

**EP004****Biological potential of Swertisin in the medicine: Therapeutic benefit and biological potential in the health sectors through current scientific research work**

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**Introduction :** Swertisin is a pure phytochemical found to be present in the Iris tectorum which is used in the traditional system of medicine for the treatment of numerous health complications.

**Methods :** In order to know the effectiveness of swertisin in the medicine against Hepatitis B virus, here in the present investigation numerous scientific research work data have been collected and analyzed from the literature work. Effect of swertisin in different cells was studied in some scientific research work and data have been collected in the present investigation to know their effectiveness for potential anti- Hepatitis B virus activity.

**Results :** Literature data analysis revealed the biological potential of swertisin in the modern system of medicine for the treatment of numerous health complications due to their therapeutic benefit and important pharmacological activities. Scientific data analysis of different research work of the literature revealed the biological potential in the medicine for the treatment of numerous human disorders. Literature data analysis of different research work revealed the biological importance of swertisin against Hepatitis B virus as it showed significant inhibitory activity on Hepatitis B virus replication. Some other literature data analysis also signified the biological importance of swertisin in the medicine due to their effectiveness in the Hepatitis B virus transgenic mice model.

**Conclusions :** Literature data analysis of scientific research works signified the biological potential of swertisin in the medicine for the treatment of Hepatitis B virus infection and could be used for the development of better medicine in the future.

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