



## Studies on Therapeutic Effect of Certain Plant Extracts Metabolites on Alloxan induced Type-1 Diabetes in Albino Rats

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## Abstract:

Diabetes Mellitus is major endocrine problems characterized by hyperglycemia resulting from defect in insulin secretions, action or both. long time exposure of the diabetes it silently kill the vital organ of the body. Diabetes and their allopathic medicine increase the chances of cancer malignancies and other associated complications. The cost of treatment of allopathic medicine also ruins the family of ruler Indians. So herbal therapies for diabetes is a less cost effective and less side effects associated treatment system.

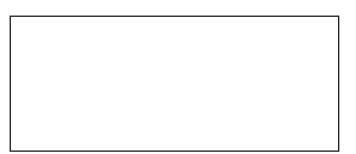
This studies conducted on therapeutic potential of four different plant like Syzygium cumini seed,Ficus glomerata leaf , Ocimum sanctum leaf,and Trigonella foenum graecum seed extract on alloxan induced diabetic albino rats .

Administration of these extract for four week show significant blood glucose lowering effect in experiment alloxan induced diabetic rats.These diabetic rats blood sugar became normal when fed with these extract.lt amply revealed that these extract possessed some antidiabetic Metabolites that lowers the blood glucose.

So this research appears to be of grate importance in evolving some cheap treatment for diabetics.

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