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Name of Journal: *World Journal of Psychiatry*

Manuscript NO: 65474

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Glutamate and glutamate-based therapies in depression

Abstract

The versatility of glutamate as the brain's foremost excitatory neurotransmitter and modulator of neurotransmission and function is considered common knowledge. Years of research have continued to uncover glutamate's effects and roles in several neurological and neuropsychiatric disorders, including depression. It had been considered that a deeper understanding of the roles of glutamate in depression might open a new door to understanding the pathological basis of the disorder, improve the approach to patient management, and lead to the development of newer drugs that

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