



Twin Research Publications Oktober 2022

1. Agnew-Blais JC, Wertz J, Arseneault L, Belsky DW, Danese A, Pingault JB, Polanczyk GV, Sugden K, Williams B, Moffitt TE. **Mother's and children's ADHD genetic risk, household chaos and children's ADHD symptoms: A gene-environment correlation study.** J Child Psychol Psychiatry. 2022 Oct;63(10):1153-1163. doi: 10.1111/jcpp.13659. Epub 2022 Jul 14.
<https://pubmed.ncbi.nlm.nih.gov/35833717/>
2. Alexander JD, Zhou Y, Freis SM, Friedman NP, Vrieze SI. **Individual differences in adolescent and young adult daily mobility patterns and their relationships to big five personality traits: a behavioral genetic analysis.** J Res Pers. 2022 Oct;100:104277. doi: 10.1016/j.jrp.2022.104277. Epub 2022 Jul 29.
<https://pubmed.ncbi.nlm.nih.gov/35991708/>
3. Alijanpourotagsara A, Strelnikov D, Piroška M, Szalontai L, Forgo B, Jokkel Z, Persely A, Hernyes A, Kozak LR, Szabo A, Maurovich-Horvat P, Tarnoki AD, Tarnoki DL. **Genetic and Environmental Effects on the Development of White Matter Hyperintensities in a Middle Age Twin Population.** Medicina (Kaunas). 2022 Oct 10;58(10):1425. doi: 10.3390/medicina58101425.
<https://pubmed.ncbi.nlm.nih.gov/36295585/>
4. Allen CP, McLernon DJ, Bhattacharya S, Maheshwari A. **Perinatal outcomes of 221,709 singleton and twin pregnancies after the use of donor versus partner sperm.** Fertil Steril. 2022 Nov;118(5):948-958. doi: 10.1016/j.fertnstert.2022.08.015. Epub 2022 Oct 2.
<https://pubmed.ncbi.nlm.nih.gov/36198511/>
5. Amyx M, Korb D, Zeitlin J, Schmitz T, Le Ray C. **Gestational weight gain adequacy among twin pregnancies in France.** Matern Child Nutr. 2022 Oct 12:e13436. doi: 10.1111/mcn.13436. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36222213/>
6. Anderson JN, Deter RL, Datoc IA, Mack L, Gandhi M, Lee W, Blumenfeld YJ. **Second-trimester growth velocities in twin and singleton pregnancies.** Ultrasound Obstet Gynecol. 2022 Oct 23. doi: 10.1002/uog.26102. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36273412/>
7. Anh ND, Thu Ha NT, Sim NT, Toan NK, Thuong PH, Duc NM. **Twin reversed arterial perfusion sequence-a rare and dangerous complication form of monozygotic twins: A case report.** World J Clin Cases. 2022 Oct 6;10(28):10214-10219. doi: 10.12998/wjcc.v10.i28.10214.
<https://pubmed.ncbi.nlm.nih.gov/36246815/>



8. Aouad P, Bui M, Sarraf S, Donnelly T, Chen Y, Jaaniste T, Eden J, Champion GD. **Primary dysmenorrhoea in adolescents and young women: A twin family study of maternal transmission, genetic influence and associations.** Aust N Z J Obstet Gynaecol. 2022 Oct;62(5):725-731. doi: 10.1111/ajo.13560. Epub 2022 Jun 27.
<https://pubmed.ncbi.nlm.nih.gov/35754341/>
9. Avinun R, Knafo-Noam A, Israel S. **The general psychopathology factor from early to middle childhood: Longitudinal genetic and risk analyses.** J Psychopathol Clin Sci. 2022 Oct;131(7):705-715. doi: 10.1037/abn0000780.
<https://pubmed.ncbi.nlm.nih.gov/36222626/>
10. Azzolini F, Berentsen GD, Skaug HJ, Hjelmberg JVB, Kaprio JA. **The heritability of BMI varies across the range of BMI-a heritability curve analysis in a twin cohort.** Int J Obes (Lond). 2022 Oct;46(10):1786-1791. doi: 10.1038/s41366-022-01172-6. Epub 2022 Jul 11.
<https://pubmed.ncbi.nlm.nih.gov/35817850/>
11. Blanchett R, Chen Y, Aguade F, Xia K, Cornea E, Burt SA, de Los Campos G, Gao W, Gilmore JH, Knickmeyer RC. **Genetic and environmental factors influencing neonatal resting-state functional connectivity.** Cereb Cortex. 2022 Oct 3:bhac383. doi: 10.1093/cercor/bhac383. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36190430/>
12. Bolliri C, Fontana A, Cereda E, Barichella M, Cilia R, Ferri V, Caronni S, Calandrella D, Morelli L, Pezzoli G. **Gut Microbiota in Monozygotic Twins Discordant for Parkinson's Disease.** Ann Neurol. 2022 Oct;92(4):631-636. doi: 10.1002/ana.26454. Epub 2022 Aug 4.
<https://pubmed.ncbi.nlm.nih.gov/35852145/>
13. Borse V, Shanks AL. **Twin-To-Twin Transfusion Syndrome.** 2022 Oct 10. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-.
<https://pubmed.ncbi.nlm.nih.gov/33085280/>
14. Cai J, Wan Q. **A workflow pipeline to distinguish the ambiguous umbilical cord bloods of boy-girl twins.** Hum Cell. 2022 Oct 14. doi: 10.1007/s13577-022-00803-4. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36239915/>
15. Calais-Ferreira L, Barreto ME, Mendonça E, Dite GS, Hickey M, Ferreira PH, Scurrah KJ, Hopper JL. **Birthweight, gestational age and familial confounding in sex differences in infant mortality: a matched co-twin control study of Brazilian male-female twin pairs identified by population data linkage.** Int J Epidemiol. 2022 Oct 13;51(5):1502-1510. doi: 10.1093/ije/dyab242.
<https://pubmed.ncbi.nlm.nih.gov/34849953/>



16. Cantave CY, Brendgen M, Lupien S, Dionne G, Vitaro F, Boivin M, Ouellet-Morin I. **Association between the timing of family socioeconomic deprivation and adolescence hair cortisol among adolescent twins: A study of the genetic and environmental processes involved.** Psychoneuroendocrinology. 2022 Oct;144:105889. doi: 10.1016/j.psyneuen.2022.105889. Epub 2022 Jul 30.
<https://pubmed.ncbi.nlm.nih.gov/35944454/>
17. Che R, Wang C, Huang S, Zheng B, Li H, Cheng X, Zhao F, Ding G, Jia Z, Zhang A. **The identification of a novel CCNQ gene tail extension variant contributing to STAR Syndrome.** Clin Genet. 2022 Oct 25. doi: 10.1111/cge.14255. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36284407/>
18. Chen Y, Sun L, Hua X, Li M, Yu S, Zhang J. **Defining intertwin birth weight discordance and optimal delivery time in dichorionic twins: a retrospective cohort study.** J Matern Fetal Neonatal Med. 2022 Oct;35(20):3915-3922. doi: 10.1080/14767058.2020.1843627. Epub 2020 Nov 29.
<https://pubmed.ncbi.nlm.nih.gov/33249949/>
19. Choi HG, Kim SY, Lim H, Kim JH, Kim JH, Cho SJ, Nam ES, Min KW, Park HY, Kim NY, Hong S, Choi Y, Kang HS, Kwon MJ. **Comparison of Concordance of Peptic Ulcer Disease, Non-Adenomatous Intestinal Polyp, and Gallstone Disease in Korean Monozygotic and Dizygotic Twins: A Cross-Sectional Study.** Int J Environ Res Public Health. 2022 Oct 4;19(19):12708. doi: 10.3390/ijerph191912708.
<https://pubmed.ncbi.nlm.nih.gov/36232007/>
20. Comim FV, Premaor MO. **Understanding the epigenetic factors on adiponectin.** J Clin Endocrinol Metab. 2022 Oct 19;dgac593. doi: 10.1210/clinem/dgac593. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36259568/>
21. Coomans EM, Tomassen J, Ossenkuppele R, Golla SSV, den Hollander M, Collij LE, Weltings E, van der Landen SM, Wolters EE, Windhorst AD, Barkhof F, de Geus EJC, Scheltens P, Visser PJ, van Berckel BNM, den Braber A. **Genetically identical twins show comparable tau PET load and spatial distribution.** Brain. 2022 Oct 21;145(10):3571-3581. doi: 10.1093/brain/awac004.
<https://pubmed.ncbi.nlm.nih.gov/35022652/>
22. Couck I, van der Merwe J, Russo F, Richter J, Aertsen M, Cauwberghs B, Van Aelst M, Lewi L. **Umbilical venous diameter and flow in monochorionic diamniotic twin pregnancy: association with placental sharing and fetal demise.** Ultrasound Obstet Gynecol. 2022 Oct;60(4):514-522. doi: 10.1002/uog.24903.
<https://pubmed.ncbi.nlm.nih.gov/35316571/>



23. Cramer A, Barfod KW, Hölmich P, Pedersen DA, Christensen K. **Genetic contribution to the etiology of Achilles tendon rupture. A Danish nationwide register study of twins.** Foot Ankle Surg. 2022 Oct;28(7):1050-1054. doi: 10.1016/j.fas.2022.02.015. Epub 2022 Feb 25.
<https://pubmed.ncbi.nlm.nih.gov/35227591/>
24. Cruz JJ, Bernardeco J, Cohen A, Serrano F. **Hepatic arterial buffer response in monozygotic diamniotic pregnancies with twin-to-twin transfusion syndrome.** J Perinat Med. 2022 Oct 24. doi: 10.1515/jpm-2022-0322. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36279268/>
25. D'Angelo E, Jirsa V. **The quest for multiscale brain modeling.** Trends Neurosci. 2022 Oct;45(10):777-790. doi: 10.1016/j.tins.2022.06.007. Epub 2022 Jul 27.
<https://pubmed.ncbi.nlm.nih.gov/35906100/>
26. Davidow K, Mumanachit S, Mangum DS. **The two-hit hypothesis in practice: Monozygotic twins with simultaneous hyperdiploid acute lymphoblastic leukemia.** Pediatr Blood Cancer. 2022 Oct;69(10):e29885. doi: 10.1002/pbc.29885. Epub 2022 Jul 20.
<https://pubmed.ncbi.nlm.nih.gov/35856567/>
27. Davis CN, Gizer IR, Colodro-Conde L, Statham DJ, Martin NG, Slutske WS. **Educational Attainment Polygenic Scores: Examining Evidence for Gene-Environment Interplay with Adolescent Alcohol, Tobacco and Cannabis Use.** Twin Res Hum Genet. 2022 Oct 3:1-9. doi: 10.1017/thg.2022.33. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36189823/>
28. Day K, McCubbin AJ, Murgia C, Southey MC, Brown J, Truby H. **Transcriptomic Differences Between Monozygotic Adolescent Twins Discordant For Metabolic Syndrome Following Weight Loss: A Case Study.** Twin Res Hum Genet. 2022 Oct 27:1-6. doi: 10.1017/thg.2022.34. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36289562/>
29. Eleftheriades A, Christopoulos P, Tsapakis E, Tsarna E, Vlahos NF, Kalampokas E, Bolla D, Eleftheriades M. **Conjoined Twins Complicating a Dichorionic Triplet Pregnancy after Intracytoplasmic Sperm Injection: A Case Report and Review of the Literature.** Children (Basel). 2022 Oct 12;9(10):1549. doi: 10.3390/children9101549.
<https://pubmed.ncbi.nlm.nih.gov/36291485/>
30. Faiola S, Casati D, Nelva Stellio L, Laoreti A, Corti C, Mannarino S, Lanna M, Cetin I. **Congenital heart defects in monozygotic twins complicated by selective fetal growth restriction.** Ultrasound Obstet Gynecol. 2022 Oct 23. doi: 10.1002/uog.26098. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36273402/>



31. Feldmann D, Bope CD, Patricios J, Chimusa ER, Collins M, September AV. **A whole genome sequencing approach to anterior cruciate ligament rupture-a twin study in two unrelated families.** PLoS One. 2022 Oct 6;17(10):e0274354. doi: 10.1371/journal.pone.0274354. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36201451/>
32. Gagnon E, Boivin M, Mimeau C, Feng B, Morneau-Vaillancourt G, Aubé S, Brendgen M, Vitaro F, Dionne G. **The Intensity of Formal Child-Care Attendance Decreases the Shared Environment Contribution to School Readiness: A Twin Study.** Child Psychiatry Hum Dev. 2022 Oct 21. doi: 10.1007/s10578-022-01440-6. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36269520/>
33. Gibbone E, Campos RV, Calero AJ, Lucena PC, Molina Garcia FS. **Perinatal and long-term outcome of endoscopic laser surgery for twin-twin transfusion syndrome with and without selective fetal growth restriction: A retrospective cohort study.** Prenat Diagn. 2022 Oct;42(11):1438-1447. doi: 10.1002/pd.6231. Epub 2022 Sep 8.
<https://pubmed.ncbi.nlm.nih.gov/36050925/>
34. Goldsmith HH, Hilton EC, Phan JM, Sarkisian KL, Carroll IC, Lemery-Chalfant K, Planalp EM. **Childhood inhibition predicts adolescent social anxiety: Findings from a longitudinal twin study.** Dev Psychopathol. 2022 Oct 14:1-20. doi: 10.1017/S0954579422000864. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36229958/>
35. Hailu SS, Solomon DZ, Gebremedhin YG, Nour AS. **Dorsolumbar parasitic twin associated with lipomyelomeningocele: a case report from a tertiary teaching hospital, Ethiopia, East Africa.** Radiol Case Rep. 2022 Aug 8;17(10):3820-3824. doi: 10.1016/j.radcr.2022.07.079. eCollection 2022 Oct.
<https://pubmed.ncbi.nlm.nih.gov/35965936/>
36. Hedley PL, Baekvad-Hansen M, Hedermann G, Hjalgrim H, Hougaard DM, Melbye M, Breindahl M, Krebs L, Hviid A, Lausten-Thomsen U, Christiansen M. **Preterm birth rates among twins during the Danish COVID-19 lockdown and when restrictions were relaxed.** Acta Paediatr. 2022 Oct 27. doi: 10.1111/apa.16583. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36301145/>
37. Ishihara T, Miyazaki A, Tanaka H, Matsuda T. **Association of Cardiovascular Risk Markers and Fitness with Task-Related Neural Activity during Animacy Perception.** Med Sci Sports Exerc. 2022 Oct 1;54(10):1738-1750. doi: 10.1249/MSS.0000000000002963. Epub 2022 Jun 11.
<https://pubmed.ncbi.nlm.nih.gov/35666157/>



38. Jordan BK, Bernard L, Segel S, Go MD, Schilling D, McEvoy CT. **Premature monochorionic monoamniotic twins have lower lung compliance at birth than matched dichorionic diamniotic twins.** J Neonatal Perinatal Med. 2022 Oct 26. doi: 10.3233/NPM-221113. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36314220/>
39. Kajiwara K, Ozawa K, Wada S, Samura O. **Molecular Mechanisms Underlying Twin-to-Twin Transfusion Syndrome.** Cells. 2022 Oct 17;11(20):3268. doi: 10.3390/cells11203268.
<https://pubmed.ncbi.nlm.nih.gov/36291133/>
40. Kang GW, Kim YH, Hong C, Woo S, Sung J, Song YM, Shin JW, Chae HS. **Heritability of maxillary dental cephalometric variables among monozygotic twins, dizygotic twins and their siblings.** Clin Oral Investig. 2022 Oct;26(10):6275-6281. doi: 10.1007/s00784-022-04579-7. Epub 2022 Jun 13.
<https://pubmed.ncbi.nlm.nih.gov/35695936/>
41. Kantaputra PN, Angkurawaranon S, Khwanngern K, Ngamphiw C, Intachai W, Adisornkanj P, Tongsimma S, Olsen B, Sonswan N, Katanyuwong K. **Clinical and Genetic Studies of the First Monozygotic Twins with Pfeiffer Syndrome.** Genes (Basel). 2022 Oct 13;13(10):1850. doi: 10.3390/genes13101850.
<https://pubmed.ncbi.nlm.nih.gov/36292735/>
42. Kendler KS, Klee A. **The Beginnings of Scientific Psychiatric Twin Research: Luxenburger's 1928 "Preliminary Report on the Psychiatric Examination of a Series of Twins".** Schizophr Bull. 2022 Oct 19;48(Suppl 1):S37-S44. doi: 10.1093/schbul/sbac110.
<https://pubmed.ncbi.nlm.nih.gov/36260541/>
43. Khalil A, Prasad S, Cruz-Martínez R. **Atypical twin-twin transfusion syndrome.** Ultrasound Obstet Gynecol. 2022 Oct;60(4):461-469. doi: 10.1002/uog.24899.
<https://pubmed.ncbi.nlm.nih.gov/35304934/>
44. Kobayashi H, Matsushige T, Hoshide M, Hidaka I, Ichiyama T, Kato M, Miya F, Hasegawa S. **Discordant phenotypes in monozygotic twins with STXBP1 mutation: A case report.** Seizure. 2022 Oct;101:8-10. doi: 10.1016/j.seizure.2022.06.019.
<https://pubmed.ncbi.nlm.nih.gov/35841834/>
45. Lecarie EK, Doane LD, Stroud CB, Walter D, Davis MC, Grimm KJ, Lemery-Chalfant K. **Does stress predict the development of internalizing symptoms in middle childhood? An examination of additive, mediated, and moderated effects of early family stress, daily interpersonal stress, and physiological stress.** Dev Psychol. 2022 Oct;58(10):1849-1862. doi: 10.1037/dev0001400. Epub 2022 Jul 11.
<https://pubmed.ncbi.nlm.nih.gov/35816590/>



-
46. Levin G, Yagel S, Schwartz A, Many A, Rosenbloom JI, Yinon Y, Meyer R. **Trial of labor after cesarean in twin gestation with no prior vaginal delivery - evidence from largest cohort reported.** Int J Gynaecol Obstet. 2022 Oct;159(1):229-236. doi: 10.1002/ijgo.14090. Epub 2022 Jan 20.
<https://pubmed.ncbi.nlm.nih.gov/34995363/>
47. Lin D, Fan D, Li P, Chen G, Zhou Z, Rao J, Ye S, Wang L, Feng J, Lu D, Luo C, Liu Z. **Optimal Gestational Weight Gain in Women with Twin Pregnancies and Gestational Diabetes Mellitus: A Population-Based Study in the United States.** Am J Obstet Gynecol MFM. 2022 Oct 7:100766. doi: 10.1016/j.ajogmf.2022.100766. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36216311/>
48. Lin W, Dong Z, Wang K, Wang D, Deng Y, Liao Y, Liu Y, Wan D, Xu B, Wu G. **A Novel Load Balancing Scheme for Satellite IoT Networks Based on Spatial-Temporal Distribution of Users and Advanced Genetic Algorithms.** Sensors (Basel). 2022 Oct 18;22(20):7930. doi: 10.3390/s22207930.
<https://pubmed.ncbi.nlm.nih.gov/36298287/>
49. Luke B, Brown MB, Wantman E, Schymura MJ, Browne ML, Fisher SC, Forestieri NE, Rao C, Nichols HB, Yazdy MM, Gershman ST, Sacha CR, Williams M, Ethen MK, Canfield MA, Doody KJ, Eisenberg ML, Baker VL, Williams C, Sutcliffe AG, Richard MA, Lupo PJ. **The risks of birth defects and childhood cancer with conception by assisted reproductive technology.** Hum Reprod. 2022 Oct 31;37(11):2672-2689. doi: 10.1093/humrep/deac196.
<https://pubmed.ncbi.nlm.nih.gov/36112004/>
50. Lundgren S, Kuitunen S, Pietiläinen KH, Hurme M, Kähönen M, Männistö S, Perola M, Lehtimäki T, Raitakari O, Kaprio J, Ollikainen M. **BMI is positively associated with accelerated epigenetic aging in twin pairs discordant for body mass index.** J Intern Med. 2022 Oct;292(4):627-640. doi: 10.1111/joim.13528. Epub 2022 Jul 8.
<https://pubmed.ncbi.nlm.nih.gov/35699258/>
51. Magnusson K, Turkiewicz A, Haugen IK, Englund M. **The genetic contribution to hand osteoarthritis.** Osteoarthritis Cartilage. 2022 Oct;30(10):1385-1389. doi: 10.1016/j.joca.2022.06.011. Epub 2022 Jul 14.
<https://pubmed.ncbi.nlm.nih.gov/35843480/>
52. Malherbe JAJ, Cole CH. **Double trouble: A case of fraternal twins with iron-refractory iron-deficiency anemia.** Clin Case Rep. 2022 Oct 13;10(10):e6401. doi: 10.1002/ccr3.6401. eCollection 2022 Oct.
<https://pubmed.ncbi.nlm.nih.gov/36254154/>



-
53. Maxwell J, Ronald A, Cardno AG, Breen G, Rimfeld K, Vassos E. **Genetic and Geographical Associations With Six Dimensions of Psychotic Experiences in Adolescence.** Schizophr Bull. 2022 Oct 26;sbac149. doi: 10.1093/schbul/sbac149. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36287640/>
54. Mei H, Deng L, Xie J, Li X, Wu N, Hu L, Huang G, Mo F, Chen D, Xiao H, Yang P. **Co-exposure to phenols and phthalates during pregnancy with the difference of body size in twins at one month old.** Chemosphere. 2022 Oct 25:136991. doi: 10.1016/j.chemosphere.2022.136991. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36306967/>
55. Mengel-From J, Nielsen KE, Clemmensen SB, Feddersen S, Christensen K, Hjelmberg JVB, Tan Q, Nygaard M. **Circulating microRNAs related to lipid metabolism and solid tissue maintenance and morphology associate with mortality in elderly twins.** Exp Gerontol. 2022 Nov;169:111980. doi: 10.1016/j.exger.2022.111980. Epub 2022 Oct 13.
<https://pubmed.ncbi.nlm.nih.gov/36244587/>
56. Menon P, Solanki S, Samujh R, Kakkar N, Bhatia A, Mohanty S, N Rao KL. **External and internal parasitic conjoined twinning: Diverse presentation and different surgical challenges.** Afr J Paediatr Surg. 2022 Oct-Dec;19(4):223-227. doi: 10.4103/ajps.ajps_78_21.
<https://pubmed.ncbi.nlm.nih.gov/36018202/>
57. Mikhail ME, Ackerman LS, Culbert KM, Burt SA, Neale MC, Keel PK, Katzman DK, Klump KL. **A cotwin control study of associations between financial hardship and binge eating phenotypes during COVID-19.** Int J Eat Disord. 2022 Oct 27. doi: 10.1002/eat.23841. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36300949/>
58. Nassr AA, Gessner M, Mostafaei S, Hessami K, Espinoza J, Donepudi RV, Sanz Cortes M, Krispin E, Sun RC, Qaderi S, Turan OM, Mustafa HJ, Harman C, Belfort MA, Shamshirsaz AA. **Perinatal outcomes of twin-to-twin transfusion syndrome associated with evidence of twin anemia polycythemia using different standardized definitions.** Eur J Obstet Gynecol Reprod Biol. 2022 Oct 12;279:45-49. doi: 10.1016/j.ejogrb.2022.10.007. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36244240/>
59. Nickels EM, Li S, Myint SS, Arroyo K, Feng Q, Siegmund KD, de Smith AJ, Wiemels JL. **DNA methylation at birth in monozygotic twins discordant for pediatric acute lymphoblastic leukemia.** Nat Commun. 2022 Oct 14;13(1):6077. doi: 10.1038/s41467-022-33677-z.
<https://pubmed.ncbi.nlm.nih.gov/36241624/>



60. Otamendi-Lopez A, Marengo-Hillebrand LC, De Biase G, Snyman C, Quiñones-Hinojosa A. **Disease characteristics and patterns of familial colloid cyst of the third ventricle: An international survey of the Colloid Cyst Survivors Group.** J Clin Neurosci. 2022 Oct 18;106:49-54. doi: 10.1016/j.jocn.2022.09.018. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36265365/>
61. Pandolfi EC, Hsu FM, Duhon M, Zheng Y, Goldsmith S, Fu J, Silber SJ, Clark AT. **In vitro germ cell induction from fertile and infertile monozygotic twin research participants.** Cell Rep Med. 2022 Oct 18;3(10):100782. doi: 10.1016/j.xcrm.2022.100782. <https://pubmed.ncbi.nlm.nih.gov/36260988/>
62. Peel AJ, Purves KL, Baldwin JR, Breen G, Coleman JRI, Pingault JB, Skelton M, Ter Kuile AR, Danese A, Eley TC. **Genetic and early environmental predictors of adulthood self-reports of trauma.** Br J Psychiatry. 2022 Oct;221(4):613-620. doi: 10.1192/bjp.2021.207. <https://pubmed.ncbi.nlm.nih.gov/35105391/>
63. Podgornik H, Šučurović S, Škerget M, Debeljak M, Zver S. **Acquired somatic variants confirm the independent development of AML in monozygotic twins with germline CEBPA variant.** Leuk Res. 2022 Oct;121:106933. doi: 10.1016/j.leukres.2022.106933. Epub 2022 Aug 23. <https://pubmed.ncbi.nlm.nih.gov/36031690/>
64. Ponce J, Benítez L, Baños N, Goncé A, Bennasar M, Muñoz M, Cobo T, Palacio M. **Latency to delivery in physical examination-indicated cerclage in twins is similar to that in singleton pregnancies.** Int J Gynaecol Obstet. 2022 Oct;159(1):188-194. doi: 10.1002/ijgo.14070. Epub 2021 Dec 26. <https://pubmed.ncbi.nlm.nih.gov/34890050/>
65. Poudel D, Shrestha S, Aryal R, Adhikari A, Bajracharya S. **Thoraco-omphalopagus conjoined twin: A rare case report.** Int J Surg Case Rep. 2022 Oct;99:107683. doi: 10.1016/j.ijscr.2022.107683. Epub 2022 Sep 19. <https://pubmed.ncbi.nlm.nih.gov/36137433/>
66. Princip M, Zuccarella-Hackl C, Langraf-Meister RE, Pazhenkottil A, Cammann VL, Templin C, Ghadri JR, von Känel R. **Psychophysiological Stress Reactivity in Monozygotic Twins with and without Takotsubo Syndrome.** Biomedicines. 2022 Oct 14;10(10):2571. doi: 10.3390/biomedicines10102571. <https://pubmed.ncbi.nlm.nih.gov/36289833/>



67. Raffington L, Malanchini M, Grotzinger AD, Madole JW, Engelhardt LE, Sabhlok A, Youn C, Patterson MW, Harden KP, Tucker-Drob EM. **An in-laboratory stressor reveals unique genetic variation in child cortisol output.** Dev Psychol. 2022 Oct;58(10):1832-1848. doi: 10.1037/dev0001393. Epub 2022 Jun 30.
<https://pubmed.ncbi.nlm.nih.gov/35771497/>
68. Rao MG, Vieira L, Rebarber A, Stone J. **Selective fetal reduction in monochorionic diamniotic twins may be a safe therapeutic alternative to ongoing pregnancy.** Am J Obstet Gynecol MFM. 2022 Oct 8:100768. doi: 10.1016/j.ajogmf.2022.100768. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36220553/>
69. Roberts KE, Beckenkamp PR, Ferreira ML, Duncan GE, Calais-Ferreira L, Gatt JM, Ferreira P. **Positive lifestyle behaviours and emotional health factors are associated with low back pain resilience.** Eur Spine J. 2022 Oct 8. doi: 10.1007/s00586-022-07404-7. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36208321/>
70. Scaravelli G, Pisaturo V, Levi Setti PE, Ubaldi FM, Livi C, Borini A, Greco E, Villani MT, Coccia ME, Revelli A, Ricci G, Fusi F, Costa M, Migliorati E, De Luca R, Vigiliano V, Bolli S, Reschini M. **Monozygotic twin rate among ART centers: a multicenter analysis of data from 18 Italian units.** J Assist Reprod Genet. 2022 Oct;39(10):2349-2354. doi: 10.1007/s10815-022-02603-z. Epub 2022 Sep 2.
<https://pubmed.ncbi.nlm.nih.gov/36053372/>
71. Seaman RD, Salmanian B, Shamsirsaz AA, Espinoza J, Sanz-Cortes M, Donepudi R, Johnson R, Krispin E, Sun R, Belfort MA, Nassr AA. **Pregnancy outcomes following early fetoscopic laser photocoagulation for twin-to-twin transfusion syndrome at 16 weeks' gestation.** Am J Obstet Gynecol MFM. 2022 Oct 13:100771. doi: 10.1016/j.ajogmf.2022.100771. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36244623/>
72. Sessa R, Masciullo L, Filardo S, Pietro MD, Brandolino G, Brunelli R, Galoppi P, Terrin G, Viscardi MF, Anastasi E, Porpora MG. **SARS-CoV-2 vertical transmission in a twin-pregnant woman: a case report.** Int J Infect Dis. 2022 Oct 19:S1201-9712(22)00558-6. doi: 10.1016/j.ijid.2022.10.019. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36272699/>
73. Shafarenko MS, Clarke HM, Zuker RM. **Impact of Technology on Conjoined Twin Separation: Are We Further Ahead?.** Plast Reconstr Surg. 2022 Oct 1;150(4):880e-887e. doi: 10.1097/PRS.00000000000009560. Epub 2022 Aug 8.
<https://pubmed.ncbi.nlm.nih.gov/35939634/>



74. Sheikh SA, Perez Alday EA, Rad AB, Levantsevych O, Alkhalaf M, Soudan M, Abdulbaki R, Haffar A, Smith NL, Goldberg J, Bremner JD, Vaccarino V, Inan OT, Clifford GD, Shah AJ. **Association between PTSD and Impedance Cardiogram-based contractility metrics during trauma recall: A controlled twin study.** Psychophysiology. 2022 Oct 26:e14197. doi: 10.1111/psyp.14197. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36285491/>
75. Shi BJ, Cui QL, Tan XH, Pan QJ, Chen Q, Lin LL. **[Occurrence of live-born twins with birth weight-discordance and its relationship to the adverse birth outcomes].** Zhonghua Er Ke Za Zhi. 2022 Oct 2;60(10):1038-1044. doi: 10.3760/cma.j.cn112140-20220507-00432.
<https://pubmed.ncbi.nlm.nih.gov/36207851/>
76. Silventoinen K, Li W, Jelenkovic A, Sund R, Yokoyama Y, Aaltonen S, Piirtola M, Sugawara M, Tanaka M, Matsumoto S, Baker LA, Tuvblad C, Tynelius P, Rasmussen F, Craig JM, Saffery R, Willemsen G, Bartels M, van Beijsterveldt CEM, Martin NG, Medland SE, Mon **Changing genetic architecture of body mass index from infancy to early adulthood: an individual based pooled analysis of 25 twin cohorts.** Int J Obes (Lond). 2022 Oct;46(10):1901-1909. doi: 10.1038/s41366-022-01202-3.
<https://pubmed.ncbi.nlm.nih.gov/35945263/>
77. Singh SM, Win PW, Castellani CA. **Complementary approaches involving monozygotic twins and single neuron genomics support postzygotic somatic mutations in schizophrenia.** Schizophr Res. 2022 Oct;248:228-230. doi: 10.1016/j.schres.2022.09.011. Epub 2022 Sep 14.
<https://pubmed.ncbi.nlm.nih.gov/36108467/>
78. Takano M, Hine K, Nagasaki S, Sakuma J, Shimabukuro M, Kotaki H, Saito K, Ogata K, Yoda H, Nakata M. **Different expressions of cardiac biomarkers between different types of acquired right ventricular outflow tract abnormality in monozygotic twins.** Prenat Diagn. 2022 Oct;42(11):1448-1457. doi: 10.1002/pd.6236.
<https://pubmed.ncbi.nlm.nih.gov/36081332/>
79. Teich N, Stallmach A, Bruns T. **Gastrointestinal Infections and the Risk of Inflammatory Bowel Disease in Twins and Siblings: Evidence Against the Hygiene Hypothesis.** Dig Dis Sci. 2022 Oct;67(10):4960-4961. doi: 10.1007/s10620-022-07670-x.
<https://pubmed.ncbi.nlm.nih.gov/36002673/>
80. Tong C, Wen L, Wang L, Fan X, Zhao Y, Liu Y, Wang X, Huang S, Li J, Li J, Wang L, Gan J, Yu L, Wang L, Ge H, He C, Yu J, Liu T, Liu X, Yang Y, Li X, Jin H, Mei Y, Tian J, Leong P, Kilby MD, Qi H, Saffery R, Baker PN. **Cohort Profile: The Chongqing Longitudinal Twin Study (LoTiS).** Int J Epidemiol. 2022 Oct 13;51(5):e256-e266. doi: 10.1093/ije/dyab264.
<https://pubmed.ncbi.nlm.nih.gov/35051283/>



-
81. Ugolini S, Coletta R, Morabito A. **Intestinal twin-to-twin transplant for short gut: Review of the literature and discussion of a complex case.** *Pediatr Med Chir.* 2022 Oct 18;44(2). doi: 10.4081/pmc.2022.287.
<https://pubmed.ncbi.nlm.nih.gov/36259600/>
82. van de Weijer MP, Pelt DHM, van Beijsterveldt CEM, Willemsen G, Bartels M. **Genetic factors explain a significant part of associations between adolescent well-being and the social environment.** *Eur Child Adolesc Psychiatry.* 2022 Oct;31(10):1611-1622. doi: 10.1007/s00787-021-01798-3. Epub 2021 May 24.
<https://pubmed.ncbi.nlm.nih.gov/34028610/>
83. Vo TT, Pahlen S, Kremen WS, McGue M, Dahl Aslan A, Nygaard M, Christensen K, Reynolds CA. **Does sleep duration moderate genetic and environmental contributions to cognitive performance?.** *Sleep.* 2022 Oct 10;45(10):zsac140. doi: 10.1093/sleep/zsac140.
<https://pubmed.ncbi.nlm.nih.gov/35727734/>
84. Wang G, Bond TA, Warrington NM, Evans DM. **Birth weight and cardiometabolic risk factors: a discordant twin study in the UK Biobank.** *J Dev Orig Health Dis.* 2022 Oct 4:1-7. doi: 10.1017/S2040174422000538. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36193707/>
85. Wang L, Chen S, Shen YM, Si P. **[Two cases of MLL-SEPT6 fusion in a pair of twins with concordant acute myelogenous leukemia].** *Zhonghua Er Ke Za Zhi.* 2022 Oct 2;60(10):1072-1074. doi: 10.3760/cma.j.cn112140-20220321-00228.
<https://pubmed.ncbi.nlm.nih.gov/36207856/>
86. Wang W, Li W, Duan H, Xu C, Tian X, Li S, Tan Q, Zhang D. **Mediation by DNA methylation on the association of BMI and serum uric acid in Chinese monozygotic twins.** *Gene.* 2023 Jan 20;850:146957. doi: 10.1016/j.gene.2022.146957. Epub 2022 Oct 12.
<https://pubmed.ncbi.nlm.nih.gov/36243213/>
87. Wei N, Elkun Y, Ambinder D, Gitlin J, Dyer L. **Congenital Anterior Urethral Diverticulum in Identical Twins.** *Urology.* 2022 Oct 13:S0090-4295(22)00873-1. doi: 10.1016/j.urology.2022.09.024. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36244471/>
88. Weiss K, Sousa CV, Knechtle B. **Autoimmune hepatitis in monozygotic twins - a case report.** *Eur Rev Med Pharmacol Sci.* 2022 Oct;26(20):7533-7540. doi: 10.26355/eurrev_202210_30024.
<https://pubmed.ncbi.nlm.nih.gov/36314324/>



-
89. Wu Z, Chen L, Hong X, Si J, Cao W, Yu C, Huang T, Sun D, Liao C, Pang Y, Pang Z, Cong L, Wang H, Wu X, Liu Y, Guo Y, Chen Z, Lv J, Gao W, Li L. **Temporal associations between leukocytes DNA methylation and blood lipids: a longitudinal study.** Clin Epigenetics. 2022 Oct 23;14(1):132. doi: 10.1186/s13148-022-01356-x. <https://pubmed.ncbi.nlm.nih.gov/36274151/>
90. Xie T, Zhang S, Shen W, Zhang G, Guo R, Zhang W, Cao Y, Pan Q, Liu F, Sun Y, Liu S. **Identification of Candidate Genes for Twinning Births in Dezhou Donkeys by Detecting Signatures of Selection in Genomic Data.** Genes (Basel). 2022 Oct 19;13(10):1902. doi: 10.3390/genes13101902. <https://pubmed.ncbi.nlm.nih.gov/36292787/>
91. Xodo S, Orsaria M, Londero AP. **What is the success rate of trial of labor in monozygotic diamniotic twins? A systematic review and meta-analysis of observational studies.** Am J Obstet Gynecol MFM. 2022 Oct 8:100767. doi: 10.1016/j.ajogmf.2022.100767. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36220551/>
92. Yang W, Wang Z, Li X, Qi X, Zhang L, Pan KY, Xu W. **Association of depression with mortality in nationwide twins: The mediating role of dementia.** Eur Psychiatry. 2022 Oct 3;65(1):e63. doi: 10.1192/j.eurpsy.2022.34. <https://pubmed.ncbi.nlm.nih.gov/36184891/>
93. Yum HR, Park SH. **Clinical features of premature twin babies with intersibling asymmetry of retinopathy of prematurity severity.** Can J Ophthalmol. 2022 Oct;57(5):337-343. doi: 10.1016/j.jcjo.2021.05.011. Epub 2021 Jun 12. <https://pubmed.ncbi.nlm.nih.gov/34126060/>
94. Zhang J, Bellocco R, Franzén J, Zagai U, Magnusson PKE, Ye W. **Atrophic gastritis is inversely associated with gastroesophageal reflux disease in a twin register based study.** United European Gastroenterol J. 2022 Oct;10(8):827-835. doi: 10.1002/ueg2.12267. Epub 2022 Jun 22. <https://pubmed.ncbi.nlm.nih.gov/35731239/>
95. Zhang W, Pu J, He R, Yu M, Xu L, He X, Chen Z, Gan Z, Liu K, Tan Y, Xiang B. **Demographic characteristics, family environment and psychosocial factors affecting internet addiction in Chinese adolescents.** J Affect Disord. 2022 Oct 15;315:130-138. doi: 10.1016/j.jad.2022.07.053. Epub 2022 Jul 25. <https://pubmed.ncbi.nlm.nih.gov/35901990/>