Special Issue

Novel Insights into Prenatal Genetic Testing

Message from the Guest Editors

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.

Guest Editors

Dr. Elvis Zirui Dong

Department of Obstetrics and Gynaecology, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong 999077, China

Prof. Dr. Tak Yeung Leung

Department of Obstetrics and Gynaecology, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong 999077, China

Deadline for manuscript submissions

closed (25 October 2023)

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/105093

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

mdpi.com/journal/genes

MDPI

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/journal/genes

MDPI

About the Journal

Message from the Editor-in-Chief

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?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))