



## Antidiabetic principle from *Eclipta prostrata*

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**SUMMARY.** The methanol extract of the whole plant of *Eclipta prostrata* and one of its isolated compounds, eclalbasaponin II were administered to alloxan-induced diabetic rats for 28 and 7 consecutive days, respectively. During the study, a potent antidiabetic activity was observed. Blood sugar was significantly ( $p < 0.001$ ) reduced by *E. prostrata* extract (300 mg/kg) and eclalbasaponin II (10 mg/kg), as compared to untreated diabetic rats. Analyses of alanine aminotransferase (ALT), aspartate aminotransferase (AST) and alkaline phosphatase (ALP) showed no significant ( $p < 0.001$ ) hepatotoxicity by *E. prostrata* extractive in alloxan-induced diabetic rats when compared to the diabetic control rats.

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