



*Research article*

## **Aktivitas Ekstrak Buah Takokak (*Solanum torvum*) terhadap Mortalitas Cacing Gelang Dewasa**

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### **ABSTRACT**

**Background:** The most common causes of worm infection in the community is the Soil Transmitted Helminth (STH), one of them is roundworm *Ascaris lumbricoides*. Indonesia has many medicinal plants that can be utilized because these plants are easy to obtain, the price is affordable and safe from various kinds of side effects compared to synthetic drugs, one of which is turkeyberry (*Solanum torvum*). The purpose of this study is to find out whether turkeyberry (*Solanum torvum*) fruit extract have an anthelmintic effect on *Ascaris suum* worm and what concentration can caused mortality to *Ascaris suum* worm.

**Method:** This study using five concentrations etanol extract turkeyberry fruits 300 ppm, 600 ppm, 900 ppm, 1200 ppm, 1500 ppm and positive control, namely albendazole. Worm death observed in several hours, 6 hours, 24 hours, 45 hours and 48 hours. The data then analyzed using descriptive and probit analysis.