



Research Article

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SCREENING OF BEHAVIOURAL AND ANTIDEPRESSANT ACTIVITY OF *OLDENLANDIA CORYMBOSA*

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ABSTRACT

The aim of present study was to evaluate the behavioural and antidepressant activities of *Oldenlandia corymbosa* extracts in mice. Behavioural study was evaluated by using Hole board apparatus while Antidepressant activity was tested by Forced swim test and by using Actophotometer. The chloroform and methanol extracts of *Oldenlandia corymbosa* were administered at 200 and 400 mg/kg. The result of the study shows that the extracts are effective in the treatment of behavioural and depression disorders. The chloroform extracts of *Oldenlandia corymbosa* show more significant activity over the methanol extract.

Keywords: *Oldenlandia corymbosa*, Antidepressant activity, Actophotometer, Forced swim test, Hole board test.