

# Biological potential of cirsimaritin against diabetes mellitus: Medicinal importance and therapeutic benefit

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**Background:** In the nature, numerous natural based medicines and their derived product have been available in the medicine and other allied health sectors. Natural product contains significant amounts of flavonoidal components which are present in the fruits, vegetables and seeds.

**Methods:** Biological potential of cirsimaritin for the treatment of diabetes mellitus has been investigated in the present work through literature data analysis of different scientific research works. Biological importance of cirsimaritin in the medicine against various forms of diabetic disorders has been investigated in the present investigation through literature data analysis. Pharmacological activities of cirsimaritin in the medicine have been investigated through literature data analysis.

**Results:** Literature data analysis of different research work revealed the biological potential of cirsimaritin in the medicine. Literature data analysis signified the biological activities of cirsimaritin against diabetes mellitus as cirsimaritin improved cell viability and protect INS-1 cells against STZ-induced damage and reduced the intracellular oxidative stress in the scientific research work. Other literature data bases were also revealed the therapeutic effectiveness of cirsimaritin in the diabetes treatment.

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**Conclusion:** Literature data analysis signified the therapeutic benefit of cirsimaritin in the medicine for the treatment of diabetes disorders.

**Acknowledgement**  
: The authors want to acknowledge Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj for online article support.