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Molecular Mechanisms in Neurodevelopmental Disorders

Guest Editor:

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Deadline for manuscript submissions:
closed (20 February 2023)

Message from the Guest Editor

Around 80% of rare diseases have a genetic cause; nevertheless, limitations in diagnostic methods leave more than 30% of cases undiagnosed. Neurodevelopmental disorders (NDDs) are a group of rare diseases that result from abnormal brain development that may give rise to impaired cognition, communication, adaptive behavior, and psychomotor skills. Genetic and epigenetic/environmental factors play a key role in these NDDs, with significant societal impact. Today, multiple studies and research projects are being carried out worldwide on the implications of genetic aspects in the development of neurodevelopmental disorders. Successful implementation of genomic medicine hinges on accurate, evidence-based interpretation of genetic data to ensure both appropriate clinical management and care.

The special issue "Molecular Mechanisms in Neurodevelopmental Disorders" welcomes a variety of research papers including new insights into the genetic and/or epigenetic mechanism of neurodevelopmental disorders, reviews of genotype-phenotype correlation, and any other molecular mechanism that can lead to neurodevelopmental disorders.

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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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