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

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Editor-in-Chief

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