Special Issue

Advances in Genetic Variants in Neurological and Psychiatric Diseases

Message from the Guest Editor

Genetic research utilizing large datasets has elucidated the multifactorial causes of neurological and psychiatric disorders, marked by significant heritability and high levels of polygenicity. Epidemiological studies emphasize significant comorbidity among various neurological and psychiatric conditions, indicating shared environmental risk factors and genetic mechanisms. The extent to which these conditions share a common origin remains uncertain. Additional research-including meta-analyses of genome-wide association studies (GWASs), polygenic risk scoring, and transcriptomic analyses, as well as network-based approaches—is needed to clarify the underlying causes of the observed comorbidity. This Special Issue aims to advance the understanding of this subject by fostering research that investigates the genetic framework of neurological and psychiatric disorders, either individually or in combination.

Guest Editor

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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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