Special Issue

Genetics and Genomics of Heritable Pediatric Disorders

Message from the Guest Editors

The identification of genetic defects and risk factors has increased dramatically in the last decade; however, the precise mechanisms underlying pathophysiology remain elusive for most genetic disorders. Consequently, effective treatments are yet to be established. Identifying specific genetic and physiological contributions to heritable pediatric disorders potentiates early interventions; targeted, more effective treatments; the anticipation of comorbidities; and counseling for parents on prognosis and recurrence risk.

We encourage submissions of unpublished original manuscripts with a strong genetic component describing recent advances in all aspects related, but not limited, to the following topics: functional studies on genes or variants, gene expression analyses, rare variant analyses, animal models, iPSCs (induced pluripotent stem cells), non-coding RNAs, clinical and molecular descriptions of new syndromic as well as non-syndromic forms of genetic disorders, clinical and molecular descriptions of congenital defects as well as dysmorphic syndromes in the prenatal and postnatal periods, and genotype–phenotype correlations.

Guest Editors

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Deadline for manuscript submissions

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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

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