

**Research Paper**

**Hepatoprotective Activity of *Lantana Camera* Against Carbontetra Chloride Induced Hepatotoxicity in Wister Rat**

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The root of *Lantana Camera* (*Verbenaceae*) is normally second-hand as a Antibacterial activity, Antifungal activity, Wound healing activity, Antiinflammatory activity and has also been widely employed in the management and prevention of disease. The aim of the present study is to estimate the protective effect of *Lantana Camera* extract against carbon tetrachloride (CCl<sub>4</sub>)-induced liver damage in male Wistar rats. Supervision with *Lantana Camera* extracts for 28 days significantly reduced the impact of CCl<sub>4</sub> toxicity on the serum markers of liver damage, aspartate aminotransferase, alanine aminotransferase and alkaline phosphatase. In addition, management of *Lantana Camera* extract resulted in markedly increased the levels of superoxide dismutase and catalase enzymes in rats. The histopathological studies in the liver of rats also supported that *Lantana Camera* extract markedly reduced the toxicity of CCl<sub>4</sub> and preserved the histoarchitecture of the liver tissue to near standard. Thus, the results suggest that *Lantana Camera* extract acts as a potent hepatoprotective agent against CCl<sub>4</sub> induced hepatotoxicity in rats.

**Keywords:** *Lantana Camera*, CCl<sub>4</sub>, Hepatotoxicity,