

Biological effect of nicotiflorin against hepatic complication through literature data analysis of various scientific research works

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Background: Flavonoidal class chemical are a group of polyphenolic compound found to be present in different plants and their derived phytoproducts which have numerous biological properties in the medicine. Phytochemicals has been used in the medicine for the treatment of numerous human health complications due to its applications for the treatment and prevention of serious diseases. Phytochemicals have significant role in the growth, development and physiology aspect of plant.

Methods: Literature data has been search and analyzed in the present investigation to know the health beneficial potential of nicotiflorin in the medicine. Various literature databases have been searched to collect all the needed information of nicotiflorin in the medicine and other allied health sectors in the present investigation. Biological effect of nicotiflorin against hepatic complication through literature data analysis of various scientific research works.

Results: Literature data analysis revealed the medicinal importance and therapeutic benefit of nicotiflorin in the medicine. Scientific data demonstrated that nicotiflorin has numerous biological activities in the medicine including neuroprotective effects and therapeutic benefit on the adipogenesis. Biological effect of nicotiflorin against hepatic complication through literature data analysis of various scientific research works and revealed hepatoprotective activities.

References: Hu G;Du X;Li Y;Gao X;Chen B;Yu L. Inhibition of cerebral ischemia/reperfusion injury-induced apoptosis: nicotiflorin and JAK2/STAT3 pathway. *Neural Regen Res*, 2017,12,96. Zhao J;Zhang S;You S;Liu T;Xu F;Ji T;et al. Hepatoprotective Effects of Nicotiflorin from *Nymphaea candida* against Concanavalin A-Induced and D-Galactosamine-Induced Liver Injury in Mice. *Int J Mol Sci*, 2017,18,587.

Conclusion: Literature data analysis of various scientific research works revealed the biological effect of nicotiflorin against hepatic complication

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