**Fetal cardiology and genetics March 2019**

1. [Linking pre-existing biorepositories for medical research: the PopGen 2.0 Network.](https://www.ncbi.nlm.nih.gov/pubmed/30927239)

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2. [Three-dimensional visualisation of the fetal heart using prenatal MRI with motion-corrected slice-volume registration: a prospective, single-centre cohort study.](https://www.ncbi.nlm.nih.gov/pubmed/30910324)

Lloyd DFA, Pushparajah K, Simpson JM, van Amerom JFP, van Poppel MPM, Schulz A, Kainz B, Deprez M, Lohezic M, Allsop J, Mathur S, Bellsham-Revell H, Vigneswaran T, Charakida M, Miller O, Zidere V, Sharland G, Rutherford M, Hajnal JV, Razavi R.

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3.[Brain and CSF Volumes in Fetuses and Neonates with Antenatal Diagnosis of Critical Congenital Heart Disease: A Longitudinal MRI Study.](https://www.ncbi.nlm.nih.gov/pubmed/30923087)

Claessens NHP, Khalili N, Isgum I, Ter Heide H, Steenhuis TJ, Turk E, Jansen NJG, de Vries LS, Breur JMPJ, de Heus R, Benders MJNL.

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4. [Fetal cardiomyopathy in neurofibromatosis type I: Novel phenotype and review of the literature.](https://www.ncbi.nlm.nih.gov/pubmed/30919579)

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Lai G, Li X, Zhang B, Wang L, He R, Zhao Y.

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7. [Genetic polymorphisms in MTR are associated with non-syndromic congenital heart disease from a family-based case-control study in the Chinese population.](https://www.ncbi.nlm.nih.gov/pubmed/30911047)

Deng C, Deng Y, Xie L, Yu L, Liu L, Liu H, Dai L.

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8. [Phenotype comparison among individuals with developmental delay/intellectual disability with or without genomic imbalances.](https://www.ncbi.nlm.nih.gov/pubmed/30900361)

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10. [Lessons from exome sequencing in prenatally diagnosed heart defects: A basis for prenatal testing.](https://www.ncbi.nlm.nih.gov/pubmed/30868567)

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14. [Prenatal exposure to PM2.5 and Congenital Heart Diseases in Taiwan.](https://www.ncbi.nlm.nih.gov/pubmed/30481714)

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15. [Prenatal heart block screening in mothers with SSA/SSB autoantibodies: Targeted screening protocol is a cost-effective strategy.](https://www.ncbi.nlm.nih.gov/pubmed/30444309)

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16. ['Absent' pulmonary valve with intact ventricular septum mimicking tricuspid valve atresia: Prenatal diagnosis and postnatal course.](https://www.ncbi.nlm.nih.gov/pubmed/30656796)

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17. [Prenatal Diagnosis Influences Preoperative Status in Neonates with Congenital Heart Disease: An Analysis of the Society of Thoracic Surgeons Congenital Heart Surgery Database.](https://www.ncbi.nlm.nih.gov/pubmed/30341588)

Quartermain MD, Hill KD, Goldberg DJ, Jacobs JP, Jacobs ML, Pasquali SK, Verghese GR, Wallace AS, Ungerleider RM.

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18. [Detailed Fetal Anatomic Ultrasound Examination: Effect of the 2014 Consensus Report on a Tertiary Referral Center.](https://www.ncbi.nlm.nih.gov/pubmed/30516729)

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19. [Biallelic mutation in MYH7 and MYBPC3 leads to severe cardiomyopathy with left ventricular non-compaction phenotype.](https://www.ncbi.nlm.nih.gov/pubmed/30924982)

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20. [A Novel Truncating Variant in FLNC-Encoded Filamin C May Serve as a Proarrhythmic Genetic Substrate for Arrhythmogenic Bileaflet Mitral Valve Prolapse Syndrome.](https://www.ncbi.nlm.nih.gov/pubmed/30935706)

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Paige SL, Yang W, Priest JR, Botto LD, Shaw GM, Collins RT 2nd; National Birth Defects Prevention Study.

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22. [Genetic polymorphisms in MTR are associated with non-syndromic congenital heart disease from a family-based case-control study in the Chinese population.](https://www.ncbi.nlm.nih.gov/pubmed/30911047)

Deng C, Deng Y, Xie L, Yu L, Liu L, Liu H, Dai L.

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23. [Lessons from exome sequencing in prenatally diagnosed heart defects: A basis for prenatal testing.](https://www.ncbi.nlm.nih.gov/pubmed/30868567)

Westphal DS, Leszinski GS, Rieger-Fackeldey E, Graf E, Weirich G, Meitinger T, Ostermayer E, Oberhoffer R, Wagner M.

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24. [Prenatal diagnosis of aortopulmonary window by foetal echocardiography: 'U or reversed U sign'.](https://www.ncbi.nlm.nih.gov/pubmed/30856023)

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27. [Z-Score Reference Ranges for Fetal Heart Functional Measurements in a Large Brazilian Pregnant Women Sample.](https://www.ncbi.nlm.nih.gov/pubmed/30415382)

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28. [Prenatal Diagnosis Influences Preoperative Status in Neonates with Congenital Heart Disease: An Analysis of the Society of Thoracic Surgeons Congenital Heart Surgery Database.](https://www.ncbi.nlm.nih.gov/pubmed/30341588)

Quartermain MD, Hill KD, Goldberg DJ, Jacobs JP, Jacobs ML, Pasquali SK, Verghese GR, Wallace AS, Ungerleider RM.

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29. [In-utero treatment of large symptomatic rhabdomyoma with sirolimus.](https://www.ncbi.nlm.nih.gov/pubmed/30549350)

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30. [Automated analysis of fetal cardiac function using color tissue Doppler imaging in second half of normal pregnancy.](https://www.ncbi.nlm.nih.gov/pubmed/29484743)

Herling L, Johnson J, Ferm-Widlund K, Bergholm F, Elmstedt N, Lindgren P, Sonesson SE, Acharya G, Westgren M.

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