

## PRELIMINARY COMMUNICATION

### EFFECT OF COMBINED TREATMENT WITH SELECTIVE $\sigma$ LIGANDS AND AMANTADINE IN THE FORCED SWIMMING TEST IN RATS

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*Effect of combined treatment with selective  $\sigma$  ligands and amantadine in the forced swimming test in rats. G. SKUZA, Z. ROGÓŻ. Pol. J. Pharmacol., 2002, 54, 699–702.*

The obtained results showed that the selective  $\sigma_1$  receptor agonist, SA4503 (but not siramesine, the  $\sigma_2$  receptor agonist), given alone, exerted an antidepressant-like activity in the forced swimming test in rats. Amantadine (an uncompetitive NMDA receptor antagonist) potentiated or revealed the effect of SA4503 or siramesine, respectively, in this model.

**Key words:**  $\sigma$  ligands, SA4503, siramesine, amantadine, forced swimming test, rats

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