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Ketamine ameliorates depressive-like behaviors by tPA-mediated conversion of proBDNF to mBDNF in the hippocampus of stressed rats

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Highlights

- The new evidence of ketamine ameliorates the depressive-like behaviors in stressed rats.
- proBDNF/mBDNF ratio provide novel perspectives and potential targets for the development of effective therapeutic intervention for depression.
- The potential antidepressant mechanism of ketamine likely occurs through activating the tPA-BDNF pathway to produce protective effects.

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