



## Twin Research Publications January 2021

1. Adekola H, Unal ER, Thompson G, Sondgeroth K, Abrams R. **Spontaneous septostomy in a monochorionic-diamniotic twin gestation.** J Clin Ultrasound. 2021 Jan;49(1):66-70. doi: 10.1002/jcu.22931. Epub 2020 Sep 30.  
<https://pubmed.ncbi.nlm.nih.gov/33000485/>
2. Afari N, Gasperi M, Dochat C, Wooldridge JS, Herbert MS, Schur EA, Buchwald DS. **Genetic and environmental influences on posttraumatic stress disorder symptoms and disinhibited eating behaviors.** Eat Disord. 2021 Jan 6:1-19. doi: 10.1080/10640266.2020.1864587. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33404377/>
3. Agnew-Blais JC, Belsky DW, Caspi A, Danese A, Moffitt TE, Polanczyk GV, Sugden K, Wertz J, Williams B, Lewis CM, Arseneault L. **Polygenic Risk and the Course of Attention-Deficit/Hyperactivity Disorder From Childhood to Young Adulthood: Findings From a Nationally-Representative Cohort.** J Am Acad Child Adolesc Psychiatry. 2021 Jan 8:S0890-8567(21)00001-0. doi: 10.1016/j.jaac.2020.12.033.  
<https://pubmed.ncbi.nlm.nih.gov/33440202/>
4. Arabin B, Kyvernitakis I, Hamza A, Maul H, Di Tommaso M, van Eyck J, Nizard J. **Vaginal delivery of the second twin in unengaged cephalic presentation.** J Matern Fetal Neonatal Med. 2021 Jan;34(1):112-116. doi: 10.1080/14767058.2019.1590333. Epub 2019 Mar 21.  
<https://pubmed.ncbi.nlm.nih.gov/30897985/>
5. Armitage AM, Kundra MA, Ghiam N, Atwal PS, Morel D, Hruska KS, Torene R, Harbour JW, Forghani I. **Chimerism involving a RB1 pathogenic variant in monochorionic dizygotic twins with twin-twin transfusion syndrome.** Am J Med Genet A. 2021 Jan;185(1):208-212. doi: 10.1002/ajmg.a.61913. Epub 2020 Oct 9.  
<https://pubmed.ncbi.nlm.nih.gov/33037780/>
6. Aschersleben G, Hoffmann K, Henn W. **General Cognitive Abilities and Psychosocial Development in Children and Adolescents Having a Co-Twin with Down Syndrome.** J Pediatr. 2021 Jan 12:S0022-3476(21)00006-8. doi: 10.1016/j.jpeds.2021.01.002. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33450221/>
7. Avnon T, Ovental A, Many A. **Twin versus singleton pregnancy in women  $\geq$  45 years of age: comparison of maternal and neonatal outcomes.** J Matern Fetal Neonatal Med. 2021 Jan;34(2):201-206. doi: 10.1080/14767058.2019.1602115. Epub 2019 Apr 18.  
<https://pubmed.ncbi.nlm.nih.gov/30931655/>



8. Bao R, Hesser LA, He Z, Zhou X, Nadeau KC, Nagler CR. **Fecal microbiome and metabolome differ in healthy and food-allergic twins.** J Clin Invest. 2021 Jan 19;131(2):e141935. doi: 10.1172/JCI141935.  
<https://pubmed.ncbi.nlm.nih.gov/33463536/>
9. Brand EC, Klaassen MAY, Gacesa R, Vila AV, Ghosh H, de Zoete MR, Boomsma DI, Hoentjen F, Horjus Talabur Horje CS, van de Meeberg PC, Willemsen G, Fu J, Wijmenga C, van Wijk F, Zhernakova A, Oldenburg B, Weersma RK; Dutch TWIN-IBD consortium and the Dutch Initiative on Crohn and Colitis. **Healthy cotwins share gut microbiome signatures with their inflammatory bowel disease twins and unrelated patients.** Gastroenterology. 2021 Jan 19:S0016-5085(21)00097-4. doi: 10.1053/j.gastro.2021.01.030. <https://pubmed.ncbi.nlm.nih.gov/33476671/>
10. Brislin SJ, Clark DA, Heitzeg MM, Samek DR, Iacono WG, McGue M, Hicks BM. **Co-development of alcohol use problems and antisocial peer affiliation from ages 11 to 34: selection, socialization and genetic and environmental influences.** Addiction. 2021 Jan 6. doi: 10.1111/add.15402. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33405277/>
11. Brouwer RM, Schutte J, Janssen R, Boomsma DI, Hulshoff Pol HE, Schnack HG. **The Speed of Development of Adolescent Brain Age Depends on Sex and Is Genetically Determined.** Cereb Cortex. 2021 Jan 5;31(2):1296-1306. doi: 10.1093/cercor/bhaa296.  
<https://pubmed.ncbi.nlm.nih.gov/33073292/>
12. Burcaş S, Creţu RZ. **Perfectionism and Neuroticism: Evidence for a common genetic and environmental etiology.** J Pers. 2021 Jan 17. doi: 10.1111/jopy.12617. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33454994/>
13. Cahn AJ, Little G, Beaulieu C, Tétreault P. **Diffusion properties of the fornix assessed by deterministic tractography shows age, sex, volume, cognitive, hemispheric, and twin relationships in young adults from the Human Connectome Project.** Brain Struct Funct. 2021 Jan 2. doi: 10.1007/s00429-020-02181-9. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33386420/>
14. Cao D, Sun J, Li N, Li Z, Liu W, Chen M. **Monozygotic twins discordant for homologous Robertsonian translocation trisomy 21 of 46, XX, + 21, der (21;21) (q10; q10) in a twin-to-twin transfusion syndrome, case report.** BMC Pregnancy Childbirth. 2021 Jan 30;21(1):101. doi: 10.1186/s12884-021-03587-x.  
<https://pubmed.ncbi.nlm.nih.gov/33516175/>



15. Champion D, Bui M, Bott A, Donnelly T, Goh S, Chapman C, Lemberg D, Jaaniste T, Hopper J. **Familial and Genetic Influences on the Common Pediatric Primary Pain Disorders: A Twin Family Study.** Children (Basel). 2021 Jan 28;8(2):89. doi: 10.3390/children8020089.  
<https://pubmed.ncbi.nlm.nih.gov/33525537/>
16. Chanes B, Arriaza M, Lacassie Y. **Lessons from a 30 year follow-up of monozygotic twins with discordant phenotype due to a ring 13 chromosomal mosaicism in one of them.** Am J Med Genet A. 2021 Jan 13. doi: 10.1002/ajmg.a.62074.  
<https://pubmed.ncbi.nlm.nih.gov/33438813/>
17. Chen M, Su F, Wang J, Zhou L, Liu Q, Chai X, Yuan Y, Cen M, Wu Y, Wang Y, Chen F, Zhang Y, Chen D, Gao Y. **Temporal persistence of residual fetal cell-free DNA from a deceased cotwin after selective fetal reduction in dichorionic diamniotic twin pregnancies.** Prenat Diagn. 2021 Jan 13. doi: 10.1002/pd.5898. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33555061/>
18. Chen MH, Pan TL, Lin WC, Huang KL, Hsu JW, Li CT, Tsai SJ, Su TP, Chen TJ, Bai YM. **Bidirectional association between migraine and depression among probands and unaffected siblings: A nationwide population-based study.** J Affect Disord. 2021 Jan 15;279:687-691. doi: 10.1016/j.jad.2020.10.056. Epub 2020 Oct 29.  
<https://pubmed.ncbi.nlm.nih.gov/33190120/>
19. Chen XH, Zhu JG, Yu ZB, Jiang CY, Han SP. **[Influence of twin pregnancy by assisted reproductive technology on neonatal outcomes].** Zhongguo Dang Dai Er Ke Za Zhi. 2021 Jan;23(1):37-42. doi: 10.7499/j.issn.1008-8830.2009021.  
<https://pubmed.ncbi.nlm.nih.gov/33476535/>
20. 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. 2021 Jan 1;42(1):41-45. doi: 10.1097/DBP.0000000000000851.  
<https://pubmed.ncbi.nlm.nih.gov/32858578/>
21. Choi HS, Yun JW, Kim HJ, Oh D, Kim NI, Kim CS, Ma SK, Kim SW, Bae EH. **Atypical hemolytic uremic syndrome after childbirth: a case report.** Ann Transl Med. 2021 Jan;9(1):79. doi: 10.21037/atm-20-3789.  
<https://pubmed.ncbi.nlm.nih.gov/33553372/>
22. Corroenne R, Wesley L, Kailin JA, Yilmaz Furtun B, Sanz Cortes M, Shamshirsaz AA, Nassr AA, Belfort MA, Espinoza J. **Inter-twin differences in fetal echocardiographic findings are associated with decreased dual twin survival in twin-twin transfusion syndrome.** J Matern Fetal Neonatal Med. 2021 Jan 17:1-7. doi: 10.1080/14767058.2021.1873268. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33455509/>



23. Dash GF, Martin NG, Agrawal A, Lynskey MT, Slutske WS. **Are prescription misuse and illicit drug use etiologically distinct? A genetically-informed analysis of opioids and stimulants.** Psychol Med. 2021 Jan 18:1-8. doi: 10.1017/S0033291720005267. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33455586/>
24. DeYoung TH, Stortz SK, Riffenburgh RH, Wren GM, Spitzer TL, Lutgendorf MA, Thagard AS. **Establishing the Most Accurate Due Date in Dichorionic Twin Gestations by First and Second Trimester Ultrasound.** J Ultrasound Med. 2021 Jan 11. doi: 10.1002/jum.15615. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33426717/>
25. Ding G, Vinturache A, Yu J, Lu M, Pang Y, Tian Y, Zhang J. **Optimal delivery timing for twin pregnancies: A population-based retrospective cohort study.** Int J Clin Pract. 2021 Jan 8:e14014. doi: 10.1111/ijcp.14014. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33420725/>
26. Dulovic-Mahlow M, König IR, Trinh J, Diaw SH, Urban PP, Knappe E, Kuhnke N, Ingwersen LC, Hinrichs F, Weber J, Kupnicka P, Balck A, Delcambre S, Vollbrandt T, Grünewald A, Klein C, Seibler P, Lohmann K. **Discordant Monozygotic Parkinson Disease Twins: Role of Mitochondrial Integrity.** Ann Neurol. 2021 Jan;89(1):158-164. doi: 10.1002/ana.25942. Epub 2020 Nov 4.  
<https://pubmed.ncbi.nlm.nih.gov/33094862/>
27. Ehman D, Mugarab Samedi V, Kalaniti K, Daspal S. **Neonatal Escherichia coli infection in twins: clinical spectrum and management dilemma.** BMJ Case Rep. 2021 Jan 27;14(1):e238470. doi: 10.1136/bcr-2020-238470.  
<https://pubmed.ncbi.nlm.nih.gov/33504527/>
28. Eley KA, Rossi-Espagnet MC, Schievano S, Napolitano A, Ong J, Secinaro A, Borro L, Dunaway D, Marras CE, Rennie A, Robertson F, Picardo S, Longo D, Inserra A, Rollo M, Cooper J, Mankad K, Jeelani NO, D'Arco F. **Multiparametric Imaging for Presurgical Planning of Craniopagus Twins: The Experience of Two Tertiary Pediatric Hospitals with Six Sets of Twins.** Radiology. 2021 Jan;298(1):18-27. doi: 10.1148/radiol.2020202216. Epub 2020 Nov 3.  
<https://pubmed.ncbi.nlm.nih.gov/33141005/>
29. Espinoza J, Furtun BY, Kailin JA, Altman CA, Seaman RD, Belfort MA, Shamshirsaz AA, Nassr AA, Sanz Cortes M, Donepudi RV, Espinoza AF, Corroenne R, Lee W. **Umbilical Artery Doppler Patterns and Right Ventricular Outflow Abnormalities in Twin-Twin Transfusion Syndrome.** J Ultrasound Med. 2021 Jan;40(1):71-78. doi: 10.1002/jum.15377. Epub 2020 Jul 10.  
<https://pubmed.ncbi.nlm.nih.gov/32648616/>



30. Esteves-Pereira AP, da Cunha AJLA, Nakamura-Pereira M, Moreira ME, Domingues RMSM, Viellas EF, Leal MDC, Granado Nogueira da Gama S. **Twin pregnancy and perinatal outcomes: Data from 'Birth in Brazil Study'**. PLoS One. 2021 Jan 11;16(1):e0245152. doi: 10.1371/journal.pone.0245152. eCollection 2021.  
<https://pubmed.ncbi.nlm.nih.gov/33428660/>
31. Filipecka-Tyczka D, Pokropek A, Kajdy A, Modzelewski J, Rabijewski M. **Uterine Artery Doppler Reference Ranges in a Twin Caucasian Population Followed Longitudinally From 17 to 37 Weeks Gestation Compared to Singletons.** J Ultrasound Med. 2021 Jan 13. doi: 10.1002/jum.15627. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33438788/>
32. Foley DJ, Murphy BP. **Putting two toes out of line... mirror-image accessory toes in female monozygotic twins.** Arch Dis Child. 2021 Jan;106(1):30. doi: 10.1136/archdischild-2019-317775. Epub 2019 Nov 6.  
<https://pubmed.ncbi.nlm.nih.gov/31694806/>
33. Gagliardi L, Rusconi F, Reichman B, Adams M, Modi N, Lehtonen L, Kusuda S, Vento M, Darlow BA, Bassler D, Isayama T, Norman M, Håkansson S, Lee SK, Lui K, Yang J, Shah P; International Network for Evaluating Outcomes of Neonates (iNeo) Investigators. **Neonatal outcomes of extremely preterm twins by sex pairing: an international cohort study.** Arch Dis Child Fetal Neonatal Ed. 2021 Jan;106(1):17-24. doi: 10.1136/archdischild-2020-318832. Epub 2020 May 25.  
<https://pubmed.ncbi.nlm.nih.gov/32451356/>
34. Galiano V, Solazzo G, Rabinovici J, Nahid F, Rina H, Baccarelli AA, Machtinger R. **Cord blood androgen levels of females from same sex and opposite sex twins - A pilot study.** Clin Endocrinol (Oxf). 2021 Jan;94(1):85-89. doi: 10.1111/cen.14317.  
<https://pubmed.ncbi.nlm.nih.gov/32810873/>
35. Gao Q, Pang H, Luo H. **Conjoined twins in a spontaneous monochorionic triplet pregnancy: A case report and literature review.** Medicine (Baltimore). 2021 Jan 29;100(4):e24490. doi: 10.1097/MD.00000000000024490.  
<https://pubmed.ncbi.nlm.nih.gov/33530268/>
36. Garcia-Ispuerto I, López-Gatius F. **Benefits and Risks of Preventing Twin Pregnancies.** Animals (Basel). 2021 Jan 11;11(1):148. doi: 10.3390/ani11010148.  
<https://pubmed.ncbi.nlm.nih.gov/33440763/>
37. Garthwaite H, Stewart J, Wilkes S. **Multiple pregnancy rate in patients undergoing treatment with clomifene citrate for WHO group II ovulatory disorders: a systematic review.** Hum Fertil (Camb). 2021 Jan 15:1-10. doi: 10.1080/14647273.2021.1872803.  
<https://pubmed.ncbi.nlm.nih.gov/33451262/>



38. Gasperi M, Panizzon M, Goldberg J, Buchwald D, Afari N. **Posttraumatic Stress Disorder and Chronic Pain Conditions in Men: A Twin Study.** Psychosom Med. 2021 Feb-Mar 01;83(2):109-117. doi: 10.1097/PSY.0000000000000899.  
<https://pubmed.ncbi.nlm.nih.gov/33337593/>
39. Ghimire LV, Chou FS, Moon-Grady AJ. **High Birth Prevalence of Congenital Heart Diseases in Conjoined Twins and Higher Order Multiple Births.** Am J Cardiol. 2021 Jan 6:S0002-9149(21)00004-7. doi: 10.1016/j.amjcard.2020.12.074.  
<https://pubmed.ncbi.nlm.nih.gov/33417878/>
40. Giorgione V, D'Antonio F, Manji A, Reed K, Khalil A. **Perinatal outcomes of pregnancies complicated by twin anemia-polycythemia sequence: a systematic review and meta-analysis.** Ultrasound Obstet Gynecol. 2021 Jan 11. doi: 10.1002/uog.23585. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33428243/>
41. Goossens SM, Ensing S, Roumen FJ, Nijhuis JG, Mol BW. **Neonatal outcomes according to actual delivery mode after planned vaginal delivery in women with a twin pregnancy.** Eur J Obstet Gynecol Reprod Biol. 2021 Jan;256:17-24. doi: 10.1016/j.ejogrb.2020.10.047. Epub 2020 Nov 1.  
<https://pubmed.ncbi.nlm.nih.gov/33161210/>
42. Groene SG, Spekman JA, Te Pas AB, Heijmans BT, Haak MC, van Klink JMM, Roest AAW, Lopriore E. **Respiratory distress syndrome and bronchopulmonary dysplasia after fetal growth restriction: Lessons from a natural experiment in identical twins.** EClinicalMedicine. 2021 Jan 29;32:100725. doi: 10.1016/j.eclinm.2021.100725.  
<https://pubmed.ncbi.nlm.nih.gov/33554092/>
43. Ha TN, Nguyen TN, Huynh C, Nguyen HC, Le QT, Dao TH. **Intra-abdominal fetus in fetu presenting at 31 weeks gestational age.** Radiol Case Rep. 2021 Jan 30;16(4):863-866. doi: 10.1016/j.radcr.2021.01.028. eCollection 2021 Apr.  
<https://pubmed.ncbi.nlm.nih.gov/33552341/>
44. Harbison AL, Pruetz JD, Ma S, Sklansky MS, Chmait RH, DeVore GR. **Evaluation of cardiac function in the recipient twin in successfully treated twin-to-twin transfusion syndrome using a novel fetal speckle-tracking analysis.** Prenat Diagn. 2021 Jan;41(1):136-144. doi: 10.1002/pd.5835. Epub 2020 Nov 23.  
<https://pubmed.ncbi.nlm.nih.gov/33015877/>
45. Hayiou-Thomas ME, Smith-Woolley E, Dale PS. **Breadth versus depth: Cumulative risk model and continuous measure prediction of poor language and reading outcomes at 12.** Dev Sci. 2021 Jan;24(1):e12998. doi: 10.1111/desc.12998.  
<https://pubmed.ncbi.nlm.nih.gov/32449284/>



- 
46. Herle M, Madrid-Valero JJ, Morosoli JJ, Colodro-Conde L, Ordoñana J. **The Role of the Environment in Overweight and Eating Behavior Variability: Insights from a Multivariate Twin Study.** *Twin Res Hum Genet.* 2021 Jan 22:1-7. doi: 10.1017/thg.2020.90. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33480833/>
47. Hirsch L, Barrett J, Aviram A, Mei-Dan E, Yoon EW, Zaltz A, Kingdom J, Melamed N. **Patterns of Discordant Growth and Adverse Neonatal Outcomes in Twins.** *Am J Obstet Gynecol.* 2021 Jan 25:S0002-9378(21)00055-7. doi: 10.1016/j.ajog.2021.01.018. <https://pubmed.ncbi.nlm.nih.gov/33508311/>
48. Ho E, Ferreira M, Pinheiro M, Carvalho-E-Silva A, Madrid-Valero J, Zadro J, Ordoñana J, Ferreira P. **Factors associated with seeking medical care for low back pain in a twin adult sample.** *Eur J Pain.* 2021 Jan 20. doi: 10.1002/ejp.1731. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33469982/>
49. Huijbregtse BM, Hatoum AS, Corley RP, Rhea SA, Hewitt JK, Stallings MC. **Etiological Overlap Between Sex Under the Influence and Number of Lifetime Sexual Partners.** *Behav Genet.* 2021 Jan;51(1):12-29. doi: 10.1007/s10519-020-10019-7. <https://pubmed.ncbi.nlm.nih.gov/33118127/>
50. Ji W, Hou B, Li W, Guo F, He P, Zheng J. **Associations between first-trimester intrauterine hematoma and twin pregnancy outcomes: a retrospective cohort study.** *BMC Pregnancy Childbirth.* 2021 Jan 11;21(1):46. doi: 10.1186/s12884-020-03528-0. <https://pubmed.ncbi.nlm.nih.gov/33430833/>
51. 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.* 2021 Jan;47(1):28-37. doi: 10.1002/ab.21928. Epub 2020 Aug 27. <https://pubmed.ncbi.nlm.nih.gov/32853475/>
52. Jonsson H, Magnusdottir E, Eggertsson HP, Stefansson OA, Arnadottir GA, Eiriksson O, Zink F, Helgason EA, Jonsdottir I, Gylfason A, Jonasdottir A, Jonasdottir A, Beyter D, Steingrimsdottir T, Norddahl GL, Magnusson OT, Masson G, Halldorsson BV, Thorsteinsdottir U, Helgason A, Sulem P, Gudbjartsson DF, Stefansson K. **Differences between germline genomes of monozygotic twins.** *Nat Genet.* 2021 Jan;53(1):27-34. doi: 10.1038/s41588-020-00755-1. Epub 2021 Jan 7. <https://pubmed.ncbi.nlm.nih.gov/33414551/>



- 
53. 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.* 2021 Jan 22;23(2):334-340. doi: 10.1093/ntr/ntaa161.  
<https://pubmed.ncbi.nlm.nih.gov/32832997/>
54. Khalil A, Archer R, Hutchinson V, Mousa HA, Johnstone ED, Cameron MJ, Cohen KE, Ioannou C, Kelly B, Reed K, Hulme R, Papageorgiou AT. **Non-invasive Prenatal Screening in Twin Pregnancies with cell-free DNA using the IONA Test: a prospective multicentre study.** *Am J Obstet Gynecol.* 2021 Jan 15:S0002-9378(21)00028-4. doi: 10.1016/j.ajog.2021.01.005. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33460583/>
55. Khalil A, Reed K. **Confidential Enquiry into Stillbirth and Neonatal Death in Twins: key messages for obstetricians and fetal medicine specialists.** *Ultrasound Obstet Gynecol.* 2021 Jan 19. doi: 10.1002/uog.23594. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33463820/>
56. Khalil A, Townsend R, Reed K, Lopriore E. **A call to action: long-term neurodevelopment in monozygotic twins.** *Ultrasound Obstet Gynecol.* 2021 Jan 12. doi: 10.1002/uog.23591. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33438253/>
57. Kuja-Halkola R, Lind Juto K, Skoglund C, Rück C, Mataix-Cols D, Pérez-Vigil A, Larsson J, Hellner C, Långström N, Petrovic P, Lichtenstein P, Larsson H. **Do borderline personality disorder and attention-deficit/hyperactivity disorder co-aggregate in families? A population-based study of 2 million Swedes.** *Mol Psychiatry.* 2021 Jan;26(1):341-349. doi: 10.1038/s41380-018-0248-5. Epub 2018 Oct 15.  
<https://pubmed.ncbi.nlm.nih.gov/30323291/>
58. Lazar A, Löfkvist U, Verrecchia L, Karltorp E. **Identical twins affected by congenital cytomegalovirus infections showed different audio-vestibular profiles.** *Acta Paediatr.* 2021 Jan;110(1):30-35. doi: 10.1111/apa.15561. Epub 2020 Nov 5.  
<https://pubmed.ncbi.nlm.nih.gov/32956548/>
59. Li W, Nelson KE. **Microbial Species that Initially Colonize the Human Gut at Birth or in Early Childhood Can Stay in Human Body for Lifetime.** *Microb Ecol.* 2021 Jan 7. doi: 10.1007/s00248-020-01636-0. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33410935/>
60. Li X, Li C, Sun M, Li H, Cao Y, Wei Z. **Spontaneous unscarred uterine rupture in a twin pregnancy complicated by adenomyosis: A case report.** *Medicine (Baltimore).* 2021 Jan 22;100(3):e24048. doi: 10.1097/MD.00000000000024048.  
<https://pubmed.ncbi.nlm.nih.gov/33546004/>





61. Li Z, Huang J, Hung KSY, Deng Y, Wang Y, Wang Y, Lui SSY, Mak HKF, Sham PC, Cheung EFC, Öngür D, Dazzan P, Chan RCK. **Cerebellar hypoactivation is associated with impaired sensory integration in schizophrenia.** J Abnorm Psychol. 2021 Jan;130(1):102-111. doi: 10.1037/abn0000636. Epub 2020 Oct 19. <https://pubmed.ncbi.nlm.nih.gov/33074697/>
62. Li-Gao R, Boomsma DI, de Geus EJC, Denollet J, Kupper N. **The Heritability of Type D Personality by an Extended Twin-Pedigree Analysis in the Netherlands Twin Register.** Behav Genet. 2021 Jan;51(1):1-11. doi: 10.1007/s10519-020-10023-x. <https://pubmed.ncbi.nlm.nih.gov/33064246/>
63. Lin D, Li P, Fan D, Chen G, Wu S, Ye S, Ma H, Rao J, Zhou Z, Zeng M, Huang Z, Guo X, Liu Z. **Association between IVF/ICSI treatment and preterm birth and major perinatal outcomes among dichorionic-diamniotic twin pregnancies: A seven-year retrospective cohort study.** Acta Obstet Gynecol Scand. 2021 Jan;100(1):162-169. doi: 10.1111/aogs.13981. Epub 2020 Oct 5. <https://pubmed.ncbi.nlm.nih.gov/32865233/>
64. Liu HL, Huang S, Wang X, Qi HB, Li JN, Zhang L. **The role of umbilical artery velocities in the clinical assessment of twin-twin transfusion syndrome at stage.** Int J Gynaecol Obstet. 2021 Jan 10. doi: 10.1002/ijgo.13590. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33423303/>
65. Liu X, Shi J. **Maternal age is associated with embryo splitting after single embryo transfer: a retrospective cohort study.** J Assist Reprod Genet. 2021 Jan;38(1):79-83. doi: 10.1007/s10815-020-01988-z. Epub 2020 Oct 23. <https://pubmed.ncbi.nlm.nih.gov/33098038/>
66. Lloyd RO, O'Toole JM, Livingstone V, Filan PM, Boylan GB. **Mathematical Analysis of EEG Concordance in Preterm Twin Infants.** J Clin Neurophysiol. 2021 Jan 1;38(1):62-68. doi: 10.1097/WNP.0000000000000645. <https://pubmed.ncbi.nlm.nih.gov/31714333/>
67. Long JM, Trubenbach LA, Pryor JH, Long CR, Wickersham TA, Sawyer JE, Satterfield MC. **Maternal nutrient restriction alters endocrine pancreas development in fetal heifers.** Domest Anim Endocrinol. 2021 Jan;74:106580. doi: 10.1016/j.domaniend.2020.106580. Epub 2020 Oct 10. <https://pubmed.ncbi.nlm.nih.gov/33160154/>



68. Louchet M, Peytavin G, Didelot H, Lê M, Bourgeois-Moine A, Carbillon L, Luton D, Matheron I, Rigonnot L, Mandelbrot L. **Frequency of differential placental transfer to twins of maternal antiretroviral medications.** Eur J Obstet Gynecol Reprod Biol. 2021 Jan;256:405-411. doi: 10.1016/j.ejogrb.2020.11.004. Epub 2020 Nov 10.  
<https://pubmed.ncbi.nlm.nih.gov/33285497/>
69. Luke B, Brown MB, Wantman E, Forestieri NE, Browne ML, Fisher SC, Yazdy MM, Ethen MK, Canfield MA, Watkins S, Nichols HB, Farland LV, Oehninger S, Doody KJ, Eisenberg ML, Baker VL. **The risk of birth defects with conception by ART.** Hum Reprod. 2021 Jan 1;36(1):116-129. doi: 10.1093/humrep/deaa272.  
<https://pubmed.ncbi.nlm.nih.gov/33251542/>
70. Luxton JJ, Bailey SM. **Twins, Telomeres, and Aging-in Space!** Plast Reconstr Surg. 2021 Jan 1;147(1S-2):7S-14S. doi: 10.1097/PRS.00000000000007616.  
<https://pubmed.ncbi.nlm.nih.gov/33347069/>
71. Määttä AM, Salminen A, Pietiäinen M, Leskelä J, Palviainen T, Sattler W, Sinisalo J, Salomaa V, Kaprio J, Pussinen PJ. **Endotoxemia is associated with an adverse metabolic profile.** Innate Immun. 2021 Jan;27(1):3-14. doi: 10.1177/1753425920971702. Epub 2020 Nov 27.  
<https://pubmed.ncbi.nlm.nih.gov/33243051/>
72. Madrid-Valero JJ, Rubio-Aparicio M, Gregory AM, Sánchez-Meca J, Ordoñana JR. **The heritability of insomnia: Systematic review and meta-analysis of twin studies.** Sleep Med Rev. 2021 Jan 21;58:101437. doi: 10.1016/j.smrv.2021.101437.  
<https://pubmed.ncbi.nlm.nih.gov/33556853/>
73. Maes HH, Neale MC, Kirkpatrick RM, Kendler KS. **Using Multimodel Inference/Model Averaging to Model Causes of Covariation Between Variables in Twins.** Behav Genet. 2021 Jan;51(1):82-96. doi: 10.1007/s10519-020-10026-8. Epub 2020 Nov 4.  
<https://pubmed.ncbi.nlm.nih.gov/33150523/>
74. Massalska D, Bijok J, Kucińska-Chahwan A, Zimowski JG, Panek G, Roszkowski T. **Twin pregnancies discordant for digynic triploidy - A case series.** Taiwan J Obstet Gynecol. 2021 Jan;60(1):139-141. doi: 10.1016/j.tjog.2020.11.021.  
<https://pubmed.ncbi.nlm.nih.gov/33494988/>
75. McGannon CJ, Dang VQ, Mol BW. **High dose progesterone for prevention of preterm birth in twins.** Am J Obstet Gynecol. 2021 Jan 19:S0002-9378(21)00031-4. doi: 10.1016/j.ajog.2021.01.008. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33482154/>



- 
76. Mei Y, Yu J, Wen L, Fan X, Zhao Y, Li J, Qiao J, Fu H, Leong P, Saffery R, Tong Q, Kilby MD, Qi H, Tong C, Baker PN. **Perinatal outcomes and offspring growth profiles in twin pregnancies complicated by gestational diabetes mellitus: A longitudinal cohort study.** *Diabetes Res Clin Pract.* 2021 Jan;171:108623. doi: 10.1016/j.diabres.2020.108623. Epub 2020 Dec 13.  
<https://pubmed.ncbi.nlm.nih.gov/33316314/>
77. Miller HE, Leonard SA, Fox KA, Carusi DA, Lyell DJ. **Placenta Accreta Spectrum Among Women With Twin Gestations.** *Obstet Gynecol.* 2021 Jan 1;137(1):132-138. doi: 10.1097/AOG.0000000000004204.  
<https://pubmed.ncbi.nlm.nih.gov/33278284/>
78. Mitchell BL, Kirk KM, McAloney K, Wright MJ, Davenport TA, Hermens DF, Scott JG, McGrath JJ, Gillespie NA, Carpenter JS, O'Callaghan VS, Medland S, Christensen H, Martin NG, Burns JM, Hickie IB. **16Up: Outline of a Study Investigating Wellbeing and Information and Communication Technology Use in Adolescent Twins.** *Twin Res Hum Genet.* 2021 Jan 29:1-13. doi: 10.1017/thg.2020.83. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33509317/>
79. Mizuguchi T, Okamoto N, Yanagihara K, Miyatake S, Uchiyama Y, Tsuchida N, Hamanaka K, Fujita A, Miyake N, Matsumoto N. **Pathogenic 12-kb copy-neutral inversion in syndromic intellectual disability identified by high-fidelity long-read sequencing.** *Genomics.* 2021 Jan;113(1 Pt 2):1044-1053. doi: 10.1016/j.ygeno.2020.10.038. Epub 2020 Nov 4.  
<https://pubmed.ncbi.nlm.nih.gov/33157260/>
80. Mompeo O, Gibson R, Christofidou P, Spector TD, Menni C, Mangino M. **Genetic and Environmental Influences of Dietary Indices in a UK Female Twin Cohort.** *Twin Res Hum Genet.* 2021 Jan 18:1-8. doi: 10.1017/thg.2020.84. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33455612/>
81. Mon A, Yip J, Zalud I, Thompson KS. **Monochorionic Triplet Pregnancies With Twin Reversed Arterial Perfusion and Acardiac Triplet: Report of Two Cases and Literature Review.** *Pediatr Dev Pathol.* 2021 Jan 13:1093526620984143. doi: 10.1177/1093526620984143. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33439111/>
82. Morrison CL, Rhee SH, Smolker HR, Corley RP, Hewitt JK, Friedman NP. **Genetic and Environmental Influences on Stressful Life Events and their Associations with Executive Functions in Young Adulthood: A Longitudinal Twin Analysis.** *Behav Genet.* 2021 Jan;51(1):30-44. doi: 10.1007/s10519-020-10017-9. Epub 2020 Sep 21.  
<https://pubmed.ncbi.nlm.nih.gov/32959091/>



- 
83. Murphy J, Shevlin M, Arseneault L, Bental R, Caspi A, Danese A, Hyland P, Moffitt TE, Fisher HL. **Externalizing the threat from within: A new direction for researching associations between suicide and psychotic experiences.** Dev Psychopathol. 2021 Jan 6:1-11. doi: 10.1017/S0954579420001728. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33402232/>
84. Orabona R, Sciatti E, Vizzardì E, Bonadei I, Metra M, Sartori E, Frusca T, Pinna A, Bellocco R, Prefumo F. **Maternal hemodynamics, arterial stiffness and elastic aortic properties in twin pregnancy.** Physiol Meas. 2021 Jan 1;41(12):125001. doi: 10.1088/1361-6579/abb760.  
<https://pubmed.ncbi.nlm.nih.gov/33385315/>
85. O'Reilly LM, Pettersson E, Quinn PD, Klonsky ED, Baldwin JR, Lundström S, Larsson H, Lichtenstein P, D'Onofrio BM. **A Co-Twin Control Study of the Association Between Bullying Victimization and Self-Harm and Suicide Attempt in Adolescence.** J Adolesc Health. 2021 Jan 18:S1054-139X(20)30687-X. doi: 10.1016/j.jadohealth.2020.11.018. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33478917/>
86. Phillips L, Lundholm C, Örtqvist L, Almqvist C, Nordenskjöld A, Skarin Nordenvall A. **Fertility in men with hypospadias: A nationwide register-based study using dizygotic twinning rates as an indicator of semen quality.** Andrology. 2021 Jan 20. doi: 10.1111/andr.12975. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33470034/>
87. Planterose Jiménez B, Liu F, Caliebe A, Montiel González D, Bell JT, Kayser M, Vidaki A. **Equivalent DNA methylation variation between monozygotic co-twins and unrelated individuals reveals universal epigenetic inter-individual dissimilarity.** Genome Biol. 2021 Jan 5;22(1):18. doi: 10.1186/s13059-020-02223-9.  
<https://pubmed.ncbi.nlm.nih.gov/33402197/>
88. Prasad U, Mohnani A, Hussain N. **Spontaneous Intestinal Perforation Associated with Premature Twin Infants.** J Neonatal Perinatal Med. 2021 Jan 12. doi: 10.3233/NPM-200541. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33459668/>
89. Pua EPK, Thomson P, Yang JY, Craig JM, Ball G, Seal M. **Individual Differences in Intrinsic Brain Networks Predict Symptom Severity in Autism Spectrum Disorders.** Cereb Cortex. 2021 Jan 1;31(1):681-693. doi: 10.1093/cercor/bhaa252.  
<https://pubmed.ncbi.nlm.nih.gov/32959054/>



90. Quinones Sanchez JF, Liu X, Zhou C, Hildebrandt A. **Nature and nurture shape structural connectivity in the face processing brain network.** Neuroimage. 2021 Jan 21;229:117736. doi: 10.1016/j.neuroimage.2021.117736. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33486123/>
91. Rabinowitz YS, Galvis V, Tello A, Rueda D, García JD. **Genetics vs chronic corneal mechanical trauma in the etiology of keratoconus.** Exp Eye Res. 2021 Jan;202:108328. doi: 10.1016/j.exer.2020.108328. Epub 2020 Oct 24.  
<https://pubmed.ncbi.nlm.nih.gov/33172608/>
92. Rautalin I, Korja M, Kaprio J. **Response by Rautalin et al Letter Regarding Article, "Smoking Causes Fatal Subarachnoid Hemorrhage: A Case-Control Study of Finnish Twins".** Stroke. 2021 Jan;52(2):e74-e75. doi: 10.1161/STROKEAHA.120.033235. Epub 2021 Jan 25.  
<https://pubmed.ncbi.nlm.nih.gov/33493063/>
93. Rehal A, Benkő Z, De Paco Matallana C, Syngelaki A, Janga D, Cicero S, Akolekar R, Singh M, Chaveeva P, Burgos J, Molina FS, Savvidou M, De La Calle M, Persico N, Quezada Rojas MS, Sau A, Greco E, O'Gorman N, Plasencia W, Pereira S, Jani JC, Valino N, Del Mar Gil M, Maclagan K, Wright A, Wright D, Nicolaides KH. **Early vaginal progesterone versus placebo in twin pregnancies for the prevention of spontaneous preterm birth: a randomized, double-blind trial.** Am J Obstet Gynecol. 2021 Jan;224(1):86.e1-86.e19. doi: 10.1016/j.ajog.2020.06.050.  
<https://pubmed.ncbi.nlm.nih.gov/32598909/>
94. Rezende TMS, Weihermann V, Fachin CG, Bruns RF, Dias AIBS. **Twin-twin transfusion syndrome - a University Hospital experience with intrauterine treatment.** Rev Col Bras Cir. 2021 Jan 20;48:e20202671. doi: 10.1590/0100-6991e-20202671. eCollection 2021.  
<https://pubmed.ncbi.nlm.nih.gov/33503142/>
95. Rolf B, Krawczak M. **The germlines of male monozygotic (MZ) twins: Very similar, but not identical.** Forensic Sci Int Genet. 2021 Jan;50:102408. doi: 10.1016/j.fsigen.2020.102408. Epub 2020 Oct 21.  
<https://pubmed.ncbi.nlm.nih.gov/33157386/>
96. Sabre A, Sisti G, Gaither K. **Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio in Twins Compared with Singletons.** South Med J. 2021 Jan;114(1):28-31. doi: 10.14423/SMJ.0000000000001190.  
<https://pubmed.ncbi.nlm.nih.gov/33398357/>



97. Sarkisian K, Van Hulle C, Goldsmith HH. **Persistence During Childhood Problem-Solving as a Predictor of Active Suicidal Ideation During Adolescence.** Res Child Adolesc Psychopathol. 2021 Jan 9. doi: 10.1007/s10802-020-00726-4.  
<https://pubmed.ncbi.nlm.nih.gov/33420546/>
98. Sato Y, Iura A, Kawamoto Y, Yamamoto S, Iritakenishi T, Fujino Y. **Successful anesthetic management of separation surgery for pygopagus conjoined twins: a case report.** JA Clin Rep. 2021 Jan 6;7(1):6. doi: 10.1186/s40981-020-00406-8.  
<https://pubmed.ncbi.nlm.nih.gov/33404797/>
99. Schamschula E, Hagmann W, Assenov Y, Hedtfeld S, Farag AK, Roesner LM, Wiehlmann L, Stanke F, Fischer S, Risch A, Tümmler B. **Immunotyping of clinically divergent p.Phe508del homozygous monozygous cystic fibrosis twins.** J Cyst Fibros. 2021 Jan;20(1):149-153. doi: 10.1016/j.jcf.2020.06.009. Epub 2020 Jun 13.  
<https://pubmed.ncbi.nlm.nih.gov/32540173/>
100. 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. 2021 Jan;9(1):51-55. doi: 10.1007/s43390-020-00172-8. Epub 2020 Aug 6.  
<https://pubmed.ncbi.nlm.nih.gov/32761476/>
101. Sebghati M, Khalil A. **Reduction of multiple pregnancy: Counselling and techniques.** Best Pract Res Clin Obstet Gynaecol. 2021 Jan;70:112-122. doi: 10.1016/j.bpobgyn.2020.06.013. Epub 2020 Aug 6.  
<https://pubmed.ncbi.nlm.nih.gov/32859535/>
102. Shimura M, Obata S, Misumi T, Miyagi E, Aoki S. **Are the Institute of Medicine guidelines for optimal gestational weight gain in twin pregnancies applicable to Japanese women?** J Obstet Gynaecol Res. 2021 Jan;47(1):337-342. doi: 10.1111/jog.14529. Epub 2020 Oct 13.  
<https://pubmed.ncbi.nlm.nih.gov/33051925/>
103. Shinar S, Xing W, Pruthi V, Jianping C, Slaghekke F, Groene S, Lopriore E, Lewi L, Couck I, Yinon Y, Batsry L, Raio L, Amylidi-Mohr S, Baud D, Kneuss F, Dekoninck P, Moscou J, Barrett J, Melamed N, Ryan G, Sun L, Van Mieghem T. **Outcome of monozygotic twin pregnancy complicated by Type-III selective intrauterine growth restriction.** Ultrasound Obstet Gynecol. 2021 Jan;57(1):126-133. doi: 10.1002/uog.23515.  
<https://pubmed.ncbi.nlm.nih.gov/33073883/>



- 
104. Silver IA, Nedelec JL, Segal NL, Lonergan H. **Heteropaternal Siblings Misclassified as Dizygotic Twins: A Potential Biasing Factor for Heritability Estimates?**. Behav Genet. 2021 Jan 5. doi: 10.1007/s10519-020-10039-3. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33400062/>
105. Snoap A, Varadarajan VV, Mowitz ME, Islam S, Collins WO. **Airway management protocol for conjoined twins delivery**. Int J Pediatr Otorhinolaryngol. 2021 Jan;140:110477. doi: 10.1016/j.ijporl.2020.110477. Epub 2020 Nov 4.  
<https://pubmed.ncbi.nlm.nih.gov/33243620/>
106. Song H, Fang F, Larsson H, Pedersen NL, Magnusson PK, Almqvist C, Valdimarsdóttir UA. **Loss of a co-twin at birth and subsequent risk of psychiatric disorders**. Elife. 2021 Jan 28;10:e63514. doi: 10.7554/eLife.63514.  
<https://pubmed.ncbi.nlm.nih.gov/33507148/>
107. 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. 2021 Jan;53(1):58-67. doi: 10.1249/MSS.0000000000002461.  
<https://pubmed.ncbi.nlm.nih.gov/32826634/>
108. Ting Y, Xue-Lan L, Chun-Bao W, Ting Z, Fen L, Zhen H. **Dichorionic twin pregnancy with sirenomelia and chromosomal anomaly in 1 fetus: A case report**. Medicine (Baltimore). 2021 Jan 8;100(1):e24229. doi: 10.1097/MD.00000000000024229.  
<https://pubmed.ncbi.nlm.nih.gov/33429820/>
109. Torgersen S, Waaktaar T. **The Oslo University Adolescent and Young Adult Twin Project: Recruitment and Attrition - CORRIGENDUM**. Twin Res Hum Genet. 2021 Jan 18:1. doi: 10.1017/thg.2020.88. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33455602/>
110. Turan OM, Asoglu MR, Harman C. **Modified fetoscopic laser surgery in twin-to-twin transfusion syndrome with proximate cord insertions: a report of two cases and literature review**. J Matern Fetal Neonatal Med. 2021 Jan;34(1):163-166. doi: 10.1080/14767058.2019.1571578. Epub 2019 Jan 31.  
<https://pubmed.ncbi.nlm.nih.gov/30651014/>
111. Tyler J, Lam J, Scurrah K, Dite G. **The Association Between Chronic Disease and Psychological Distress: An Australian Twin Study**. Twin Res Hum Genet. 2021 Jan 29:1-8. doi: 10.1017/thg.2020.86. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/33509319/>



112. Vermeulen MCM, van der Heijden KB, Kocev'ska D, Treur JL, Huppertz C, van Beijsterveldt CEM, Boomsma DI, Swaab H, Van Someren EJW, Bartels M. **Associations of sleep with psychological problems and well-being in adolescence: causality or common genetic predispositions?**. J Child Psychol Psychiatry. 2021 Jan;62(1):28-39. doi: 10.1111/jcpp.13238. Epub 2020 May 12. <https://pubmed.ncbi.nlm.nih.gov/32396669/>
113. Wang H, Zhou Q, Wang X, Song J, Chen P, Wang Y, Li L, Li H. **Influence of indications on perinatal outcomes after radio frequency ablation in complicated monozygotic pregnancies: a retrospective cohort study.** BMC Pregnancy Childbirth. 2021 Jan 9;21(1):41. doi: 10.1186/s12884-020-03530-6. <https://pubmed.ncbi.nlm.nih.gov/33422050/>
114. Wang Y, Liu C, Yin A, Zhao X, He W, Xiong Y, Fang L, Wu J. **Prenatal diagnosis of fetal right ventricular diverticulum with massive pericardial effusion in one of monozygotic diamniotic twins: a case report with a favorable outcome following in utero pericardiocentesis.** J Int Med Res. 2021 Jan;49(1):300060520986668. doi: 10.1177/0300060520986668. <https://pubmed.ncbi.nlm.nih.gov/33478307/>
115. Wei M, Yang Y, Jin X, Yang J, Huang D, Zhang S. **A comparison of pregnancy outcome of emergency modified transvaginal cervicoisthmic cerclage performed in twin and singleton pregnancies.** Arch Gynecol Obstet. 2021 Jan 2. doi: 10.1007/s00404-020-05852-4. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33386955/>
116. Wesseldijk LW, Mosing MA, Ullén F. **Why Is an Early Start of Training Related to Musical Skills in Adulthood? A Genetically Informative Study.** Psychol Sci. 2021 Jan;32(1):3-13. doi: 10.1177/0956797620959014. Epub 2020 Dec 14. <https://pubmed.ncbi.nlm.nih.gov/33308000/>
117. Whitfield JB, Colodro-Conde L, Timmers PRHJ, Joshi PK, Montgomery GW, Martin NG. **Comparison of Familial, Polygenic and Biochemical Predictors of Mortality.** Twin Res Hum Genet. 2021 Jan 29:1-9. doi: 10.1017/thg.2020.89. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33509326/>
118. Wright D, Nicolaidis KH. **Reply to High dose progesterone for prevention of preterm birth in twins.** Am J Obstet Gynecol. 2021 Jan 19:S0002-9378(21)00032-6. doi: 10.1016/j.ajog.2021.01.009. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33482153/>





- 
119. Wu Y, Yu X. **Letter by Wu and Yu Regarding Article, "Smoking Causes Fatal Subarachnoid Hemorrhage: A Case-Control Study of Finnish Twins"**. Stroke. 2021 Jan;52(2):e73. doi: 10.1161/STROKEAHA.120.032874. Epub 2021 Jan 25.  
<https://pubmed.ncbi.nlm.nih.gov/33493040/>
120. Xiao Y, Ma S, Tao X, Wen SW, Tan H, Liu W, Shen M. **Intertwin birthweight discordance and parental race: a retrospective cohort study**. J Matern Fetal Neonatal Med. 2021 Jan;34(2):293-299. doi: 10.1080/14767058.2019.1602865.  
<https://pubmed.ncbi.nlm.nih.gov/30935270/>
121. Xie F, Hao J, Richard SA, Yang Y, Zou W, Liu HB, Deng M, Zhang C. **Awake endovascular coiling of a dissected intracranial aneurysm in a third-trimester twin pregnancy: A case report**. Medicine (Baltimore). 2021 Jan 8;100(1):e24239. doi: 10.1097/MD.00000000000024239.  
<https://pubmed.ncbi.nlm.nih.gov/33429826/>
122. Yamamoto R, Nakanishi K, Kawaguchi H, Hayashi S, Ishii K. **Prevalence of Extraplacental Anastomoses in Monochorionic Twin Pregnancies**. Fetal Diagn Ther. 2021;48(1):24-27. doi: 10.1159/000510636. Epub 2020 Oct 15.  
<https://pubmed.ncbi.nlm.nih.gov/33059349/>
123. Yan Z, Maecker HT, Brodin P, Nygaard UC, Lyu SC, Davis MM, Nadeau KC, Andorf S. **Aging and CMV discordance are associated with increased immune diversity between monozygotic twins**. Immun Ageing. 2021 Jan 18;18(1):5. doi: 10.1186/s12979-021-00216-1.  
<https://pubmed.ncbi.nlm.nih.gov/33461563/>
124. Zemet R, Haas J, Bart Y, Barzilay E, Shapira M, Zloto K, Hershenson R, Weisz B, Yinon Y, Mazaki-Tovi S, Lipitz S. **Optimal timing of fetal reduction from twins to singleton: earlier the better or later the better?**. Ultrasound Obstet Gynecol. 2021 Jan;57(1):134-140. doi: 10.1002/uog.22119.  
<https://pubmed.ncbi.nlm.nih.gov/32529669/>
125. Zhang Y, Zhong M, Zheng D. **Chromosomal mosaicism detected by karyotyping and chromosomal microarray analysis in prenatal diagnosis**. J Cell Mol Med. 2021 Jan;25(1):358-366. doi: 10.1111/jcmm.16080. Epub 2020 Nov 17.  
<https://pubmed.ncbi.nlm.nih.gov/33201576/>