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Molecular Basis and Genetics of Intellectual Disability

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Message from the Guest Editors

Intellectual disability (ID) is a common neurodevelopmental disorder characterized by an intelligent quotient (QI) lower than 70, which is associated with functional deficit in adaptive behavior. ID represents a major challenge in medicine, being the most frequent cause of disability in children (nearly 3 of 100 babies are affected) and the main reason for referral in clinical genetic centers. Although the identification of underlying genetic defects and risk factors has increased significantly with the help of diagnostic technologies in the last decade, the mechanisms underlying the pathophysiology for this disorder remain elusive and, consequently, effective treatments have not yet been established. Finding a specific cause for ID has the potential to lead to more effective early intervention, targeted treatments, anticipation of comorbidities, and counselling for parents about prognosis and recurrence risk.

We encourage submissions of unpublished original manuscripts (research articles, reviews, and communications) to have a strong genetic component describing recent advances in all aspects.

Deadline for manuscript submissions:
15 November 2024

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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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