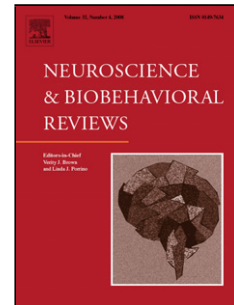


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Modulation of glucocorticoids by the serotonin transporter polymorphism: a narrative review

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#Equal contribution

Highlights

- Serotonin transporter genotype, early life events, age, and gender, affect stress-reactivity.
- Stress reactivity modulation is comparably across species.
- Understanding the modulators is critical for accurate diagnostics and personalized treatments.

Abstract

The biological background and consequences of serotonin transporter polymorphism-glucocorticoid relationship in individual differences in stress reactivity has been a major interest in neuropsychiatry research. Individual differences in glucocorticoid release have long been implicated in vulnerability to stress-related psychopathologies, like depression and anxiety in various species. Yet, it is largely

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