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**NEW SEROTONIN TRANSPORTER INHIBITORS WITH
ANTIDEPRESSANT ACTIVITY IN MICE BY MS**

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The serotonin (5-HT) transporter (SERT) is the main molecular target for the selective serotonin reuptake inhibitors (SSRIs), currently the most prescribed antidepressant drugs. Since known SSRI's suffer of several undesired side effects there is still need to obtain new, more effective derivatives. We examined a fragmentation of some new SSRI's (active in in vitro and in vivo tests) [1] in MS sources. Pharmacological activity and fragmentation pattern will be discussed.

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1. Chilmonczyk Z. et al. Unpublished results.