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**How do serotonergic psychedelics treat depression: the potential role of neuroplasticity**

How do serotonergic psychedelics treat depression: the potential role of neuroplasticity

**Abstract**

Depression is a common mental disorder and one of the leading causes of disability around the world. Monoaminergic antidepressants often take weeks to months to work and are not effective for all patients. This has led to a search for a better understanding of the pathogenesis of depression as well as to the development novel antidepressants. One such novel antidepressant is ketamine, which has demonstrated both clinically promising results and contributed to new explanatory models of depression, including the potential role of neuroplasticity in depression. Early clinical trials are now showing

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