

Special Issue

Novel Insights into Prenatal Genetic Testing—2nd Edition

Message from the Guest Editors

With the rapid development of technologies, up-to-date prenatal genetic testing enables the early and precise diagnosis of fetal genetic defects, and provides the family potential options for early management. However, coming along with the advancement of technologies, the number of genomic variants identified through different genetic tests is dramatically increasing, but most of them are difficult to correlate with the phenotypic presentation. On the other hand, even with the most comprehensive approach, such as high-read-depth genome sequencing, there is still a significant proportion of fetuses which received a negative finding. Both provide significant challenges to the laboratories, clinicians and the families to make a decision and provide proper management. In addition, the spectra of clinically significant genomic variants in fetuses with different affected systems/organs as important references are still largely unknown. Lastly, prenatal genetic testing requires rapid turn-around time, a low amount of sample input and the awareness of sample type. In the Special Issue, we welcome articles to address the aforementioned issues of prenatal genetic testing.

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Deadline for manuscript submissions

closed (25 January 2025)

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Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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