic twin pregnancy?** Ultrasound Obstet Gynecol. 2018 Sep;52(3):385-389. doi: 10.1002/uog.18926. Epub 2018 Aug 5. <https://www.ncbi.nlm.nih.gov/pubmed/29024208>
23. Cowell P, Gurd J. **Handedness and the Corpus Callosum: A Review and Further Analyses of Discordant Twins.** Neuroscience. 2018 Sep 15;388:57-68. doi: 10.1016/j.neuroscience.2018.06.017. Epub 2018 Jul 12. <https://www.ncbi.nlm.nih.gov/pubmed/30017955>
24. Crush E, Arseneault L, Fisher HL. **Girls get by with a little help from their friends: gender differences in protective effects of social support for psychotic phenomena amongst poly-victimised adolescents.** Soc Psychiatry Psychiatr Epidemiol. 2018 Sep 25. doi: 10.1007/s00127-018-1599-6. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30255382>



25. Doumouchtsis SK, Fahmay Y, Sedgwick P, Durnea CM. **A comparative study of obstetric anal sphincter injuries in vaginal deliveries of twins and singleton pregnancies.** *Neurourol Urodyn.* 2018 Sep 6. doi: 10.1002/nau.23727.
<https://www.ncbi.nlm.nih.gov/pubmed/30187969>
26. Easter SR, Little SE, Robinson JN, Mendez-Figueroa H, Chauhan SP. **Obstetric History and Likelihood of Preterm Birth of Twins.** *Am J Perinatol.* 2018 Sep;35(11):1023-1030. doi: 10.1055/s-0037-1617758. Epub 2018 Jan 5.
<https://www.ncbi.nlm.nih.gov/pubmed/29304544>
27. Erenel H, Karslı MF, Korkmaz SÖ, Şen C. **Are complicated monochorionic twins more susceptible to indomethacin-induced fetal ductal constriction? Two cases of laser surgery for Twin-Twin Transfusion syndrome.** *Turk J Obstet Gynecol.* 2018 Sep;15(3):200-203. doi: 10.4274/tjod.78095. Epub 2018 Sep 3.
<https://www.ncbi.nlm.nih.gov/pubmed/30202632>
28. Forgo B, Tarnoki AD, Tarnoki DL, Kovacs DT, Szalontai L, Persely A, Hernyes A, Szily M, Littvay L, Medda E, Szabo A, Kozak LR, Rudas G, Sas A, Sepsi M, Kostyal L, Olah C. **Are the Variants of the Circle of Willis Determined by Genetic or Environmental Factors? Results of a Twin Study and Review of the Literature.** *Twin Res Hum Genet.* 2018 Oct;21(5):384-393. doi: 10.1017/thg.2018.50.
<https://www.ncbi.nlm.nih.gov/pubmed/30201058>
29. Forgó B, Tárnoki ÁD, Tárnoki DL, Littvay L, Fagnani C, Stazi MA, Meneghetti G, Medda E, Farina F, Baracchini C. **Investigation of circle of Willis variants and hemodynamic parameters in twins using transcranial color-coded Doppler sonography.** *Int J Cardiovasc Imaging.* 2018 Sep;34(9):1419-1427. doi: 10.1007/s10554-018-1359-4. Epub 2018 Apr 19.
<https://www.ncbi.nlm.nih.gov/pubmed/29675634>
30. Frankel DS. **Reply to the Editor- Flecainide and Propafenone: Good twins for premature ventricular contractions' killing but not exactly superimposable.** *Heart Rhythm.* 2018 Sep;15(9):e71. doi: 10.1016/j.hrthm.2018.06.008.
<https://www.ncbi.nlm.nih.gov/pubmed/29890318>
31. Fu L, Zhang J, Xiong S, Sun M. **Decreased apparent diffusion coefficient in the placentas of monochorionic twins with selective intrauterine growth restriction.** *Placenta.* 2018 Sep;69:26-31. doi: 10.1016/j.placenta.2018.07.001. Epub 2018 Jul 5.
<https://www.ncbi.nlm.nih.gov/pubmed/30213481>
32. Ghirardi L, Pettersson E, Taylor MJ, Freitag CM, Franke B, Asherson P, Larsson H, Kuja-Halkola R. **Genetic and environmental contribution to the overlap between ADHD and ASD trait dimensions in young adults: a twin study.** *Psychol Med.* 2018 Sep 7:1-9. doi: 10.1017/S003329171800243X. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30191778>



33. Hirsch L, Berger H, Okby R, Ray JG, Geary M, McDonald SD, Murry-Davis B, Riddell C, Halperin I, Hasan H, Barrett J, Melamed N; for DOH-NET (Diabetes, Obesity and Hypertension in Pregnancy Research Network) and SOON (Southern Ontario Obstetrical Network) **Incidence and risk factors for gestational diabetes mellitus in twin versus singleton pregnancies.** Arch Gynecol Obstet. 2018 Sep;298(3):579-587. doi: 10.1007/s00404-018-4847-9. Epub 2018 Jul 3.
<https://www.ncbi.nlm.nih.gov/pubmed/29971559>
34. Hollerbach P, Johansson A, Ventus D, Jern P, Neumann CS, Westberg L, Santtila P, Habermeyer E, Mokros A. **Main and interaction effects of childhood trauma and the MAOA uVNTR polymorphism on psychopathy.** Psychoneuroendocrinology. 2018 Sep;95:106-112. doi: 10.1016/j.psyneuen.2018.05.022. Epub 2018 May 16.
<https://www.ncbi.nlm.nih.gov/pubmed/29843018>
35. Jaffee SR, Ambler A, Merrick M, Goldman-Mellor S, Odgers CL, Fisher HL, Danese A, Arseneault L. **Childhood Maltreatment Predicts Poor Economic and Educational Outcomes in the Transition to Adulthood.** Am J Public Health. 2018 Sep;108(9):1142-1147. doi: 10.2105/AJPH.2018.304587.
<https://www.ncbi.nlm.nih.gov/pubmed/30088989>
36. Jelenkovic A, Mikkonen J, Martikainen P, Latvala A, Yokoyama Y, Sund R, Vuoksimaa E, Rebato E, Sung J, Kim J, Lee J, Lee S, Stazi MA, Fagnani C, Brescianini S, Derom CA, Vlietinck RF, Loos RJF, Krueger RF, McGue M, Pahlen S, Nelson TL, et al. **Association between birth weight and educational attainment: an individual-based pooled analysis of nine twin cohorts.** J Epidemiol Community Health. 2018 Sep;72(9):832-837. doi: 10.1136/jech-2017-210403. Epub 2018 May 30.
<https://www.ncbi.nlm.nih.gov/pubmed/29848580>
37. Jordan A, Smith P, Rodham K. **Bittersweet: a qualitative exploration of mothers' experiences of raising a single surviving twin.** Psychol Health Med. 2018 Sep;23(8):891-898. doi: 10.1080/13548506.2018.1434215. Epub 2018 Jan 31.
<https://www.ncbi.nlm.nih.gov/pubmed/29384390>
38. Kalafat E, Thilaganathan B, Papageorgiou A, Bhide A, Khalil A. **Significance of placental cord insertion site in twin pregnancy.** Ultrasound Obstet Gynecol. 2018 Sep;52(3):378-384. doi: 10.1002/uog.18914.
<https://www.ncbi.nlm.nih.gov/pubmed/28976606>
39. Kendler KS, Ohlsson H, Fagan AA, Lichtenstein P, Sundquist J, Sundquist K. **Academic Achievement and Drug Abuse Risk Assessed Using Instrumental Variable Analysis and Co-relative Designs.** JAMA Psychiatry. 2018 Sep 5. doi: 10.1001/jamapsychiatry.2018.2337. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30193341>



40. Kharazmi E, Babaei M, Fallah M, Chen T, Sundquist K, Hemminki K. **Importance of tumor location and histology in familial risk of upper gastrointestinal cancers: a nationwide cohort study.** Clin Epidemiol. 2018 Sep 4;10:1169-1179. doi: 10.2147/CLEP.S168152. eCollection 2018. <https://www.ncbi.nlm.nih.gov/pubmed/30233251>
41. Korb D, Deneux-Tharoux C, Seco A, Goffinet F, Schmitz T; JUmeaux MODE d'Accouchement (JUMODA) study group and the Groupe de Recherche en Obstétrique et Gynécologie (GROG).. **Risk of Severe Acute Maternal Morbidity According to Planned Mode of Delivery in Twin Pregnancies.** Obstet Gynecol. 2018 Sep;132(3):647-655. doi: 10.1097/AOG.0000000000002788. <https://www.ncbi.nlm.nih.gov/pubmed/30095775>
42. Kubo H, Kozan H, Ichihara T, Shimizu M, Onishi S. **Dichorionic-diamniotic twins: One case each of esophageal atresia and congenital pulmonary airway malformation.** Pediatr Int. 2018 Sep;60(9):901-903. doi: 10.1111/ped.13659. <https://www.ncbi.nlm.nih.gov/pubmed/30187627>
43. Lebrun N, Mehler-Jacob C, Poirier K, Zordan C, Lacombe D, Carion N, Billuart P, Bienvenu T. **Novel KDM5B splice variants identified in patients with developmental disorders: Functional consequences.** Gene. 2018 Sep 12;679:305-313. doi: 10.1016/j.gene.2018.09.016. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30217758>
44. Lee SM, Jae Kim B, Shin Park J, Norwitz ER, Won Oh J, Oh S, Vixay C, Min Kim S, Park CW, Jun JK. **Risk of intra-amniotic infection/inflammation and respiratory distress syndrome according to the birth order in twin preterm neonates.** J Matern Fetal Neonatal Med. 2018 Sep 20:1-11. doi: 10.1080/14767058.2018.1523890. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30231808>
45. Lee YA, Cho SW, Sung HK, Kim K, Song YS, Moon SJ, Oh JW, Ju DL, Choi S, Song SH, Cheon GJ, Park YJ, Shin CH, Park SK, Jun JK, Chung JK. **Effects of Maternal Iodine Status during Pregnancy and Lactation on Maternal Thyroid Function and Offspring Growth and Development: A Prospective Study Protocol for the Ideal Breast Milk Cohort.** Endocrinol Metab (Seoul). 2018 Sep;33(3):395-402. doi: 10.3803/EnM.2018.33.3.395. <https://www.ncbi.nlm.nih.gov/pubmed/30229579>
46. Li SS, Zhang LL, Nie S, Lv T, Wang HW. **Severe acne in monozygotic twins treated with photodynamic therapy.** Photodiagnosis Photodyn Ther. 2018 Sep;23:235-236. doi: 10.1016/j.pdpdt.2018.06.016. Epub 2018 Jun 19. <https://www.ncbi.nlm.nih.gov/pubmed/29933082>



47. Lorthe E, Torchin H, Delorme P, Ancel PY, Marchand-Martin L, Foix-L'Hélias L, Benhammou V, Gire C, d'Ercole C, Winer N, Sentilhes L, Subtil D, Goffinet F, Kayem G. **Preterm premature rupture of membranes at 22-25 weeks' gestation: perinatal and 2-year outcomes within a national population-based study (EPIPAGE-2).** Am J Obstet Gynecol. 2018 Sep;219(3):298.e1-298.e14. doi: 10.1016/j.ajog.2018.05.029. Epub 2018 May 29. <https://www.ncbi.nlm.nih.gov/pubmed/29852153>
48. Loukovitis E, Sfakianakis K, Symakesi P, Tsotridou E, Orfanidou M, Bakaloudi DR, Stoila M, Kozei A, Koronis S, Zachariadis Z, Tranos P, Kozeis N, Balidis M, Gatziofias Z, Fiska A, Anogeianakis G. **Genetic Aspects of Keratoconus: A Literature Review Exploring Potential Genetic Contributions and Possible Genetic Relationships with Comorbidities.** Ophthalmol Ther. 2018 Sep 6. doi: 10.1007/s40123-018-0144-8. [Epub ahead of print] Review. <https://www.ncbi.nlm.nih.gov/pubmed/30191404>
49. Lu J, Cheng YKY, Ting YH, Law KM, Leung TY. **Pitfalls in assessing chorioamniocity: novel observations and literature review.** Am J Obstet Gynecol. 2018 Sep;219(3):242-254. doi: 10.1016/j.ajog.2018.02.010. <https://www.ncbi.nlm.nih.gov/pubmed/29462630>
50. Luoga E, Vanobberghen F, Bircher R, Nyuri A, Ntamatungiro AJ, Mnzava D, Mollel GJ, Letang E, Bategay M, Weisser M, Gamell A. **Brief Report: No HIV Transmission From Virally Suppressed Mothers During Breastfeeding in Rural Tanzania.** J Acquir Immune Defic Syndr. 2018 Sep 1;79(1):e17-e20. doi: 10.1097/QAI.0000000000001758. <https://www.ncbi.nlm.nih.gov/pubmed/29781882>
51. Madrid-Valero JJ, Sánchez-Romera JF, Gregory AM, Martínez-Selva JM, Ordoñana JR. **Heritability of sleep quality in a middle-aged twin sample from Spain.** Sleep. 2018 Sep 1;41(9). doi: 10.1093/sleep/zsy110. <https://www.ncbi.nlm.nih.gov/pubmed/29800350>
52. Marqueta-Gracia JJ, Álvarez-Álvarez M, Baeta M, Palencia-Madrid L, Prieto-Fernández E, Ordoñana JR, de Pancorbo MM. **Differentially methylated CpG regions analyzed by PCR-high resolution melting for monozygotic twin pair discrimination.** Forensic Sci Int Genet. 2018 Sep 20. pii: S1872-4973(18)30034-6. doi: 10.1016/j.fsigen.2018.08.013. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30245065>
53. Mathur P, Nunia V, Sharma R, Simlot A, Medicherla KM. **Congenital Pouch Colon: Role of Genetics or Environmental Influence?** Pathobiology. 2018 Sep 17:1-10. doi: 10.1159/000492432. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30223255>

54. McAdams TA, Hannigan LJ, Eilertsen EM, Gjerde LC, Ystrom E, Rijdsdijk FV. **Revisiting the Children-of-Twins Design: Improving Existing Models for the Exploration of Intergenerational Associations.** Behav Genet. 2018 Sep;48(5):397-412. doi: 10.1007/s10519-018-9912-4. Epub 2018 Jun 30.
<https://www.ncbi.nlm.nih.gov/pubmed/29961153>
55. McGovern ME. **How much does birth weight matter for child health in developing countries? Estimates from siblings and twins.** Health Econ. 2018 Sep 21. doi: 10.1002/hec.3823. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30239053>
56. Meng Y, Lin T, Liang S, Gao R, Jiang H, Shao W, Yang F, Zhou X. **Value of DNA methylation in predicting curve progression in patients with adolescent idiopathic scoliosis.** EBioMedicine. 2018 Sep 18. pii: S2352-3964(18)30374-8. doi: 10.1016/j.ebiom.2018.09.014. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30241917>
57. Myers L, Van't Westeinde A, Kuja-Halkola R, Tammimies K, Bölte S. **2D:4D Ratio in Neurodevelopmental Disorders: A Twin Study.** J Autism Dev Disord. 2018 Sep;48(9):3244-3252. doi: 10.1007/s10803-018-3588-8.
<https://www.ncbi.nlm.nih.gov/pubmed/29704141>
58. Palermo A, Capoluongo E, Del Toro R, Manfrini S, Pozzilli P, Maggi D, Defeudis G, Pantano F, Coppola R, Di Matteo FM, Raffaelli M, Concolino P, Falchetti A. **A novel germline mutation at exon 10 of MEN1 gene: a clinical survey and positive genotype-phenotype analysis of a MEN1 Italian family, including monozygotic twins.** Hormones (Athens). 2018 Sep;17(3):427-435. doi: 10.1007/s42000-018-0044-2. Epub 2018 Aug 6. Review.
<https://www.ncbi.nlm.nih.gov/pubmed/30083881>
59. Parad RB, Winston AB, Kalish LA, Gupta M, Thompson I, Sheldon Y, Morey J, Van Marter LJ. **Role of Genetic Susceptibility in the Development of Bronchopulmonary Dysplasia.** J Pediatr. 2018 Sep 26. pii: S0022-3476(18)31098-9. doi: 10.1016/j.jpeds.2018.07.099. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30287068>
60. Póvoa A, Matias A, Xavier P, Blickstein I. **Can early ultrasonography explain the lower miscarriage rates in twin as compared to singleton pregnancies following assisted reproduction?** J Perinat Med. 2018 Sep 25;46(7):760-763. doi: 10.1515/jpm-2017-0087. No abstract available.
<https://www.ncbi.nlm.nih.gov/pubmed/28632498>
61. Reese KM, Czerwinski J, Darilek S, Johnson A, Jones M, Singletary CN. **Attitudes Toward and Uptake of Prenatal Genetic Screening and Testing in Twin Pregnancies.** J Genet Couns. 2018 Sep;27(5):1238-1247. doi: 10.1007/s10897-018-0246-4. Epub 2018 Mar 10.
<https://www.ncbi.nlm.nih.gov/pubmed/29525932>



62. Ru Y, Pressman EK, Guillet R, Katzman PJ, Vermeylen F, O'Brien KO. **Umbilical Cord Hecpidin Concentrations Are Positively Associated with the Variance in Iron Status among Multiple Birth Neonates.** J Nutr. 2018 Sep 22. doi: 10.1093/jn/nxy151. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30247706>
63. Rusterholz T, Hamann C, Markovic A, Schmidt SJ, Achermann P, Tarokh L. **Nature and Nurture: Brain region specific inheritance of sleep neurophysiology in adolescence.** J Neurosci. 2018 Sep 24. pii: 0945-18. doi: 10.1523/JNEUROSCI.0945-18.2018. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30249805>
64. Schmitt JE, Giedd JN, Raznahan A, Neale MC. **The Genetic Contributions to Maturational Coupling in the Human Cerebrum: A Longitudinal Pediatric Twin Imaging Study.** Cereb Cortex. 2018 Sep 1;28(9):3184-3191. doi: 10.1093/cercor/bhx190.
<https://www.ncbi.nlm.nih.gov/pubmed/28968785>
65. Schubert J, Tariq M, Geddes G, Kindel S, Miller EM, Ware SM. **Novel pathogenic variants in filamin C identified in pediatric restrictive cardiomyopathy.** Hum Mutat. 2018 Sep 27. doi: 10.1002/humu.23661. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30260051>
66. Schuez-Havupalo L, Lahti E, Junttila N, Toivonen L, Aromaa M, Rautava P, Peltola V, Räihä H. **Parents' depression and loneliness during pregnancy and respiratory infections in the offspring: A prospective birth cohort study.** PLoS One. 2018 Sep 7;13(9):e0203650. doi: 10.1371/journal.pone.0203650. eCollection 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/30192872>
67. Segal NL, Hernandez BA, Graham JL, Ettinger U. **Pairs of Genetically Unrelated Look-Alikes : Further Tests of Personality Similarity and Social Affiliation.** Hum Nat. 2018 Sep 25. doi: 10.1007/s12110-018-9326-2. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30251001>
68. Sisti G, Di Tommaso M. **Cervical length cut-off for preterm birth prediction in twins: let's use the fifth percentile!** J Matern Fetal Neonatal Med. 2018 Sep 25:1. doi: 10.1080/14767058.2018.1518418. [Epub ahead of print] No abstract available.
<https://www.ncbi.nlm.nih.gov/pubmed/30157678>
69. Sisti G, Minis E, Di Tommaso M, Parenti A, Paccosi S, Witkin SS. **T-cell immunoglobulin mucin-3 and galectin-9 levels in peripheral blood mononuclear cells predict fetal acidemia in twin pregnancies.** J Matern Fetal Neonatal Med. 2018 Sep 19:1-171. doi: 10.1080/14767058.2018.1526919. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30231785>



70. Soffer MD, Naqvi M, Melka S, Gottlieb A, Romero J, Fox NS. **The association between maternal race and adverse outcomes in twin pregnancies with similar healthcare access.** J Matern Fetal Neonatal Med. 2018 Sep;31(18):2424-2428. doi: 10.1080/14767058.2017.1344634. Epub 2017 Jul 6.
<https://www.ncbi.nlm.nih.gov/pubmed/28629273>
71. Sommer J, Nuyt AM, Audibert F, Dorval V, Wavrant S, Altit G, Lapointe A. **Outcomes of extremely premature infants with twin-twin transfusion syndrome treated by laser therapy.** J Perinatol. 2018 Sep 3. doi: 10.1038/s41372-018-0202-z.
<https://www.ncbi.nlm.nih.gov/pubmed/30177860>
72. Tavares de Sousa M, Fonseca A, Hecher K. **Role of fetal inter-twin middle cerebral artery peak systolic velocity differences in predicting neonatal twin anemia-polycythemia sequence (TAPS).** Ultrasound Obstet Gynecol. 2018 Sep 11. doi: 10.1002/uog.20116. [Epub ahead of print] No abstract available.
<https://www.ncbi.nlm.nih.gov/pubmed/30207009>
73. Toivainen T, Pannini G, Papageorgiou KA, Malanchini M, Rimfeld K, Shakeshaft N, Kovas Y. **Prenatal testosterone does not explain sex differences in spatial ability.** Sci Rep. 2018 Sep 12;8(1):13653. doi: 10.1038/s41598-018-31704-y.
<https://www.ncbi.nlm.nih.gov/pubmed/30209280>
74. Townsend R, D'Antonio F, Sileo FG, Kumbay H, Thilaganathan B, Khalil A. **Perinatal outcome of monozygotic twin pregnancies complicated by selective fetal growth restriction according to management: a systematic review and meta-analysis.** Ultrasound Obstet Gynecol. 2018 Sep 11. doi: 10.1002/uog.20114.
<https://www.ncbi.nlm.nih.gov/pubmed/30207011>
75. Vainik U, Baker TE, Dadar M, Zeighami Y, Michaud A, Zhang Y, García Alanis JC, Misic B, Collins DL, Dagher A. **Neurobehavioral correlates of obesity are largely heritable.** Proc Natl Acad Sci U S A. 2018 Sep 11;115(37):9312-9317. doi: 10.1073/pnas.1718206115. Epub 2018 Aug 28.
<https://www.ncbi.nlm.nih.gov/pubmed/30154161>
76. van Dongen J, Ehli EA, Jansen R, van Beijsterveldt CEM, Willemsen G, Hottenga JJ, Kallsen NA, Peyton SA, Breeze CE, Klufft C, Heijmans BT, Bartels M, Davies GE, Boomsma DI. **Genome-wide analysis of DNA methylation in buccal cells: a study of monozygotic twins and mQTLs.** Epigenetics Chromatin. 2018 Sep 25;11(1):54. doi: 10.1186/s13072-018-0225-x.
<https://www.ncbi.nlm.nih.gov/pubmed/30253792>
77. Verbruggen SW, Kainz B, Shelmerdine SC, Arthurs OJ, Hajnal JV, Rutherford MA, Phillips ATM, Nowlan NC. **Altered biomechanical stimulation of the developing hip joint in presence of hip dysplasia risk factors.** J Biomech. 2018 Sep 10;78:1-9. doi: 10.1016/j.jbiomech.2018.07.016. Epub 2018 Jul 20.
<https://www.ncbi.nlm.nih.gov/pubmed/30037582>



78. Vuoksima E, Panizzon MS, Franz CE, Fennema-Notestine C, Hagler DJ Jr, Lyons MJ, Dale AM, Kremen WS. **Brain structure mediates the association between height and cognitive ability.** Brain Struct Funct. 2018 Sep;223(7):3487-3494. doi: 10.1007/s00429-018-1675-4. Epub 2018 May 11.
<https://www.ncbi.nlm.nih.gov/pubmed/29748873>
79. Walker AR, Waites BT, Caughey AB. **Twins versus singleton pregnancies: outcomes in small for gestational age late preterm deliveries.** J Matern Fetal Neonatal Med. 2018 Sep 19:1-6. doi: 10.1080/14767058.2018.1508438.
<https://www.ncbi.nlm.nih.gov/pubmed/30078342>
80. Wang Y, Karlsson R, Lampa E, Zhang Q, Hedman ÅK, Almgren M, Almqvist C, McRae AF, Marioni RE, Ingelsson E, Visscher PM, Deary IJ, Lind L, Morris T, Beck S, Pedersen NL, Hägg S. **Epigenetic influences on aging: a longitudinal genome-wide methylation study in old Swedish twins.** Epigenetics. 2018 Sep 28. doi: 10.1080/15592294.2018.1526028. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30264654>
81. Webster AP, Plant D, Ecker S, Zufferey F, Bell JT, Feber A, Paul DS, Beck S, Barton A, Williams FMK, Worthington J. **Increased DNA methylation variability in rheumatoid arthritis-discordant monozygotic twins.** Genome Med. 2018 Sep 4;10(1):64. doi: 10.1186/s13073-018-0575-9.
<https://www.ncbi.nlm.nih.gov/pubmed/30176915>
82. Wesseldijk LW, Bartels M, Vink JM, van Beijsterveldt CEM, Ligthart L, Boomsma DI, Middeldorp CM. **Genetic and environmental influences on conduct and antisocial personality problems in childhood, adolescence, and adulthood.** Eur Child Adolesc Psychiatry. 2018 Sep;27(9):1123-1132. doi: 10.1007/s00787-017-1014-y. Epub 2017 Jun 21.
<https://www.ncbi.nlm.nih.gov/pubmed/28638947>
83. Whisman MA, du Pont A, Rhee SH, Spotts EL, Lichtenstein P, Ganiban JM, Reiss D, Neiderhiser JM. **A genetically informative analysis of the association between dyadic adjustment, depressive symptoms, and anxiety symptoms.** J Affect Disord. 2018 Sep;237:18-26. doi: 10.1016/j.jad.2018.04.105. Epub 2018 Apr 25.
<https://www.ncbi.nlm.nih.gov/pubmed/29754021>
84. Wiklund CA, Kuja-Halkola R, Thornton LM, Bälter K, Welch E, Bulik CM. **Childhood body mass index and development of eating disorder traits across adolescence.** Eur Eat Disord Rev. 2018 Sep;26(5):462-471. doi: 10.1002/erv.2612.
<https://www.ncbi.nlm.nih.gov/pubmed/29927002>
85. Wood IC. **The Contribution and Therapeutic Potential of Epigenetic Modifications in Alzheimer's Disease.** Front Neurosci. 2018 Sep 19;12:649. doi: 10.3389/fnins.2018.00649. eCollection 2018. Review.
<https://www.ncbi.nlm.nih.gov/pubmed/30283297>



86. Wu S, Guo K, Xiao P, Yang J, Sun J. **Body Wall Reconstruction for Conjoined Twins: Our Experience and Lessons Learned.** Ann Plast Surg. 2018 Sep 20. doi: 10.1097/SAP.0000000000001609. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30247190>
87. Xie T, Zanotti-Fregonara P, Edet-Sanson A, Zaidi H. **Patient-Specific Computational Model and Dosimetry Calculations for PET/CT of a Patient Pregnant with Twins.** J Nucl Med. 2018 Sep;59(9):1451-1458. doi: 10.2967/jnumed.117.205286. Epub 2018 Jan 25.
<https://www.ncbi.nlm.nih.gov/pubmed/29371408>
88. Yu Y, Cozen W, Hwang AE, Cockburn MG, Zadnick J, Hamilton AS, Mack T, Figueiredo JC. **Birth Anomalies in Monozygotic and Dizygotic Twins: Results From the California Twin Registry.** J Epidemiol. 2018 Sep 29. doi: 10.2188/jea.JE20170159. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30270263>
89. Yuan L, Deng X, Song Z, Deng S, Zheng W, Mao P, Deng H. **Systematic analysis of genetic variants in patients with essential tremor.** Brain Behav. 2018 Sep 5:e01100. doi: 10.1002/brb3.1100. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30252209>
90. Zadro JR, Shirley D, Duncan GE, Ferreira PH. **Familial factors predicting recovery and maintenance of physical activity in people with low back pain: Insights from a population-based twin study.** Eur J Pain. 2018 Sep 3. doi: 10.1002/ejp.1311. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30176096>
91. Zeglam A, Abugrara A, Kabuka M. **Autosomal-recessive iron deficiency anemia, dystonia and hypermanganesemia caused by new variant mutation of the manganese transporter gene SLC39A14.** Acta Neurol Belg. 2018 Sep 19. doi: 10.1007/s13760-018-1024-7. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30232769>
92. Zhang J, Chowienczyk PJ, Spector TD, Jiang B. **Relation of arterial stiffness to left ventricular structure and function in healthy women.** Cardiovasc Ultrasound. 2018 Sep 25;16(1):21. doi: 10.1186/s12947-018-0139-6.
<https://www.ncbi.nlm.nih.gov/pubmed/30249257>
93. Zhao J, Yan Y, Huang X, Li Y. **Do the children born after assisted reproductive technology have an increased risk of birth defects? A systematic review and meta-analysis.** J Matern Fetal Neonatal Med. 2018 Sep 6:1-12. doi: 10.1080/14767058.2018.1488168. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/30189770>



-
94. Zhou HY, Li Z, Xie DJ, Xu T, Cheung EEF, Li H, Chan RCK. **Heritability estimates of spatial working memory and set-shifting in a healthy Chinese twin sample: A preliminary study.** Psych J. 2018 Sep;7(3):144-151. doi: 10.1002/pchj.227.
<https://www.ncbi.nlm.nih.gov/pubmed/30113134>
95. Zhou HY, Wong KK, Shi LJ, Cui XL, Qian Y, Jiang WQ, Du YS, Lui SSY, Luo XR, Yi ZH, Cheung EFC, Docherty AR, Chan RCK. **Suspiciousness in young minds: Convergent evidence from non-clinical, clinical and community twin samples.** Schizophr Res. 2018 Sep;199:135-141. doi: 10.1016/j.schres.2018.03.027.
<https://www.ncbi.nlm.nih.gov/pubmed/29567402>