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***Securinega leucopyrus* improves Memory and Learning in Alzheimer's Model: An Experimental Study in Rat**

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Abstract : Alzheimer's disease (AD) affects the central nervous system causing progressive degeneration of neurons, which affect cognitive function of the individual. So, the aim of this study was to identify the potential of aqueous and methanolic stem extracts of *Securinega leucopyrus* to be used as a therapeutic agent against Alzheimer's disease. The cognitive impairment was produced by the methods, ethanol- induced cognitive impairment & diazepam induced amnesia. The potentials of the extracts were determined by using Morris water maze (MWM) test. Both the extracts showed significant learning and memory enhancement activity.

Key words : Alzheimer's disease, *Securinega leucopyrus*, Ethanol, diazepam, Morris water maze.

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