



## Twin Research Publications April 2024

1. Abtahi H, Khoshnam-Rad N, Gholamzadeh M, Daraie M, Sabouri F. **Conceptual framework for establishing twins prevention and continuous health promotion programme: a qualitative study.** *BMJ Open.* 2024 Apr 10;14(4):e080443. doi: 10.1136/bmjopen-2023-080443.  
<https://pubmed.ncbi.nlm.nih.gov/38604635/>
2. Alsup KA, Pearson JL, Bowe A, Woodham P. **Defining an Evaluation Protocol for the Infant with Fetal Echogenic Bowel.** *Am J Perinatol.* 2024 Apr 17. doi: 10.1055/a-2308-2151. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38631388/>
3. Barg M, Melamed B, Aviram A, Mei-Dan E, Barrett J, Melamed N. **Risk of intrapartum cesarean delivery in twin pregnancies: A retrospective cohort study.** *Int J Gynaecol Obstet.* 2024 Apr 23. doi: 10.1002/ijgo.15557. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38654541/>
4. Bausch L, Probst M, Fritsch L, Mehl J, Siebenlist S, Willinger L. **Bilateral juvenile osteochondrosis dissecans in monozygotic twins: a case report.** *J Orthop Surg Res.* 2024 Apr 1;19(1):208. doi: 10.1186/s13018-024-04683-2.  
<https://pubmed.ncbi.nlm.nih.gov/38561825/>
5. Berntzen BJ, Tolvanen A, Kujala UM, Silventoinen K, Vuoksimaa E, Kaprio J, Aaltonen S. **Longitudinal leisure-time physical activity profiles throughout adulthood and related characteristics: a 36-year follow-up study of the older Finnish Twin Cohort.** *Int J Behav Nutr Phys Act.* 2024 Apr 26;21(1):47. doi: 10.1186/s12966-024-01600-y.  
<https://pubmed.ncbi.nlm.nih.gov/38671483/>
6. Bierhoff H. **[Genetics, epigenetics, and environmental factors in life expectancy- What role does nature-versus-nurture play in aging?].** *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz.* 2024 Apr 18. doi: 10.1007/s00103-024-03873-x. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38637469/>
7. Bister J, Filipovic I, Sun D, Crona-Guterstam Y, Cornillet M, Ponzetta A, Michaëlsson J, Gidlöf S, Ivarsson MA, Strunz B, Björkström NK. **Tissue-specific nonheritable influences drive endometrial immune system variation.** *Sci Immunol.* 2024 Apr 5;9(94):eadj7168. doi: 10.1126/sciimmunol.adj7168. Epub 2024 Apr 5.  
<https://pubmed.ncbi.nlm.nih.gov/38579017/>
8. Bjerager J, Magnø M, Chen X, Belmouhand M, Aass HCD, Reppe S, Heegaard S, Larsen M, Utheim TP. **Heritability of tear fluid cytokines in healthy twins.** *Ocul Surf.* 2024 Apr;32:145-153. doi: 10.1016/j.jtos.2024.02.005. Epub 2024 Feb 20.  
<https://pubmed.ncbi.nlm.nih.gov/38387783/>



9. Bourdon G, Lenne X, Godart F, Storme L, Theis D, Subtil D, Bruandet A, Rakza T. **Epidemiology of congenital heart defects in France from 2013 to 2022 using the PMSI-MCO (French Medical Information System Program in Medicine, Surgery, and Obstetrics) database.** PLoS One. 2024 Apr 16;19(4):e0298234. doi: 10.1371/journal.pone.0298234. eCollection 2024.  
<https://pubmed.ncbi.nlm.nih.gov/38626139/>
10. Byfield DC, Stacey BS, Bailey DM. **Cognition is selectively impaired in males with spinal pain: A retrospective analysis of data from the Longitudinal Study of Ageing Danish Twins.** Exp Physiol. 2024 Apr;109(4):474-483. doi: 10.1113/EP091177.  
<https://pubmed.ncbi.nlm.nih.gov/38367242/>
11. Cheng D, Lu CF, Gong F, Du J, Yuan S, Luo KL, Tan YQ, Lu GX, Lin G. **A case report of a normal fertile woman with 46,XX/46,XY somatic chimerism reveals a critical role for germ cells in sex determination.** Hum Reprod. 2024 Apr 3;39(4):849-855. doi: 10.1093/humrep/deae026.  
<https://pubmed.ncbi.nlm.nih.gov/38420683/>
12. Christiansen C, Potier L, Martin TC, Villicaña S, Castillo-Fernandez JE, Mangino M, Menni C, Tsai PC, Campbell PJ, Mullin S, Ordoñana JR, Monteagudo O, Sachdev PS, Mather KA, Trollor JN, Pietilainen KH, Ollikainen M, Dalgård C, Kyvik K, Christensen K, van **Enhanced resolution profiling in twins reveals differential methylation signatures of type 2 diabetes with links to its complications.** EBioMedicine. 2024 Apr 3;103:105096. doi: 10.1016/j.ebiom.2024.105096. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38574408/>
13. Cowherd RB, Cipres DT, Chen L, Barry OH, Estevez SL, Yee LM. **The Association of Twin Chorionicity with Maternal Outcomes.** Am J Perinatol. 2024 Apr;41(5):611-617. doi: 10.1055/a-1745-3118. Epub 2022 Jan 19.  
<https://pubmed.ncbi.nlm.nih.gov/35045571/>
14. Cui H, Li H, Yin Z. **Emergency cervical cerclage in delayed-interval delivery of twin pregnancies: a scoping review.** BMC Pregnancy Childbirth. 2024 Apr 26;24(1):323. doi: 10.1186/s12884-024-06515-x.  
<https://pubmed.ncbi.nlm.nih.gov/38671355/>
15. D'Antonio F, Eltaweel N, D'Amico A, Khalil A. **Role of cerclage in twin and singleton pregnancy: evidence from systematic review and meta-analysis.** Ultrasound Obstet Gynecol. 2024 Apr;63(4):567-569. doi: 10.1002/uog.27539.  
<https://pubmed.ncbi.nlm.nih.gov/37983619/>
16. Desbuissons G, Ngango L, Baudeau C, Fournier P. **Successful twin pregnancy in a woman undergoing alternate diurnal and nocturnal hemodialysis.** Hemodial Int. 2024 Apr;28(2):233-235. doi: 10.1111/hdi.13134. Epub 2024 Feb 14.  
<https://pubmed.ncbi.nlm.nih.gov/38356167/>



17. Dhawan A, Dhawan J, Sharma AN, Azzam DB, Cherry A, Fehlings MG. **Familial Chiari malformation: a systematic review and illustrative cases.** J Neurosurg Spine. 2024 Apr 12:1-10. doi: 10.3171/2024.1.SPINE231277. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38608294/>
18. Ding Q, Zhou Y, Yu S, Cui X, Wang X, Li X. **Familial genetic and environmental transmission of depression: A multi-informant twin family study.** Psych J. 2024 Apr 15. doi: 10.1002/pchj.751. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38618755/>
19. Feng J, Zhu Z, Zhou R, Liu H, Hu Z, Wu F, Wang H, Yue J, Zhou T, Yang L, Wu F. **Differential methylation patterns from clusters associated with glucose metabolism: evidence from a Shanghai twin study.** Epigenomics. 2024 Apr;16(7):445-459. doi: 10.2217/epi-2023-0449. Epub 2024 Feb 27.  
<https://pubmed.ncbi.nlm.nih.gov/38410918/>
20. Feng Y, Bowden JL, Hunter DJ, Ferreira P, Duncan GE. **Does neighbourhood deprivation influence low back pain and arthritis: An empirical study using multilevel twin design.** PLoS One. 2024 Apr 26;19(4):e0298356. doi: 10.1371/journal.pone.0298356. eCollection 2024.  
<https://pubmed.ncbi.nlm.nih.gov/38669221/>
21. Fernandes ES, Ferreira IF, de Felipe RP, Segal N, Otta E. **Brazilian Twin Studies: A Scoping Review.** Twin Res Hum Genet. 2024 Apr 15:1-10. doi: 10.1017/thg.2024.17. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38619001/>
22. Finkel D, Gatz M, Franz CE, Catts VS, Christensen K, Kremen W, Nygaard M, Plassman BL, Sachdev PS, Whitfield K, Pedersen NL. **Age and sex differences in the genetic architecture of measures of subjective health: Relationships with physical health, depressive symptoms, and episodic memory.** J Gerontol B Psychol Sci Soc Sci. 2024 Apr 17:gbae062. doi: 10.1093/geronb/gbae062. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38632885/>
23. Gambichler T, Noldes K, Boms S. **Bullous pemphigoid and lichen planus pemphigoides in monozygotic twins with a long-standing history of psoriasis.** Clin Exp Dermatol. 2024 Apr 22:llae141. doi: 10.1093/ced/llae141. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38648504/>
24. Ghimire S, Simkhada S, Thapa S, Ghising K. **Alstrom syndrome with classical findings: a rare case report of monogenic ciliopathy co-occurrence in twins.** Ann Med Surg (Lond). 2024 Feb 28;86(4):2218-2224. doi: 10.1097/MS9.0000000000001796. eCollection 2024 Apr.  
<https://pubmed.ncbi.nlm.nih.gov/38576930/>



25. Grantz KL, Lee W, Chen Z, Hinkle S, Mack L, Cortes MS, Goncalves LF, Espinoza J, Gore-Langton RE, Sherman S, He D, Zhang C, Grewal J. **The NICHD Fetal 3D Study: A Pregnancy Cohort Study of Fetal Body Composition and Volumes.** Am J Epidemiol. 2024 Apr 8;193(4):580-595. doi: 10.1093/aje/kwad210.  
<https://pubmed.ncbi.nlm.nih.gov/37946325/>
26. Habek D, Cerovac A. **Full trisomy 14 in one of bichorionic diamniotic twins.** Z Geburtshilfe Neonatol. 2024 Apr;228(2):196-197. doi: 10.1055/a-2215-6984. Epub 2024 Jan 9.  
<https://pubmed.ncbi.nlm.nih.gov/38196047/>
27. Huang M, Shah AJ, Lampert R, Bliwise DL, Johnson DA, Clifford GD, Sloan R, Goldberg J, Ko YA, Da Poian G, Perez-Alday EA, Almuwaqqat Z, Shah A, Garcia M, Young A, Moazzami K, Bremner JD, Vaccarino V. **Heart Rate Variability, Deceleration Capacity of Heart Rate, and Death: A Veteran Twins Study.** J Am Heart Assoc. 2024 Apr 2;13(7):e032740. doi: 10.1161/JAHA.123.032740. Epub 2024 Mar 27.  
<https://pubmed.ncbi.nlm.nih.gov/38533972/>
28. Hur YM. **Relationship between cognitive ability and emotional problems in the context of poverty: a Nigerian adolescent twin study.** Eur Child Adolesc Psychiatry. 2024 Apr;33(4):1103-1111. doi: 10.1007/s00787-023-02230-8. Epub 2023 May 26.  
<https://pubmed.ncbi.nlm.nih.gov/37237243/>
29. Ingelfinger F, Kuiper KL, Ulutekin C, Rindlisbacher L, Mundt S, Gerdes LA, Smolders J, van Luijn MM, Becher B. **Twin study dissects CXCR3(+) memory B cells as non-heritable feature in multiple sclerosis.** Med. 2024 Apr 12;5(4):368-373.e3. doi: 10.1016/j.medj.2024.02.013. Epub 2024 Mar 25.  
<https://pubmed.ncbi.nlm.nih.gov/38531361/>
30. Jia Y, Liu W, Wang J, Zhang R, Li M, Liu S. **A pair of twins with multicystic dysplastic kidney and hydrocephalus caused by a novel homozygous mutation in SPATA33 and CDK10.** QJM. 2024 Apr 12;117(4):302-303. doi: 10.1093/qjmed/hcad289.  
<https://pubmed.ncbi.nlm.nih.gov/38180891/>
31. Jiang S, Sun F, Yuan P, Jiang Y, Wan X. **Distinct genetic and environmental origins of hierarchical cognitive abilities in adult humans.** Cell Rep. 2024 Apr 23;43(4):114060. doi: 10.1016/j.celrep.2024.114060. Epub 2024 Apr 2.  
<https://pubmed.ncbi.nlm.nih.gov/38568809/>
32. Johnson RM, Little CW, Shero JA, van Dijk W, Holden LR, Daucourt MC, Norris CU, Ganley CM, Taylor J, Hart SA. **Educational experiences of U.S. children during the 2020-2021 school year in the context of the COVID-19 pandemic.** Dev Psychol. 2024 Apr 4. doi: 10.1037/dev0001488. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38573657/>



33. Kanchibhotla SC, Mather KA, Armstrong NJ, Ciobanu LG, Baune BT, Catts VS, Schofield PR, Trollor JN, Ames D, Sachdev PS, Thalamuthu A. **Heritability of Gene Expression Measured from Peripheral Blood in Older Adults.** Genes (Basel). 2024 Apr 16;15(4):495. doi: 10.3390/genes15040495.  
<https://pubmed.ncbi.nlm.nih.gov/38674429/>
34. Koenders EA, Wesseldijk LW, Boomsma DI, Larsen JK, Vink JM. **Heritability of adult picky eating in the Netherlands.** Appetite. 2024 Apr 1;195:107230. doi: 10.1016/j.appet.2024.107230. Epub 2024 Jan 24.  
<https://pubmed.ncbi.nlm.nih.gov/38278443/>
35. Kong L, Zhao Z, Fu X, Li H, Zhu J, Wu D, Kong X, Sun L. **Noninvasive twin genotyping for recessive monogenic disorders by relative haplotype dosage.** Prenat Diagn. 2024 Apr 22. doi: 10.1002/pd.6565. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38647204/>
36. Leader J, Mínguez-Alarcón L, Williams PL, Ford JB, Dadd R, Chagnon O, Oken E, Calafat AM, Hauser R, Braun JM. **Associations of parental preconception and maternal pregnancy urinary phthalate biomarker and bisphenol-a concentrations with child eating behaviors.** Int J Hyg Environ Health. 2024 Apr;257:114334. doi: 10.1016/j.ijheh.2024.114334. Epub 2024 Feb 13.  
<https://pubmed.ncbi.nlm.nih.gov/38350281/>
37. Ler P, Ploner A, Finkel D, Reynolds CA, Zhan Y, Jylhävä J, Dahl Aslan AK, Karlsson IK. **Interplay of body mass index and metabolic syndrome: association with physiological age from midlife to late-life.** Geroscience. 2024 Apr;46(2):2605-2617. doi: 10.1007/s11357-023-01032-9. Epub 2023 Dec 16.  
<https://pubmed.ncbi.nlm.nih.gov/38102440/>
38. Liu C, Li YJ, Wu HH, Wu HM, Tian YC. **Successful Twin Delivery Through In Vitro Fertilization in a High-Gestation Age Kidney Transplant Recipient: A Case Report.** Transplant Proc. 2024 Apr;56(3):742-745. doi: 10.1016/j.transproceed.2024.02.011. Epub 2024 Mar 21.  
<https://pubmed.ncbi.nlm.nih.gov/38519267/>
39. Liu J, Wang W, Luo J, Duan H, Xu C, Tian X, Chen S, Ge L, Zhang D. **Mediation role of DNA methylation in association between handgrip strength and cognitive function in monozygotic twins.** J Hum Genet. 2024 Apr 23. doi: 10.1038/s10038-024-01247-4.  
<https://pubmed.ncbi.nlm.nih.gov/38649436/>
40. Liu S, Wang L, Gao M, Zhang X, Cui H. **Mode of delivery and neonatal outcomes in preterm twins less than 32 weeks of gestation or birthweight under 1500 g: a systematic review and meta-analyses.** Arch Gynecol Obstet. 2024 Apr;309(4):1219-1226. doi: 10.1007/s00404-023-07307-y. Epub 2023 Dec 8.  
<https://pubmed.ncbi.nlm.nih.gov/38066342/>



41. Lubis AMT, Prasetyo J, Canintika AF. **Isolated posterior cruciate ligament tears in monozygotic twins: A case report.** Int J Surg Case Rep. 2024 Apr 27;119:109682. doi: 10.1016/j.ijscr.2024.109682. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38688154/>
42. Luijckx DG, Ak A, Guo G, van Blitterswijk CA, Giselbrecht S, Vrij EJ. **Monochorionic Twinning in Bioengineered Human Embryo Models.** Adv Mater. 2024 Apr 9:e2313306. doi: 10.1002/adma.202313306. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38593372/>
43. Luo J, Wang W, Li J, Duan H, Xu C, Tian X, Zhang D. **Epigenome-wide association study identifies DNA methylation loci associated with handgrip strength in Chinese monozygotic twins.** Front Cell Dev Biol. 2024 Apr 3;12:1378680. doi: 10.3389/fcell.2024.1378680. eCollection 2024.  
<https://pubmed.ncbi.nlm.nih.gov/38633108/>
44. Mao JY, Luo S, Wang L, Chen Y, Zhou Q, Yang CY, Xiang X, Wang DP, Zuo HM, Liu TH, Wen L, Qu SM, Hou T. **Impact factors and obstetric outcomes of preeclampsia in twin pregnancies by prepregnancy body mass index: a six-year retrospective cohort study.** J Matern Fetal Neonatal Med. 2024 Dec;37(1):2345294. doi: 10.1080/14767058.2024.2345294. Epub 2024 Apr 24.  
<https://pubmed.ncbi.nlm.nih.gov/38658184/>
45. Martínez-Varea A, Prasad S, Domenech J, Kalafat E, Morales-Roselló J, Khalil A. **Association of fetal growth restriction and stillbirth in twin compared with singleton pregnancies.** Ultrasound Obstet Gynecol. 2024 Apr 20. doi: 10.1002/uog.27661. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38642338/>
46. Mascheretti S, Lampis V, Andreola C, Lecce S, Dionne G. **Continuity and change of genetic and environmental influences on reading and reading-related neurocognitive skills: A systematic review of longitudinal twin studies.** Neurosci Biobehav Rev. 2024 Apr;159:105576. doi: 10.1016/j.neubiorev.2024.105576.  
<https://pubmed.ncbi.nlm.nih.gov/38331130/>
47. Mason CE, Sierra MA, Feng HJ, Bailey SM. **Telomeres and aging: on and off the planet!** Biogerontology. 2024 Apr;25(2):313-327. doi: 10.1007/s10522-024-10098-7. Epub 2024 Apr 6.  
<https://pubmed.ncbi.nlm.nih.gov/38581556/>
48. Mataix-Cols D, Fernández de la Cruz L, Beucke JC, De Schipper E, Kuja-Halkola R, Lichtenstein P, Pol-Fuster J. **Heritability of Clinically Diagnosed Obsessive-Compulsive Disorder Among Twins.** JAMA Psychiatry. 2024 Apr 3:e240299. doi: 10.1001/jamapsychiatry.2024.0299. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38568562/>



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49. Miao K, Hong X, Cao W, Lv J, Yu C, Huang T, Sun D, Liao C, Pang Y, Hu R, Pang Z, Yu M, Wang H, Wu X, Liu Y, Gao W, Li L. **Association between epigenetic age and type 2 diabetes mellitus or glycemic traits: A longitudinal twin study.** Aging Cell. 2024 Apr 25:e14175. doi: 10.1111/accel.14175. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38660768/>
50. Mohammadnejad A, Ryg J, Ewertz M, Jylhävä J, Hjelmborg JV, Galvin A. **Association of cancer with functional decline at old age: a longitudinal study in Danish twins.** Scand J Public Health. 2024 Apr 3:14034948241240823. doi: 10.1177/14034948241240823. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38570302/>
51. Nishihara S, Koseki M, Tanaka K, Omatsu T, Sawabe H, Inui H, Saga A, Okada T, Higo T, Ohama T, Nishida M, Sakata Y, Watanabe M; Osaka Twin Research Group. **Twin Study: The Factors Affecting the Serum LDL-C and HDL-C Levels and an RNA-Seq Analysis in Mononuclear Cells in Monozygotic Twins.** J Atheroscler Thromb. 2024 Apr 27. doi: 10.5551/jat.64882. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38684403/>
52. Noll ATR, Gijtenbeek M, Verweij EJTJ, Lewi L, Herling L, Haak MC. **Cardiac adaptation and malformation in twin-twin transfusion syndrome and selective fetal growth restriction: A systematic review.** Prenat Diagn. 2024 Apr 21. doi: 10.1002/pd.6575.  
<https://pubmed.ncbi.nlm.nih.gov/38643403/>
53. Okabe M, Tsuboi N, Ueda H, Hishida E, Miyazaki Y, Yokoo T. **A 20-year follow-up study of identical twin sisters with immunoglobulin A nephropathy.** Clin Kidney J. 2024 Mar 22;17(4):sfae073. doi: 10.1093/ckj/sfae073. eCollection 2024 Apr.  
<https://pubmed.ncbi.nlm.nih.gov/38633839/>
54. Ortiz JU, Guggenberger J, Graupner O, Ostermayer E, Kuschel B, Lobmaier SM. **The Outcome after Laser Therapy of Monochorionic Twin Pregnancies Complicated by Twin-Twin Transfusion Syndrome with Coexistent Selective Fetal Growth Restriction.** J Clin Med. 2024 Apr 21;13(8):2432. doi: 10.3390/jcm13082432.  
<https://pubmed.ncbi.nlm.nih.gov/38673705/>
55. Park HW. **Joseph E. Murray's Struggle to Transplant Kidneys: Failure, Individuality, and Plastic Surgery, 1950-1965.** J Hist Med Allied Sci. 2024 Apr 2;79(2):143-162. doi: 10.1093/jhmas/jrad042.  
<https://pubmed.ncbi.nlm.nih.gov/37578763/>
56. Pascoe LA, Mikhail ME, Burt SA, Culbert KM, Klump KL. **Shared genetic influences between eating disorders and gastrointestinal disease in a large, population-based sample of adult women and men.** Psychol Med. 2024 Apr;54(6):1184-1195. doi: 10.1017/S003329172300301X. Epub 2023 Nov 3.  
<https://pubmed.ncbi.nlm.nih.gov/37920985/>



- 
57. Peng W, Xia Z, Guo Y, Li L, He J, Su Y. **The causal relationship of human blood metabolites with the components of Sarcopenia: a two-sample Mendelian randomization analysis.** BMC Geriatr. 2024 Apr 15;24(1):339. doi: 10.1186/s12877-024-04938-x.  
<https://pubmed.ncbi.nlm.nih.gov/38622574/>
58. Pezzoli P, Pingault JB, Malanchini M, Voronin I, McCrory E, Fearon P, Viding E. **Reciprocal Effects Between Negative Parenting and Children's Callous-Unemotional Traits From Mid to Late Childhood.** Am J Psychiatry. 2024 Apr 1;181(4):310-321. doi: 10.1176/appi.ajp.20230208. Epub 2024 Mar 13.  
<https://pubmed.ncbi.nlm.nih.gov/38476045/>
59. Rasmussen MK, Kristensen SE, Ekelund CK, Sandager P, Jørgensen FS, Hoseth E, Sperling L, Zingenberg HJ, Hjortshøj TD, Gadsbøll K, Wright A, Wright D, McLennan A, Sundberg K, Petersen OB. **Quadruplet pregnancy outcome with and without fetal reduction: Danish national cohort study (2008-2018) and comparison with dichorionic twins.** Ultrasound Obstet Gynecol. 2024 Apr;63(4):514-521. doi: 10.1002/uog.27497.  
<https://pubmed.ncbi.nlm.nih.gov/37743648/>
60. Salmon F, Kayem G, Maisonneuve E, Foix-L'Hélias L, Benhammou V, Kaminski M, Marchand-Martin L, Kana G, Subtil D, Lorthe E, Ancel PY, Letouzey M; EPIPAGE-2 Infectious diseases working group. **Clinical Chorioamnionitis and Neurodevelopment at 5 Years of Age in Children Born Preterm: The EPIPAGE-2 Cohort Study.** J Pediatr. 2024 Apr;267:113921. doi: 10.1016/j.jpeds.2024.113921. Epub 2024 Jan 17.  
<https://pubmed.ncbi.nlm.nih.gov/38242316/>
61. Sarkar A, Caughey AB, Cheng YW, Yee LM. **Perinatal Outcomes of Twin Gestations with and without Gestational Diabetes Mellitus.** Am J Perinatol. 2024 Apr;41(5):628-634. doi: 10.1055/s-0042-1743184. Epub 2022 Feb 21.  
<https://pubmed.ncbi.nlm.nih.gov/35189652/>
62. Saura R, Hagiwara SI, Hizuka K, Okamoto N, Etani Y. **First case report of dichorionic diamniotic twins with chronic enteropathy associated with the SLC02A1 gene.** Clin J Gastroenterol. 2024 Apr;17(2):240-243. doi: 10.1007/s12328-023-01912-9. Epub 2024 Jan 30.  
<https://pubmed.ncbi.nlm.nih.gov/38289459/>
63. Schubert M, Tihon A, Andresen K, Ruchay Z, Farrokh A, Maass N, Elischer P, Longardt AC, Tesch K, Lebenatus A, Krüger M, Alkatout I. **Peripartal management of dichorial twin pregnancy in a bicornuate bicollis uterus: a case report and review of the literature.** J Med Case Rep. 2024 Apr 21;18(1):196. doi: 10.1186/s13256-024-04506-2.  
<https://pubmed.ncbi.nlm.nih.gov/38643176/>





64. Shemesh R, Strauss T, Zaslavsky-Paltiel I, Lerner-Geva L, Reichman B, Wygnanski-Jaffe T; Israel Neonatal Network. **Perinatal and neonatal risk factors for retinopathy of prematurity in very low birthweight, very preterm twins: a population-based study.** Eye (Lond). 2024 Apr;38(5):902-909. doi: 10.1038/s41433-023-02801-8. Epub 2023 Nov 4.  
<https://pubmed.ncbi.nlm.nih.gov/37925560/>
65. Silberstein RB, Bigelow FJ. **Brain functional connectivity correlates of anomalous interaction between sensorily isolated monozygotic twins.** Front Hum Neurosci. 2024 Apr 10;18:1388049. doi: 10.3389/fnhum.2024.1388049. eCollection 2024.  
<https://pubmed.ncbi.nlm.nih.gov/38660011/>
66. Simkulet W. **Parthenogenesis, identity, and value.** Bioethics. 2024 Apr 23. doi: 10.1111/bioe.13289. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38652592/>
67. Song S, Zhu Z, Mao W, Zhu Y, Zhang R, Bu X, Li H, Han Y, Cao Y, Gao Y, Qiu YP, Wei G, Zhang P, Xie J, Wang M, Chen C, Zhu L. **Comparison of singleton and twin birth weight reference percentile curves by gestational age and sex in extremely preterm infants: a population-based study.** BMJ Paediatr Open. 2024 Apr 16;8(1):e002502. doi: 10.1136/bmjpo-2024-002502.  
<https://pubmed.ncbi.nlm.nih.gov/38627060/>
68. Spekman JA, Israëls J, de Vreede I, Los M, Geelhoed MJJ, van Zwet EW, Haak MC, Roest AAW, van Klink JMM, Lopriore E, Groene SG. **Reduced lung function during childhood in identical twins with discordant fetal growth: a cohort study.** EClinicalMedicine. 2024 Apr 10;72:102600. doi: 10.1016/j.eclinm.2024.102600. eCollection 2024 Jun.  
<https://pubmed.ncbi.nlm.nih.gov/38633574/>
69. Sperling JD, Frikke-Schmidt R, Scheike T, Kessing LV, Miskowiak K, Vinberg M. **APOE Genotype, ApoE Plasma Levels, Lipid Metabolism, and Cognition in Monozygotic Twins with, at Risk of, and without Affective Disorders.** J Clin Med. 2024 Apr 18;13(8):2361. doi: 10.3390/jcm13082361.  
<https://pubmed.ncbi.nlm.nih.gov/38673634/>
70. Suarez GL, Burt SA, Gard AM, Klump KL, Hyde LW. **Exposure to community violence as a mechanism linking neighborhood disadvantage to amygdala reactivity and the protective role of parental nurturance.** Dev Psychol. 2024 Apr;60(4):595-609. doi: 10.1037/dev0001712. Epub 2024 Feb 22.  
<https://pubmed.ncbi.nlm.nih.gov/38386381/>
71. Szigethy L, Sigmundsson FG, Joelson A. **Surgically treated degenerative disk disease in twins.** Eur Spine J. 2024 Apr;33(4):1381-1384. doi: 10.1007/s00586-024-08161-5.  
<https://pubmed.ncbi.nlm.nih.gov/38416191/>



72. Tabbara N, Ansari NS, Kandraju H, Maxwell CV, Shah V. **Association between Maternal Body Mass Index and Fetal Acidosis in Term Twin Pregnancies: A Retrospective Cohort Study.** J Obstet Gynaecol Can. 2024 Apr 15:102464. doi: 10.1016/j.jogc.2024.102464. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38631433/>
73. Tusseau M, Khaldi-Plassart S, Cognard J, Viel S, Khoryati L, Benezech S, Mathieu AL, Rieux-Laucat F, Bader-Meunier B, Belot A. **Mendelian Causes of Autoimmunity: the Lupus Phenotype.** J Clin Immunol. 2024 Apr 15;44(4):99. doi: 10.1007/s10875-024-01696-8.  
<https://pubmed.ncbi.nlm.nih.gov/38619739/>
74. Ventura W, Sugajara R, Quintana W, Llancarí P, Novoa RH. **A systematic review of early intrauterine intervention at 12 + 0 to 16 + 6 weeks in twin reversed arterial perfusion sequence.** Eur J Obstet Gynecol Reprod Biol. 2024 Apr;295:92-97. doi: 10.1016/j.ejogrb.2024.02.001. Epub 2024 Feb 8.  
<https://pubmed.ncbi.nlm.nih.gov/38342009/>
75. Walhovd KB, Krogsrud SK, Amlien IK, Sørensen Ø, Wang Y, Bråthen ACS, Overbye K, Kransberg J, Mowinckel AM, Magnussen F, Herud M, Håberg AK, Fjell AM, Vidal-Pineiro D. **Fetal influence on the human brain through the lifespan.** Elife. 2024 Apr 11;12:RP86812. doi: 10.7554/eLife.86812.  
<https://pubmed.ncbi.nlm.nih.gov/38602745/>
76. Wang J, Zhou M, Zhou J, Xiao M, Huang L. **Monozygotic Twins with MAGT1 Deficiency and Epstein-Barr virus-positive Classic Hodgkin Lymphoma Receiving anti-CD30 CAR T-cell Immunotherapy: A case Report.** J Clin Immunol. 2024 Apr 5;44(4):91. doi: 10.1007/s10875-024-01690-0.  
<https://pubmed.ncbi.nlm.nih.gov/38578340/>
77. Wang M, Svedberg P, Narusyte J, Ropponen A. **Changes in family situation and concurrent changes in working life: a 15-year longitudinal analysis.** Fam Med Community Health. 2024 Apr 4;12(2):e002438. doi: 10.1136/fmch-2023-002438.  
<https://pubmed.ncbi.nlm.nih.gov/38575348/>
78. Weijers DD, Hirsch S, Bakhuizen JJ, van Engelen N, Kester LA, Kranendonk MEG, Hiemcke-Jiwa LS, de Vos-Kerkhof E, Loeffen JLC, Autry RJ, Pajtler KW, Jäger N, Jongmans MCJ, Kuiper RP. **Molecular analysis of cancer genomes in children with Lynch syndrome: Exploring causal associations.** Int J Cancer. 2024 Apr 15;154(8):1455-1463. doi: 10.1002/ijc.34832. Epub 2024 Jan 4.  
<https://pubmed.ncbi.nlm.nih.gov/38175816/>



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79. Westerman HB, Suarez GL, Richmond-Rakerd LS, Nusslock R, Klump KL, Burt SA, Hyde LW. **Exposure to Community Violence as a Mechanism Linking Neighborhood Socioeconomic Disadvantage and Neural Responses to Reward.** Soc Cogn Affect Neurosci. 2024 Apr 15:nsae029. doi: 10.1093/scan/nsae029. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38619118/>
80. Wilcox HM, Cummings CL, Pope TM, Mercurio MR. **Gestational Carrier Pregnancies: Legal and Ethical Considerations for Pediatricians.** Pediatrics. 2024 Apr 1;153(4):e2023062805. doi: 10.1542/peds.2023-062805. <https://pubmed.ncbi.nlm.nih.gov/38439734/>
81. Wu T, Li S, Gong X, Li J, Li X, Zhai Y, Huang J, Li X, Li L, Yang J, Wang X, Shi H, Yuan P, Zhao Y, Wei Y. **Longitudinal Cervical Length Measurements and Spontaneous Preterm Birth in Singleton and Twin Pregnancies.** JAMA Netw Open. 2024 Apr 1;7(4):e244592. doi: 10.1001/jamanetworkopen.2024.4592. <https://pubmed.ncbi.nlm.nih.gov/38602679/>
82. Yagyu T, Ida K, Noguchi T. **Similarity of aortic events between siblings with heritable thoracic aortic diseases: Clinical analysis focusing on identical twins and same-sex siblings.** Am J Med Genet A. 2024 Apr 15:e63632. doi: 10.1002/ajmg.a.63632. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38619088/>
83. Yamasato K, Ono A. **Association between aneuploidy screening analytes and adverse outcomes in twin gestations.** J Perinat Med. 2024 Apr 19. doi: 10.1515/jpm-2023-0499. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38634781/>
84. Zampatti N, Bonato I, Calandrino A, Saffioti C, Parodi A, Brigati G, Minghetti D, Ramenghi LA. **Severe cellulitis from methicillin-resistant Staphylococcus aureus (MRSA) in a couple of preterm twins: a case report.** Ital J Pediatr. 2024 Apr 19;50(1):78. doi: 10.1186/s13052-024-01659-0. <https://pubmed.ncbi.nlm.nih.gov/38641615/>
85. Zellers S, Maes HHM, Latvala A, Kaprio J. **Cohort Effects on Tobacco Consumption and its Genetic and Environmental Variance Among Finnish Adults born between 1880-1957.** Nicotine Tob Res. 2024 Apr 17:ntae091. doi: 10.1093/ntr/ntae091. <https://pubmed.ncbi.nlm.nih.gov/38630445/>
86. Zhang J, Wang X, Fu Z, Xing C, Wang Z, Yang H, Li J, Liu M, Dong L, Zhang X, Li Y, Wang J, Long J, Liu J, Wang S, Li J, Gao F. **Long-term simulated microgravity fosters carotid aging-like changes via Piezo1.** Cardiovasc Res. 2024 Apr 30;120(5):548-559. doi: 10.1093/cvr/cvae024. <https://pubmed.ncbi.nlm.nih.gov/38271270/>



87. Zheng XT, Lin X, Ma M, Lai SH, Yang CY. **Reference intervals for thyroid function from the fifth to seventh day of life in twin-pregnancy preterm neonates: an 8-year retrospective study.** Hormones (Athens). 2024 Apr 2. doi: 10.1007/s42000-024-00547-w. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/38564142/>
88. Zmaili M, Alzubi J, Alkhayat M, Albakri A, Alkhalaileh F, Longinow J, Moudgil R. **Cancer and Cardiovascular Disease: The Conjoined Twins.** Cancers (Basel). 2024 Apr 9;16(8):1450. doi: 10.3390/cancers16081450.  
<https://pubmed.ncbi.nlm.nih.gov/38672532/>