



Original Article

In-vitro anti-helminthic activity of figs extract of ficus benjamina; a potential hope**Rajinder Singh*¹, Radhey S. Dhuria¹**¹Department of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar, Punjab, India.**Abstract**

Objective: Modern anti-helminthics has limited the effective control of the parasites due to number of side effects and development of resistant in helminthes. This renewed the interest in screening of medicinal plants for their anti-helminthic activity and the present study was design to investigate the anti-helminthic activity of *Ficus benjamina* figs. **Material and methods:** Three concentrations (25, 50 and 100 mg ml⁻¹) of methanol and aqueous extract were investigated for activity on adult Indian earthworms (*Pheretima posthuma*). **Results:** Both the extracts show a dose dependant reduction in paralysis and death time of the worm, methanol extract was found to be more effective especially at 100mg kg⁻¹. **Conclusions:** The anti-helminthic activity of extracts was comparable to standard Piprazine citerate, and could be effective against parasitic helminths of humans and animals.

Keywords: *Ficus benjamina*, Anthelmintic activity, *Pheretima posthuma*

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