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## Genetics of Neurodevelopmental Disorders

Guest Editors:

**Prof. Dr. Zeynep Tümer**

Kennedy Center, Department of  
Clinical Genetics, Copenhagen  
University Hospital,  
Rigshospitalet, 2100  
Copenhagen, Denmark

**Dr. Muhammad Sajid Hussain**

Cologne Center for Genomics  
(CCG), University of Cologne,  
50931 Cologne, Germany

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### Message from the Guest Editors

Neurodevelopmental disorders (NDs) are a group of conditions with onset in the developmental period, often in the pre-school years, and are characterized by developmental deficits that produce impairments of personal, social, academic, or occupational functioning. These conditions often co-occur and include intellectual disability, ADHD, OCD, Tourette syndrome, tic disorders, autism spectrum disorder, etc. Although several environmental causes have been recognized, this Special Issue concentrates on the genetic etiology of NDs. Research in the last 20 years has identified a few chromosomal regions, genes, and polymorphisms associated with the development of NDs. In some cases, these genetic variations are rare, often arise de novo, and have a strong effect, but in most cases, a large number of common variants, individually with a minor effect, contribute to the overall phenotype. Some of the underlying pathological mechanisms are well understood, but for most, additional research is needed to pinpoint the biological link between a genetic variant and the associated neuronal deficits.



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# Special Issue



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## 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

## 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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*Genes* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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