



genes



an Open Access Journal by MDPI

Genomics of Neuropsychiatric Disorders

Guest Editor:

Dr. Derek Morris

Discipline of Biochemistry,
National University of Ireland
Galway, Galway, Ireland

Deadline for manuscript
submissions:

closed (15 August 2022)

Message from the Guest Editor

Common neuropsychiatric disorders such as schizophrenia, bipolar disorder, and autism spectrum disorder (ASD) have high heritabilities >0.8 , indicating a strong genetic component to their etiology. Mortality is increased for these disorders but their biggest impact on societies and economies is due to the often chronic illness and significant disability that they cause. The systematic application of genome-wide association studies (GWAS) and next-generation sequencing (NGS) technologies to large population-based and family-based sample collections, coordinated by collaborative research consortia, has resulted in hundreds of new genetic findings for these disorders. This is uncovering the role of common and rare genetic variants in the etiology of these disorders and shining a light on their molecular mechanisms down to the individual types of cells that are affected in the brain. This Special Issue will bring together a set of reviews and research articles that explore how the application of genomics data science to genetic and phenotypic data from studies of neuropsychiatric disorders is providing novel insights into the biology of these illnesses.



mdpi.com/si/60297

Special Issue



genes



an Open Access Journal by MDPI

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.

Why not consider *Genes* for your next genetics paper?

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)*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](#)