

Bio-Chemical and Behavioural Changes in Albino rats after Treatment with *Thevetia neriifolia* Juss. (Yellow Oleander)

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2 mgm./ml. of fine crystalized extract of *Thevetia neriifolia* Juss. (yellow oleander) was administered intramuscularly into the gluteal region of albino rats. The consequent behaviour of animals and bio-chemical parameters, like blood glucose, total serum protein, total serum cholesterol and alkaline phosphatase were noted. The animals showed paralytic gait and there was significantly reduced respiratory rate after fifteen minutes. Significantly reduced levels of blood glucose, total serum protein, total serum cholesterol and elevated alkaline phosphates were noted one hour after administration of the extract.

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