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The Effects of Neurosteroids on Neurological and Psychiatric Disorders

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Message from the Guest Editor

This research collection explores the therapeutic potential of neuroactive steroids in neurological and psychiatric conditions, including depression, anxiety disorders, post-traumatic stress disorder, substance use disorders, neurodegenerative diseases, schizophrenia, seizure disorders, neurodevelopmental disorders, and neurological injuries. Neurosteroids have pleiotropic effects, regulating critical systems such as neurotransmission, neuroendocrine pathways, neuroinflammation, and the immune response. They also influence neuroplasticity, synaptic plasticity, and neurodevelopment while displaying neuroprotective and anti-inflammatory properties that hold promise for both the prevention and treatment of neurological and psychiatric disorders. We welcome contributions that delve into the mechanisms underlying neurosteroids' effects, potentially leading to new treatment strategies. Discussion of the cautions and limitations of neurosteroid therapy is encouraged, recognizing the necessity for comprehensive clinical studies to unlock their full potential. Join us in advancing our understanding of neurosteroids' impact on human health and forging novel therapeutic interventions.



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Special Issue



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Message from the Editor-in-Chief

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