PRELIMINARY COMMUNICATION

EFFECT OF REPEATED TREATMENT WITH REBOXETINE ON THE CENTRAL $\alpha_1$-ADRENERGIC SYSTEM

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The obtained results indicate that repeated administration of reboxetine (selective noradrenaline reuptake inhibitor, without any affinity for neurotransmitter receptors) increased the responsiveness of $\alpha_1$-adrenergic system (potentiating the methoxamine-induced exploratory hyperactivity in rats and clonidine-induced aggressiveness in mice), as tricyclic antidepressants did. However, the question whether the increased functional responsiveness found in the present study is important for the clinical antidepressant efficacy, remains open.

Key words: reboxetine, repeated treatment, adaptive changes, rats, mice, noradrenergic system