

Special Issue

Neurobiological Mechanisms Implicated in Stress-Related Psychiatric Disorders

Message from the Guest Editor

Dear colleagues, Stress has been implicated in the pathophysiology of a number of psychiatric conditions including mood disorders, anxiety, and post-traumatic stress disorder. The mechanisms that underlie the effects of stress are diverse and may affect neuronal structures, the hypothalamic–pituitary–adrenal axis, neurotransmitters, inflammation, oxidation–reduction regulation, and synaptic function. Gene–environment interactions also play an important role in the interaction between stress and psychiatric disorders. The regulation of epigenetic modifications, including DNA methylation, histone modifications, miRNA signatures, and higher-order chromatin structure, has also been identified as a key mechanism underlying the effects of stress on psychiatric conditions. This Special Issue, “Neurobiological Mechanisms Implicated in Stress-Related Psychiatric Disorders”, will cover a selection of original and review articles on the neurobiology of stress-related psychiatric disorders.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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