

Special Issue

Molecular Mechanisms of Neuropsychiatric Diseases

Message from the Guest Editor

Neuropsychiatric diseases are a group of disorders that affect the brain and its functions, often resulting in alterations of behavior, mood, and cognition. These disorders can have a significant impact on the quality of life of individuals affected by them, and they often have complex and multifactorial etiologies. Molecular mechanisms of neuropsychiatric diseases refer to the underlying biological and biochemical processes that contribute to the development and progression of these disorders. These mechanisms involve a variety of factors, including genetic, environmental, and epigenetic factors, as well as alterations in cellular signaling pathways and neuronal circuits. Some of the molecular mechanisms that have been implicated in neuropsychiatric diseases include alterations in neurotransmitter systems, changes in synaptic plasticity, inflammation, oxidative stress, and mitochondrial dysfunction. Understanding these molecular mechanisms is essential for developing new treatments for these disorders and improving the lives of affected individuals and we hope that our special issue significantly contributes to that.

Guest Editor

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