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Novel Insights into Prenatal Genetic Testing

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Deadline for manuscript submissions:
closed (25 October 2023)

Message from the Guest Editors

Dear Colleagues,

With rapid development of technologies (such as next-generation sequencing), current prenatal genetic testing enables early and precise diagnosis of fetal genetic defects, and provides potential options for early management for the family.

However, coming along with the advancement of technologies, the number of genomic variants identified through different genetic tests is dramatically increasing; 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. In addition, the spectrums of clinically significant genomic variants in fetuses with different affected systems/organs as important references are still largely unknown.

In this Special Issue, we welcome reviews, new methods (facilitating variant identification or interpretation), databases, and original articles to address the forementioned issues of prenatal genetic testing in order to provide novel insights for the readers.

We look forward to your contributions.

Prof. Dr. Elvis Zirui Dong
Prof. Dr. Tak Yeung Leung
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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