

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

Dr. Zoya Marinova

Laboratory of Neurobiochemistry, Centre of Child and Adolescent Psychiatry, University of Zurich, 8006 Zurich, Switzerland

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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