



Nephro-protective Activity of hydro alcoholic extract of *Desmodium triflorum* (L.) DC in Gentamicin induced Albino rats

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Abstract: Aim of the study is to scientifically validate traditional nephro protective claim of *Desmodium triflorum* and to determine the therapeutic effect. The cold macerated hydro-alcoholic extract of whole plant of *Desmodium triflorum* was evaluated in gentamicin induced rats. The hydro - alcoholic extract showed promising nephro- protective activity at dose of 100, 200, 400 mg/kg. The hydro- alcoholic extract was devoid of any acute toxic symptoms even at 2000mg/kg dose. The hydro- alcoholic extract of *Desmodium triflorum* is an attractive material for further studies leading to the development of nephro-protective phyto-medicine or conventional pure entity medicine.

Keywords : *Desmodium triflorum* (L.) DC, Nephro-protective, Gentamicin induced rats.

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