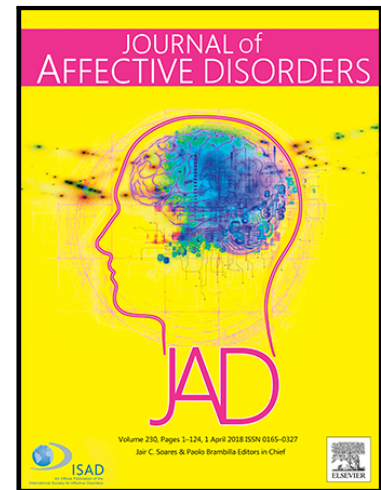


## Accepted Manuscript

Inhibition of activated astrocyte ameliorates lipopolysaccharide-induced depressive-like behaviors

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## Highlights

- Inhibition of activated astrocytes ameliorates depressive-like behaviors in LPS- challenged depression.
- Inhibition of activated astrocytes reverses LPS- induced decrease of BDNF.
- Inhibition of activated astrocytes attenuates LPS- caused increases of IL-1 $\beta$ , TNF- $\alpha$  and iNOS.
- Inhibition of activated astrocytes may represent a novel therapeutic target for depression.

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