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Genetic Basis of Stress-Related Neuropsychiatric Disorders

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Message from the Guest Editor

Environmental stressful events in combination with genetic underpinnings might trigger the development of various stress-related neuropsychiatric disorders, substance use disorders, and many others. Acute or chronic exposure to stress can lead to numerous adaptive and maladaptive changes in different brain regions, affecting both neurotransmission and morphology, and represents one of the main risk factors in the etiopathogenesis of neuropsychiatric diseases. However, there are other social and biological factors, including genetic determinants, which differentiate between individuals who will develop neuropsychiatric disorders following stress exposure from those who will be resilient. The Special Issue of *Genes*, “Genetic Basis of Stress-Related Neuropsychiatric Disorders”, will present recent findings on the research targeting genetic background, stress-associated epigenetic changes, as well as gene–stress interactions in different stress-related neuropsychiatric disorders, and give a broad overview of new advances in the field, including pathophysiological mechanisms, model systems, diagnostic biomarkers, and therapeutic approaches.



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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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