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Chronic stress-induced dendritic reorganization and abundance of synaptosomal PKA-dependent CP-AMPA receptor in the basolateral amygdala in a mouse model of depression

Eun-Surk Yi, Seikwan Oh, Jang-kyu Lee, Yea-Hyun Leem



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RESEARCH HIGHLIGHTS

Chronic stress causes behavioral depression, which is reversed by fluoxetine.

Chronic stress causes the change of dendritic morphology of BLA neurons.

Chronic stress increases synaptosomal PKA-dependent CP-AMPA levels of BLA.

Chronic stress-induced structural and molecular changes are reversed by fluoxetine.

Blockage of CP-AMPA in BLA mitigates stress-elicited depressive phenotype.

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