

ANTHELMINTIC ACTIVITY OF ANNONA RETICULATA LINN LEAF EXTRACTS (Times New Roman 14 font)

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ABSTRACT (Times New Roman 12 font)

The aim of the present study was to investigate the anthelmintic activity of the *Annona reticulata* (Annonaceae), leaf extract using adult earthworm, *Peritima posthuma*. The hexane, ethylacetate, ethanolic extracts of the crude drug at concentrations of 100mg/ml, 200mg/ml, were tested which involve determination of paralysis time and death time. Albendazole(10mg/ml) was used as standard and it was found that the *Annona reticulata* leaf extracts showed dose dependent activity ethyl acetate extract at a dose of 200mg/ml has shown very high significant action. (Times New Roman 12 font, Line gap 1.5, Total words 150 -200)

Keywords: Anthelmintic activity, Albendazole, Earthworm, *Annona reticulata*. (Times New Roman 12 font, Total words 5 to 6)

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Type of presentation: Oral / e-poster :