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Clinical Research on Mood Disorders: Opportunities and Challenges

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Message from the Guest Editors

Recent research has highlighted the role of glutamatergic and GABAergic pathways in the pathophysiology of mood disorders. Novel therapies such as ketamine and GABA-A receptor-positive allosteric modulators as rapid-acting treatment options for depression have shown remarkable promise. With renewed interest in psychedelics for mood disorders, there is cautious optimism in the field. In addition, with a better understanding of brain circuits, novel neuromodulation techniques such as accelerated TMS and DBS are revolutionizing the field. Although various biomarkers and neuroimaging studies have shown promise, inconsistent findings across studies limit the utilization of these advancements in routine clinical practice, highlighting the challenges.

To accomplish the main objectives of this Special Issue, we welcome studies including, but not limited to, original research articles (clinical and pre-clinical), systematic reviews, meta-analyses, case series, perspectives, and case reports on these topics. Additionally, we would like to welcome articles on specific challenges related to the diagnosis and treatment of mood disorders in both adolescent and adult populations.



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