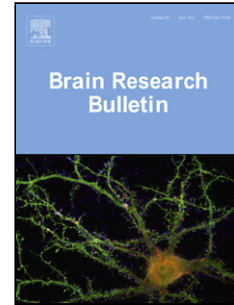


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Fluoxetine and Stress Inversely Modify Lateral Septal Nucleus-mPFC Neuronal Responsivity

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Highlights

- Under normal conditions, stimulation of the lateral septal nucleus (LSN) produces minimal responses in mPFC regions.
- Fluoxetine decreases the responsivity of LSN connections to the PL and IL.
- Stress produces opposite changes in the responsivity of these connections.
- The IL region of the mPFC is more sensitive to LSN stimulation with fluoxetine treatment and stress exposure.
- These changes may underlie differential processes in the modulation of fear.

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