



Twin Research Publications August 2020

1. Aaltonen S, Waller K, Vähä-Ypyä H, Rinne J, Sievänen H, Silventoinen K, Kaprio J, Kujala UM. **Motives for physical activity in older men and women: A twin study using accelerometer-measured physical activity.** Scand J Med Sci Sports. 2020 Aug;30(8):1409-1422. doi: 10.1111/sms.13673. Epub 2020 Apr 20.
<https://pubmed.ncbi.nlm.nih.gov/32259351/>
2. Adebayo AS, Ackermann G, Bowyer RCE, Wells PM, Humphreys G, Knight R, Spector TD, Steves CJ. **The Urinary Tract Microbiome in Older Women Exhibits Host Genetic and Environmental Influences.** Cell Host Microbe. 2020 Aug 12;28(2):298-305.e3. doi: 10.1016/j.chom.2020.06.022. Epub 2020 Jul 21.
<https://pubmed.ncbi.nlm.nih.gov/32697939/>
3. Afzal AR, Montero FJ. **Conjoined Twins.** 2020 Aug 15. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan–.
<https://pubmed.ncbi.nlm.nih.gov/32809674/>
4. Amaral MS, Goulart E, Caires-Júnior LC, Morales-Vicente DA, Soares-Schanoski A, Gomes RP, Olberg GGO, Astray RM, Kalil JE, Zatz M, Verjovski-Almeida S. **Differential gene expression elicited by ZIKV infection in trophoblasts from congenital Zika syndrome discordant twins.** PLoS Negl Trop Dis. 2020 Aug 3;14(8):e0008424. doi: 10.1371/journal.pntd.0008424. eCollection 2020 Aug.
<https://pubmed.ncbi.nlm.nih.gov/32745093/>
5. Arabin B. **Why are discrepant malformations in twins so challenging?.** BJOG. 2020 Aug 12. doi: 10.1111/1471-0528.16462. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32785984/>
6. Avery AR, Turkheimer E, Tsang S, Duncan GE. **Psychometric and Classification Properties of the Peas in a Pod Questionnaire.** Twin Res Hum Genet. 2020 Aug;23(4):247-255. doi: 10.1017/thg.2020.64. Epub 2020 Aug 10.
<https://pubmed.ncbi.nlm.nih.gov/32772951/>
7. Bhandari J, Thada PK, Sergent SR. **Potter Syndrome.** 2020 Aug 14. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan–.
<https://pubmed.ncbi.nlm.nih.gov/32809693/>
8. Bijnens EM, Derom C, Thiery E, Weyers S, Nawrot TS. **Residential green space and child intelligence and behavior across urban, suburban, and rural areas in Belgium: A longitudinal birth cohort study of twins.** PLoS Med. 2020 Aug 18;17(8):e1003213. doi: 10.1371/journal.pmed.1003213. eCollection 2020 Aug.
<https://pubmed.ncbi.nlm.nih.gov/32810193/>



9. Borges MVO, Medeiros JFP, de Sousa EC, da Costa JRR, Lemos TMAM, Dantas PMS. **Metabolic Profile and Body Composition in Twins Concordant and Discordant for Physical Exercise.** Twin Res Hum Genet. 2020 Aug;23(4):241-246. doi: 10.1017/thg.2020.58. Epub 2020 Jul 22.
<https://pubmed.ncbi.nlm.nih.gov/32696732/>
10. Brock CO, Sibai BM, Soto EE, Moise KJ Jr, Johnson A, Blackwell SC, Hernandez Andrade EA, Papanna R. **Fortnightly surveillance of monochorionic diamniotic twins for twin to twin transfusion syndrome: Compliance and effectiveness.** Prenat Diagn. 2020 Aug 11. doi: 10.1002/pd.5810. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32779751/>
11. Bucheit AD, Hardy JT, Szender JB, Glitza Oliva IC. **Conception and viable twin pregnancy in a patient with metastatic melanoma while treated with CTLA-4 and PD-1 checkpoint inhibition.** Melanoma Res. 2020 Aug;30(4):423-425. doi: 10.1097/CMR.0000000000000657.
<https://pubmed.ncbi.nlm.nih.gov/32073510/>
12. Bueno C, Ballerini P, Varela I, Menendez P, Bashford-Rogers R. **Shared D-J rearrangements reveal cell of origin of TCF3-ZNF384 and PTPN11 mutations in monozygotic twins with concordant BCP-ALL.** Blood. 2020 Aug 27;136(9):1108-1111. doi: 10.1182/blood.2020006604.
<https://pubmed.ncbi.nlm.nih.gov/32609826/>
13. Burger RJ, Temmink S, Wertaschnigg D, Ganzevoort W, Reddy M, Davey MA, Wallace EM, Mol BW. **Trends in preterm birth in twin pregnancies in Victoria, Australia, 2007-2017.** Aust N Z J Obstet Gynaecol. 2020 Aug 20. doi: 10.1111/ajo.13227. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32820556/>
14. Cerovac A, Grgić G, Softić D, Ljuca D, Marković S, Mandžić A. **Preterm and term birth in twin pregnancies during a seven-year period: a call for obstetricians to declare about amnionicity and chorionicity.** Med Glas (Zenica). 2020 Aug 1;17(2):465-471. doi: 10.17392/1148-20.
<https://pubmed.ncbi.nlm.nih.gov/32483959/>
15. Chaurasia S, Jakati S, Ramappa M, Mishra DK, Edward DP. **Anterior segment alterations in congenital primary aphakia-a clinicopathologic report of five cases.** Indian J Ophthalmol. 2020 Aug;68(8):1564-1568. doi: 10.4103/ijo.IJO_2078_19.
<https://pubmed.ncbi.nlm.nih.gov/32709777/>
16. Chen E, Yu T, Siliezar R, Drage JN, Dezil J, Miller GE, Brody GH. **Evidence for skin-deep resilience using a co-twin control design: Effects on low-grade inflammation in a longitudinal study of youth.** Brain Behav Immun. 2020 Aug;88:661-667. doi: 10.1016/j.bbi.2020.04.070. Epub 2020 Apr 27.
<https://pubmed.ncbi.nlm.nih.gov/32353517/>



17. Chmait HR, Chon AH, Korst LM, Putnam SP, Llanes A, Vanderbilt DL. **Child Temperament Outcomes After Laser Surgery for Twin-Twin Transfusion Syndrome.** J Dev Behav Pediatr. 2020 Aug 26. doi: 10.1097/DBP.0000000000000851. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32858578/>
18. Chon AH, Pham HQ, Chmait RH. **Twin-Twin Transfusion Syndrome Complicated by Proximate Placental Cord Insertion Sites: Endoscopic Clip-Assisted Laser Occlusion.** Fetal Diagn Ther. 2020 Aug 6:1-6. doi: 10.1159/000509235. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32759605/>
19. Christova P, Joseph J, Georgopoulos AP. **Behavioral-genetic associations in the Human Connectome Project.** Exp Brain Res. 2020 Aug 10. doi: 10.1007/s00221-020-05893-w. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32776238/>
20. Clark G, Cummins N, Curtis M. **Twins Support the Absence of Parity-Dependent Fertility Control in Pretransition Populations.** Demography. 2020 Aug;57(4):1571-1595. doi: 10.1007/s13524-020-00898-0.
<https://pubmed.ncbi.nlm.nih.gov/32681426/>
21. Crush E, Arseneault L, Danese A, Jaffee SR, Fisher HL. **Using discordant twin methods to investigate an environmentally mediated pathway between social support and the reduced likelihood of adolescent psychotic experiences.** Psychol Med. 2020 Aug;50(11):1898-1905. doi: 10.1017/S0033291719001983. Epub 2019 Aug 15.
<https://pubmed.ncbi.nlm.nih.gov/31414649/>
22. Dash GF, Martin NG, Slutske WS. **Childhood maltreatment and disordered gambling in adulthood: disentangling causal and familial influences.** Psychol Med. 2020 Aug 3:1-10. doi: 10.1017/S0033291720002743. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32744192/>
23. Dubois P, Chapron T, Affortit-Demoge A, Martin G, Caputo G, Metge-Galatoire F. **Incontinentia Pigmenti: Homozygous twins with asymmetric ocular involvement.** J Fr Ophtalmol. 2020 Aug 11:S0181-5512(20)30296-5. doi: 10.1016/j.jfo.2019.12.016. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32797998/>
24. Duncan GE, Avery AR, Seto E, Tsang S. **Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs.** PLoS One. 2020 Aug 13;15(8):e0237695. doi: 10.1371/journal.pone.0237695. eCollection 2020.
<https://pubmed.ncbi.nlm.nih.gov/32790745/>



25. Elseth A, Hatley RM. **Orchiopexy**. 2020 Aug 15. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan–.
<https://pubmed.ncbi.nlm.nih.gov/32809739/>
26. Falik D, Rabinski T, Zlotnik D, Eshel R, Zorsky M, Garin-Shkolnik T, Ofir R, Adato A, Ashkenazi A, Vatine GD. **Generation and characterization of iPSC lines (BGUi004-A, BGUi005-A) from two identical twins with polyalanine expansion in the paired-like homeobox 2B (PHOX2B) gene**. Stem Cell Res. 2020 Aug 14;48:101955. doi: 10.1016/j.scr.2020.101955. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32822965/>
27. Frenken MWE, de Wit-Zuurendonk LD, Easter SR, Goossens SMTA, Oei SG. **Simulation-based training of vaginal twin delivery for experienced gynaecologists: Useful or not?**. Eur J Obstet Gynecol Reprod Biol. 2020 Aug;251:89-97. doi: 10.1016/j.ejogrb.2020.05.020. Epub 2020 May 25.
<https://pubmed.ncbi.nlm.nih.gov/32485519/>
28. Gabby LC, Chon AH, Korst LM, Llanes A, Chmait RH. **Risk Factors for Co-Twin Fetal Demise following Radiofrequency Ablation in Multifetal Monochorionic Gestations**. Fetal Diagn Ther. 2020 Aug 7:1-7. doi: 10.1159/000509401. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32772022/>
29. Galiano V, Solazzo G, Rabinovici J, Farzam N, Hemi R, Baccarelli AA, Machtinger R. **Cord blood androgen levels of females from same sex and opposite sex twins - A pilot study**. Clin Endocrinol (Oxf). 2020 Aug 18. doi: 10.1111/cen.14317. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32810873/>
30. Galluccio G, Impellizzeri A, De Stefano AA, Serritella E, Guercio Monaco E. **Multiple Dental Inclusion in Monozygotic Twins with Congenital Visual Impairment**. Case Rep Dent. 2020 Aug 6;2020:8856206. doi: 10.1155/2020/8856206. eCollection 2020.
<https://pubmed.ncbi.nlm.nih.gov/32832166/>
31. Gatto A, Mariotti P, De Rose DU, Curatola A, Mancini G, Lazzareschi I, Ciccone R, Badolato R, Valentini P. **Mild encephalitis/encephalopathy with reversible splenic lesion (MERS) in twin sisters with two CD36 frameshift mutations**. Neurol Sci. 2020 Aug;41(8):2271-2274. doi: 10.1007/s10072-020-04417-2. Epub 2020 Apr 28.
<https://pubmed.ncbi.nlm.nih.gov/32346805/>
32. Gerdes LA, Janoschka C, Eveslage M, Mannig B, Wirth T, Schulte-Mecklenbeck A, Lauks S, Glau L, Gross CC, Tolosa E, Flierl-Hecht A, Ertl-Wagner B, Barkhof F, Meuth SG, Kümpfel T, Wiendl H, Hohlfeld R, Klotz L. **Immune signatures of prodromal multiple sclerosis in monozygotic twins**. Proc Natl Acad Sci U S A. 2020 Sep 1;117(35):21546-21556. doi: 10.1073/pnas.2003339117. Epub 2020 Aug 17.
<https://pubmed.ncbi.nlm.nih.gov/32817525/>



33. Gill P, Lende MN, Van Hook MD JW. **Twin Births**. 2020 Aug 10. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan–.
<https://pubmed.ncbi.nlm.nih.gov/29630252/>
34. Guo L, Wang X, Ji H. **Clinical Phenotype and Genetic Features of a Pair of Chinese Twins with Kearns-Sayre Syndrome**. DNA Cell Biol. 2020 Aug;39(8):1449-1457. doi: 10.1089/dna.2019.5010. Epub 2020 Jun 29.
<https://pubmed.ncbi.nlm.nih.gov/32609007/>
35. Gustavson DE, Elman JA, Panizzon MS, Franz CE, Zuber J, Sanderson-Cimino M, Reynolds CA, Jacobson KC, Xian H, Jak AJ, Toomey R, Lyons MJ, Kremen WS. **Association of baseline semantic fluency and progression to mild cognitive impairment in middle-aged men**. Neurology. 2020 Aug 25;95(8):e973-e983. doi: 10.1212/WNL.0000000000010130. Epub 2020 Jun 30.
<https://pubmed.ncbi.nlm.nih.gov/32606222/>
36. Halfvarson J, Ling Lundström M, Lampinen M, Schoultz I, Bodin L, Carlson M. **Genetic and shared environmental risk factors do not lead to eosinophil activation in healthy twins of IBD patients**. Scand J Gastroenterol. 2020 Aug 20:1-8. doi: 10.1080/00365521.2020.1804994. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32815414/>
37. Halpern-Manners A, Helgertz J, Warren JR, Roberts E. **The Effects of Education on Mortality: Evidence From Linked U.S. Census and Administrative Mortality Data**. Demography. 2020 Aug;57(4):1513-1541. doi: 10.1007/s13524-020-00892-6.
<https://pubmed.ncbi.nlm.nih.gov/32696150/>
38. Hao XD, Chen XN, Zhang YY, Chen P, Wei C, Shi WY, Gao H. **Multi-level consistent changes of the ECM pathway identified in a typical keratoconus twin's family by multi-omics analysis**. Orphanet J Rare Dis. 2020 Aug 31;15(1):227. doi: 10.1186/s13023-020-01512-7.
<https://pubmed.ncbi.nlm.nih.gov/32867823/>
39. Henson LJ, Afsar S, Davenport L, Purvis A, Poole EM, Truffinet P. **Pregnancy outcomes in patients treated with leflunomide, the parent compound of the multiple sclerosis drug teriflunomide**. Reprod Toxicol. 2020 Aug;95:45-50. doi: 10.1016/j.reprotox.2020.04.073. Epub 2020 May 11.
<https://pubmed.ncbi.nlm.nih.gov/32407881/>
40. Hirsch L, Okby R, Freeman H, Rosen H, Nevo O, Barrett J, Melamed N. **Differences in fetal growth patterns between twins and singletons**. J Matern Fetal Neonatal Med. 2020 Aug;33(15):2546-2555. doi: 10.1080/14767058.2018.1555705. Epub 2019 Feb 3.
<https://pubmed.ncbi.nlm.nih.gov/30501543/>



41. Hur YM. **Common Genetic Influences on Age at Pubertal Voice Change and BMI in Male Twins.** Twin Res Hum Genet. 2020 Aug;23(4):235-240. doi: 10.1017/thg.2020.65. Epub 2020 Aug 10.
<https://pubmed.ncbi.nlm.nih.gov/32772962/>
42. Ibiebele I, Humphries JB, Torvaldsen S, Ford JB, Morris JM, Bowen JR, Randall DA. **Gestational age, morbidity and mortality among twin births in New South Wales, Australia 2003-2014: A cohort study.** Aust N Z J Obstet Gynaecol. 2020 Aug;60(4):541-547. doi: 10.1111/ajo.13101. Epub 2019 Nov 28.
<https://pubmed.ncbi.nlm.nih.gov/31782140/>
43. Isomura ET, Kurushima Y, Kobashi H, Enoki K, Yamashita M, Ikebe K; Osaka Twin Research Group. **Factors Influencing the Localization of Mandibular Third Molars in Twins.** J Oral Maxillofac Surg. 2020 Aug;78(8):1279-1287. doi: 10.1016/j.joms.2020.03.021. Epub 2020 Mar 28.
<https://pubmed.ncbi.nlm.nih.gov/32315639/>
44. Jamshidi J, Williams LM, Schofield PR, Park HRP, Montalto A, Chilver MR, Bryant RA, Toma C, Fullerton JM, Gatt JM. **Diverse phenotypic measurements of wellbeing: Heritability, temporal stability and the variance explained by polygenic scores.** Genes Brain Behav. 2020 Aug 12:e12694. doi: 10.1111/gbb.12694. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32785990/>
45. Johansson A, Rötönen N, Jern P. **Is the association between childhood maltreatment and aggressive behavior mediated by hostile attribution bias in women? A discordant twin and sibling study.** Aggress Behav. 2020 Aug 27. doi: 10.1002/ab.21928. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32853475/>
46. Jung YM, Lee SM, Oh S, Lyoo SH, Park CW, Lee SD, Park JS, Jun JK. **The concordance rate of non-chromosomal congenital malformations in twins based on zygosity: a retrospective cohort study.** BJOG. 2020 Aug 11. doi: 10.1111/1471-0528.16463. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32783284/>
47. Kahveci B. **Antenatal diagnosis of thoracopagus conjoined twins with single heart and liver: a case report.** J Obstet Gynaecol. 2020 Aug;40(6):869-871. doi: 10.1080/01443615.2019.1650259. Epub 2019 Oct 12.
<https://pubmed.ncbi.nlm.nih.gov/31607201/>
48. Kalafat E, Abiola A, Thilaganathan B, Bhide A, Khalil A. **The Association Between Hypertension in Pregnancy and Preterm Birth with Fetal Growth Restriction in Singleton and Twin Pregnancy: Use of Twin Versus Singleton Charts.** J Clin Med. 2020 Aug 5;9(8):E2518. doi: 10.3390/jcm9082518.
<https://pubmed.ncbi.nlm.nih.gov/32764227/>



49. Kanda M, Noguchi S, Yamamoto R, Kawaguchi H, Hayashi S, Murakoshi T, Ishii K. **Perinatal outcomes of intrauterine transfusion for the surviving twin in monochorionic twin gestation involving a single fetal demise.** J Obstet Gynaecol Res. 2020 Aug;46(8):1319-1325. doi: 10.1111/jog.14338. Epub 2020 Jun 2. <https://pubmed.ncbi.nlm.nih.gov/32484289/>
50. Kanwar VS, Schwartz KR, Salifu N, Abdelfattah AM, Anim B, Cayrol J, Sniderman E, Eden T. **The role of twinning in sustainable care for children with cancer: A TIPPING point? SIOF PODC Working Group on Twinning, Collaboration, and Support.** Pediatr Blood Cancer. 2020 Aug 22:e28667. doi: 10.1002/pbc.28667. <https://pubmed.ncbi.nlm.nih.gov/32827347/>
51. Kendler KS, Ohlsson H, Fagan AA, Lichtenstein P, Sundquist J, Sundquist K. **Evidence for a Causal Relationship Between Academic Achievement and Cigarette Smoking.** Nicotine Tob Res. 2020 Aug 24:ntaa161. doi: 10.1093/ntr/ntaa161. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32832997/>
52. Kolodziejczyk C. **The effect of time to death on health care expenditures: taking into account the endogeneity and right censoring of time to death.** Eur J Health Econ. 2020 Aug;21(6):945-962. doi: 10.1007/s10198-020-01187-8. Epub 2020 Apr 23. <https://pubmed.ncbi.nlm.nih.gov/32328875/>
53. Kong X, Xu F, Wang Z, Zhang S, Feng Z. **Antenatal corticosteroids administration on mortality and morbidity in premature twins born at 25~34 gestational weeks: A retrospective multicenter study.** Eur J Obstet Gynecol Reprod Biol. 2020 Aug 23;253:259-265. doi: 10.1016/j.ejogrb.2020.08.003. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32898771/>
54. Konki M, Lindgren N, Kyläniemi M, Venho R, Laajala E, Ghimire B, Lahesmaa R, Kaprio J, Rinne JO, Lund RJ. **Plasma cell-free DNA methylation marks for episodic memory impairment: a pilot twin study.** Sci Rep. 2020 Aug 25;10(1):14192. doi: 10.1038/s41598-020-71239-9. <https://pubmed.ncbi.nlm.nih.gov/32843700/>
55. Kooblall KG, Boon H, Cranston T, Stevenson M, Pagnamenta AT, Rogers A, Grozinsky-Glasberg S, Richardson T, Flanagan DEH, Boardman-Pretty F, Taylor JC, Lines KE, Thakker RV. **Multiple endocrine neoplasia type 1 (MEN1) 5' UTR deletion, in MEN1 family, decreases menin expression.** J Bone Miner Res. 2020 Aug 11. doi: 10.1002/jbmr.4156. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32780883/>
56. Kose E, Besci O, Gudeloglu E, Suncak S, Oymak Y, Ozen S, Isguder R. **Transcobalamin II deficiency in twins with a novel variant in the TCN2 gene: case report and review of literature.** J Pediatr Endocrinol Metab. 2020 Aug 25://jpem.ahead-of-print/jpem-2020-0096/jpem-2020-0096.xml. doi: 10.1515/jpem-2020-0096. <https://pubmed.ncbi.nlm.nih.gov/32841161/>



-
57. Landau YE, Heimer G, Barel O, Shalva N, Marek-Yagel D, Veber A, Javasky E, Shilon A, Nissenkorn A, Ben-Zeev B, Anikster Y. **Four patients with D-bifunctional protein (DBP) deficiency: Expanding the phenotypic spectrum of a highly variable disease.** Mol Genet Metab Rep. 2020 Aug 15;25:100631. doi: 10.1016/j.ymgmr.2020.100631. eCollection 2020 Dec.
<https://pubmed.ncbi.nlm.nih.gov/32904102/>
58. Lemvig CK, Brouwer RM, Pantelis C, Jensen MH, Hilker RW, Legind CS, Anhøj SJ, Robbins TW, Sahakian BJ, Glenthøj BY, Fagerlund B. **Heritability of specific cognitive functions and associations with schizophrenia spectrum disorders using CANTAB: a nation-wide twin study.** Psychol Med. 2020 Aug 11:1-14. doi: 10.1017/S0033291720002858. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32779562/>
59. Lewandowski KC, Biesiada L, Grzesiak M, Sakowicz A. **C-Peptide and leptin system in dichorionic, small and appropriate for gestational age twins-possible link to metabolic programming?.** Nutr Diabetes. 2020 Aug 10;10(1):29. doi: 10.1038/s41387-020-00131-2.
<https://pubmed.ncbi.nlm.nih.gov/32778645/>
60. Lewandowski KC, Biesiada L, Grzesiak M, Sakowicz A. **Correction: C-Peptide and leptin system in dichorionic, small and appropriate for gestational age twins-possible link to metabolic programming?.** Nutr Diabetes. 2020 Aug 24;10(1):32. doi: 10.1038/s41387-020-00135-y.
<https://pubmed.ncbi.nlm.nih.gov/32839426/>
61. Lopez-Escamez JA, Amanat S. **Heritability and Genetics Contribution to Tinnitus.** Otolaryngol Clin North Am. 2020 Aug;53(4):501-513. doi: 10.1016/j.otc.2020.03.003. Epub 2020 Apr 23.
<https://pubmed.ncbi.nlm.nih.gov/32334875/>
62. Mallari RJ, Thakur JD, Griffiths C, Krauss H, Eisenberg A, Barkhoudarian G, Kelly DF. **Tuberculum Sellae Meningiomas in Pregnancy: 3 Cases Treated in the Second Trimester and Literature Review.** World Neurosurg. 2020 Aug 3;143:268-275. doi: 10.1016/j.wneu.2020.07.198. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32758650/>
63. Mansfield JT, Bennett M. **Scheuermann Disease.** 2020 Aug 15. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan–.
<https://pubmed.ncbi.nlm.nih.gov/29763141/>
64. McPherson E, Korlesky C, Hebring S. **Cardiac Anomalies in Liveborn and Stillborn Monozygotic Twins.** Clin Med Res. 2020 Aug;18(2-3):58-67. doi: 10.3121/cm.2019.1478. Epub 2020 Jan 20.
<https://pubmed.ncbi.nlm.nih.gov/31959670/>



-
65. Menzies R, Li ALK, Melamed N, Shah PS, Horn D, Barrett J, Murphy KE. **Risk of singleton preterm birth after prior twin preterm birth: a systematic review and meta-analysis.** Am J Obstet Gynecol. 2020 Aug;223(2):204.e1-204.e8. doi: 10.1016/j.ajog.2020.02.003. Epub 2020 Feb 14.
<https://pubmed.ncbi.nlm.nih.gov/32067966/>
66. Mok SL, Lo TK. **Long term outcome of second twins born to mothers who attempted vaginal delivery a retrospective study.** Eur J Obstet Gynecol Reprod Biol. 2020 Aug 29;254:1-5. doi: 10.1016/j.ejogrb.2020.08.049. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32896679/>
67. Mönkediek B, Schulz W, Eichhorn H, Diewald M. **Is there something special about twin families? A comparison of parenting styles in twin and non-twin families.** Soc Sci Res. 2020 Aug;90:102441. doi: 10.1016/j.ssresearch.2020.102441. Epub 2020 Jul 12.
<https://pubmed.ncbi.nlm.nih.gov/32825925/>
68. Morsing E, Brodzki J, Thuring A, Maršál K. **Infant outcome after active management of early-onset fetal growth restriction with absent or reverse umbilical artery blood flow.** Ultrasound Obstet Gynecol. 2020 Aug 30. doi: 10.1002/uog.23101. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32862450/>
69. Mostafa T, Abdel-Hamid IA, Taymour M, Ali OI. **Gene Variants in Premature Ejaculation: Systematic Review and Future Directions.** Sex Med Rev. 2020 Aug 13:S2050-0521(20)30071-8. doi: 10.1016/j.sxmr.2020.07.002. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32800770/>
70. Ness-Jensen E, Santoni G, Gottlieb-Vedi E, Lindam A, Pedersen N, Lagergren J. **Mortality in gastro-oesophageal reflux disease in a population-based nationwide cohort study of Swedish twins.** BMJ Open. 2020 Aug 6;10(8):e037456. doi: 10.1136/bmjopen-2020-037456.
<https://pubmed.ncbi.nlm.nih.gov/32764086/>
71. Ng C, Wais M, Nichols T, Garrow S, Hreinsson J, Luo ZC, Chan C. **Assisted hatching of vitrified-warmed blastocysts prior to embryo transfer does not improve pregnancy outcomes.** J Ovarian Res. 2020 Aug 4;13(1):88. doi: 10.1186/s13048-020-00692-x.
<https://pubmed.ncbi.nlm.nih.gov/32753045/>
72. Nikoupour H, Arasteh P, Gholami S, Nikeghbalian S. **Liver transplantation and COVID-19: a case report and cross comparison between two identical twins with COVID-19.** BMC Surg. 2020 Aug 8;20(1):181. doi: 10.1186/s12893-020-00837-1.
<https://pubmed.ncbi.nlm.nih.gov/32770973/>



73. Paketci C, Edem P, Hiz S, Sonmezler E, Soydemir D, Sarikaya Uzan G, Oktay Y, O'Heir E, Beltran S, Laurie S, Töpf A, Lochmuller H, Horvath R, Yis U. **Successful treatment of intractable epilepsy with ketogenic diet therapy in twins with ALG3-CDG.** Brain Dev. 2020 Aug;42(7):539-545. doi: 10.1016/j.braindev.2020.04.008. Epub 2020 May 7. <https://pubmed.ncbi.nlm.nih.gov/32389449/>
74. Pataki G, Hudák I, Valálik I, Czeibert K, Csapody M, Jósvai A, Fekete A, Kalam A, Imam H, Hasan M, Salek AA, Islam S, Csókay A. **Successful multistaged operative separation of 3-year-old craniopagus twins in a multidisciplinary, international collaboration.** Surgery. 2020 Aug;168(2):226-230. doi: 10.1016/j.surg.2020.04.025. Epub 2020 Jun 2. <https://pubmed.ncbi.nlm.nih.gov/32507299/>
75. Pavone P, Pappalardo XG, Incorpora G, Falsaperla R, Marino SD, Corsello G, Parano E, Ruggieri M. **Long-term follow-up and novel genotype-phenotype analysis of monozygotic twins with ATP1A3 mutation in Alternating Hemiplegia of Childhood-2.** Eur J Med Genet. 2020 Aug;63(8):103957. doi: 10.1016/j.ejmg.2020.103957. Epub 2020 May 23. <https://pubmed.ncbi.nlm.nih.gov/32454213/>
76. Perra O, Rankin J, Platt MJ, Sellier E, Arnaud C, De La Cruz J, Krägeloh-Mann I, Sweet DG, Bjellmo S. **Decreasing cerebral palsy prevalence in multiple births in the modern era: a population cohort study of European data.** Arch Dis Child Fetal Neonatal Ed. 2020 Aug 26:fetalneonatal-2020-318950. doi: 10.1136/archdischild-2020-318950. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32847831/>
77. Petersen SH, Bergh C, Gissler M, Åsvold BO, Romundstad LB, Tiitinen A, Spangmose AL, Pinborg A, Wennerholm UB, Henningsen AA, Opdahl S. **Time trends in placenta-mediated pregnancy complications after assisted reproductive technology in the Nordic countries.** Am J Obstet Gynecol. 2020 Aug;223(2):226.e1-226.e19. doi: 10.1016/j.ajog.2020.02.030. Epub 2020 Feb 25. <https://pubmed.ncbi.nlm.nih.gov/32109461/>
78. Phan JM, Van Hulle CA, Shirtcliff EA, Schmidt NL, Goldsmith HH. **Longitudinal effects of family psychopathology and stress on pubertal maturation and hormone coupling in adolescent twins.** Dev Psychobiol. 2020 Aug 30. doi: 10.1002/dev.22028. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32862448/>
79. Playford R. **The Mathematics (and Metaphysics) of Identical Twins.** Linacre Q. 2020 Aug;87(3):278-291. doi: 10.1177/0024363920920396. Epub 2020 May 12. <https://pubmed.ncbi.nlm.nih.gov/32699438/>



-
80. Quadir A, Peacock K, Hsu P, Singh-Grewal D, Alexander S. **A familial case of Kikuchi-Fujimoto disease in dizygotic twins.** *Pediatr Rheumatol Online J.* 2020 Aug 10;18(1):62. doi: 10.1186/s12969-020-00457-2.
<https://pubmed.ncbi.nlm.nih.gov/32778173/>
81. Quinn PD, Fine KL, Rickert ME, Suján AC, Boersma K, Chang Z, Franck J, Lichtenstein P, Larsson H, D'Onofrio BM. **Association of Opioid Prescription Initiation During Adolescence and Young Adulthood With Subsequent Substance-Related Morbidity.** *JAMA Pediatr.* 2020 Aug 10:e202539. doi: 10.1001/jamapediatrics.2020.2539. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32797146/>
82. Rahimi-Levene N, Chezár J, Yahalom V; Israeli HDFN Study Group Investigators. **Red blood cell alloimmunization prevalence and hemolytic disease of the fetus and newborn in Israel: A retrospective study.** *Transfusion.* 2020 Aug 8. doi: 10.1111/trf.15987. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32770778/>
83. Ražem K, Bombač L, Tul N, Blickstein I. **Neonatal morbidity and mortality among growth-discordant dichorionic twins, classified according to birth weight of the smaller twin: a population-based cohort study.** *J Matern Fetal Neonatal Med.* 2020 Aug;33(15):2608-2611. doi: 10.1080/14767058.2018.1555812. Epub 2018 Dec 26.
<https://pubmed.ncbi.nlm.nih.gov/30513036/>
84. Rinné S, Ortiz-Bonnin B, Stallmeyer B, Kiper AK, Fortmüller L, Schindler RFR, Herbort-Brand U, Kabir NS, Dittmann S, Friedrich C, Zumhagen S, Gualandi F, Selvatici R, Rapezzi C, Arbustini E, Ferlini A, Fabritz L, Schulze-Bahr E, Brand T, Decher N. **POPDC2 a novel susceptibility gene for conduction disorders.** *J Mol Cell Cardiol.* 2020 Aug;145:74-83. doi: 10.1016/j.yjmcc.2020.06.005. Epub 2020 Jun 11.
<https://pubmed.ncbi.nlm.nih.gov/32535041/>
85. Roberson-Nay R, Lapato DM, Wolen AR, Lancaster EE, Webb BT, Verhulst B, Hettema JM, York TP. **An epigenome-wide association study of early-onset major depression in monozygotic twins.** *Transl Psychiatry.* 2020 Aug 25;10(1):301. doi: 10.1038/s41398-020-00984-2.
<https://pubmed.ncbi.nlm.nih.gov/32843619/>
86. Ross LF. **Ethical Issues Raised by the Media Portrayal of Adolescent Transplant Refusals.** *Pediatrics.* 2020 Aug;146(Suppl 1):S33-S41. doi: 10.1542/peds.2020-0818H.
<https://pubmed.ncbi.nlm.nih.gov/32737230/>



-
87. Ryu BH, Baek EH, Kim DH, Kim SE, Kim HJ, Cho OH, Hong SI, Do HJ, Park CH. **Preterm twins from the mother with miliary tuberculosis: Importance of early recognition and prompt response in infection control to manage congenital tuberculosis exposure in a neonatal intensive care unit.** Jpn J Infect Dis. 2020 Aug 1. doi: 10.7883/yoken.JJID.2020.183.
<https://pubmed.ncbi.nlm.nih.gov/32741929/>
88. Samek DR, Hicks BM, Iacono WG, McGue M. **Personality, romantic relationships, and alcohol use disorder symptoms in adolescence and young adulthood: An evaluation of personality × social context interplay.** Dev Psychopathol. 2020 Aug;32(3):1097-1112. doi: 10.1017/S0954579419001111.
<https://pubmed.ncbi.nlm.nih.gov/31452479/>
89. Santana LG, Flores-Mir C, Iglesias-Linares A, Pithon MM, Marques LS. **Influence of heritability on occlusal traits: a systematic review of studies in twins.** Prog Orthod. 2020 Aug 31;21(1):29. doi: 10.1186/s40510-020-00330-8.
<https://pubmed.ncbi.nlm.nih.gov/32864724/>
90. Sawada T, Chater TE, Sasagawa Y, Yoshimura M, Fujimori-Tonou N, Tanaka K, Benjamin KJM, Paquola ACM, Erwin JA, Goda Y, Nikaido I, Kato T. **Developmental excitation-inhibition imbalance underlying psychoses revealed by single-cell analyses of discordant twins-derived cerebral organoids.** Mol Psychiatry. 2020 Aug 7. doi: 10.1038/s41380-020-0844-z. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32764691/>
91. Schermer JA, Colodro-Conde L, Grasby KL, Hickie IB, Burns J, Ligthart L, Willemsen G, Trull TJ, Martin NG, Boomsma DI. **Genetic and Environmental Causes of Individual Differences in Borderline Personality Disorder Features and Loneliness are Partially Shared.** Twin Res Hum Genet. 2020 Aug;23(4):214-220. doi: 10.1017/thg.2020.62.
<https://pubmed.ncbi.nlm.nih.gov/32885774/>
92. Schlösser TPC, Simony A, Gerdhem P, Andersen MØ, Castelein RM, Kempen DHR. **The heritability of coronal and sagittal phenotype in idiopathic scoliosis: a report of 12 monozygotic twin pairs.** Spine Deform. 2020 Aug 6. doi: 10.1007/s43390-020-00172-8.
<https://pubmed.ncbi.nlm.nih.gov/32761476/>
93. Schwartz DA, Mohagheghi P, Beigi B, Zafaranloo N, Moshfegh F, Yazdani A. **Spectrum of neonatal COVID-19 in Iran: 19 infants with SARS-CoV-2 perinatal infections with varying test results, clinical findings and outcomes.** J Matern Fetal Neonatal Med. 2020 Aug 12:1-10. doi: 10.1080/14767058.2020.1797672. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32783494/>



94. Sebghati M, Khalil A. **Reduction of multiple pregnancy: Counselling and techniques.** Best Pract Res Clin Obstet Gynaecol. 2020 Aug 6:S1521-6934(20)30124-3. doi: 10.1016/j.bpobgyn.2020.06.013. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32859535/>
95. Segal NL. **COVID-19: Twin Research in Progress/Twin Research Reviews: Asthmatic and Nonasthmatic Twins; Stanford University Study of Anal Prints; Twin Mammals and COVID-19; Twin Delivery and the Three 'Rs'/Mixed Media: The Rainman Twins - The Film; Twins Irish Pub;.** Twin Res Hum Genet. 2020 Aug;23(4):259-263. doi: 10.1017/thg.2020.59. Epub 2020 Aug 3.
<https://pubmed.ncbi.nlm.nih.gov/32744204/>
96. Souza JF, Lubov R, Paiva CJF, Tavora NFC, Santos RR, Figueiredo JR. **Managing embryonic and calves losses after twin pregnancies induced by transfer of in vitro-produced Nellore embryos.** Zygote. 2020 Aug;28(4):333-336. doi: 10.1017/S0967199419000790. Epub 2020 Apr 29.
<https://pubmed.ncbi.nlm.nih.gov/32345381/>
97. Taher HMA, Abdellatif M, Wishahy AMK, Waheeb S, Saadeldin Y, Kaddah S, Abdulsattar AH, Osman MA, El Tagy GH, Elbarbary MM, Khairi A, Tawfik S, Anis S, Anis E, Farouk M, Abdelfattah AH, Muensterer OJ. **Fetus in Fetu: Lessons Learned from a Large Multicenter Cohort Study.** Eur J Pediatr Surg. 2020 Aug;30(4):343-349. doi: 10.1055/s-0039-1698765. Epub 2019 Nov 26.
<https://pubmed.ncbi.nlm.nih.gov/31770783/>
98. Talia C, Raja EA, Bhattacharya S, Fowler PA. **Corrigendum. Testing the twin testosterone transfer hypothesis-intergenerational analysis of 317 dizygotic twins born in Aberdeen, Scotland.** Hum Reprod. 2020 Aug 14:deaa189. doi: 10.1093/humrep/deaa189. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32797234/>
99. Thomas HJ, Marsh CE, Maslen BA, Scurrah KJ, Naylor LH, Green DJ. **Studies of Twin Responses to Understand Exercise Therapy (STRUETH): Body Composition.** Med Sci Sports Exerc. 2020 Aug 21. doi: 10.1249/MSS.0000000000002461
<https://pubmed.ncbi.nlm.nih.gov/32826634/>
100. Tuncer SB, Erdogan OS, Erciyas SK, Saral MA, Celik B, Odemis DA, Turkcan GK, Yazici H. **miRNA expression profile changes in the peripheral blood of monozygotic discordant twins for epithelial ovarian carcinoma: potential new biomarkers for early diagnosis and prognosis of ovarian carcinoma.** J Ovarian Res. 2020 Aug 27;13(1):99. doi: 10.1186/s13048-020-00706-8.
<https://pubmed.ncbi.nlm.nih.gov/32854743/>



-
101. van der Meulen M, Wierenga LM, Achterberg M, Drenth N, van IJzendoorn MH, Crone EA. **Genetic and environmental influences on structure of the social brain in childhood.** Dev Cogn Neurosci. 2020 Aug;44:100782. doi: 10.1016/j.dcn.2020.100782. Epub 2020 May 5.
<https://pubmed.ncbi.nlm.nih.gov/32716847/>
102. Vink JM, van Hooijdonk KJM, Willemsen G, Feskens EJM, Boomsma DI. **Causes of Variation in Food Preference in the Netherlands.** Twin Res Hum Genet. 2020 Aug;23(4):195-203. doi: 10.1017/thg.2020.66.
<https://pubmed.ncbi.nlm.nih.gov/32885771/>
103. Wang M, Mather L, Svedberg P, Mittendorfer-Rutz E. **Suicide attempt following sickness absence and disability pension due to common mental disorders: a prospective Swedish twin study.** Soc Psychiatry Psychiatr Epidemiol. 2020 Aug;55(8):1053-1060. doi: 10.1007/s00127-019-01803-w. Epub 2019 Nov 20.
<https://pubmed.ncbi.nlm.nih.gov/31748874/>
104. Wang M, Ropponen A, Narusyte J, Helgadóttir B, Bergström G, Blom V, Svedberg P. **Adverse outcomes of chronic widespread pain and common mental disorders in individuals with sickness absence - a prospective study of Swedish twins.** BMC Public Health. 2020 Aug 27;20(1):1301. doi: 10.1186/s12889-020-09407-9.
<https://pubmed.ncbi.nlm.nih.gov/32854684/>
105. Wemhoff MP, Swong K, Li D, Mugve N, Gramlich LA, Nockels RP. **Surgical management of atlantoaxial dislocation and cervical spinal cord injury in craniopagus twins.** J Neurosurg Spine. 2020 Aug 28:1-6. doi: 10.3171/2020.5.SPINE20537. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/32858518/>
106. Xu T, Wang X, Yu H, Zhao F. **Twin pregnancy complicated with congenital Hemivertebra: report of two cases and literature review.** BMC Pregnancy Childbirth. 2020 Aug 20;20(1):479. doi: 10.1186/s12884-020-03177-3.
<https://pubmed.ncbi.nlm.nih.gov/32819302/>
107. Xu X, Zhan J. **Biliary atresia in twins: a systematic review and meta-analysis.** Pediatr Surg Int. 2020 Aug;36(8):953-958. doi: 10.1007/s00383-020-04690-4. Epub 2020 Jun 5.
<https://pubmed.ncbi.nlm.nih.gov/32504124/>
108. Zhang Y, Zheng D, Fang Q, Zhong M. **Aberrant hydroxymethylation of ANGPTL4 is associated with selective intrauterine growth restriction in monozygotic twin pregnancies.** Epigenetics. 2020 Aug;15(8):887-899. doi: 10.1080/15592294.2020.1737355. Epub 2020 Mar 5.
<https://pubmed.ncbi.nlm.nih.gov/32114885/>



109. Zhou K, Huang L, Feng M, Li X, Zhao Y, Liu F, Wei J, Qin D, Lu Q, Shi M, Qu S, Tang F. **A novel SLC26A4 splicing mutation identified in two deaf Chinese twin sisters with enlarged vestibular aqueducts.** Mol Genet Genomic Med. 2020 Aug 7:e1447. doi: 10.1002/mgg3.1447. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/32770655/>