

**Evaluation of antioxidant, anti Inflammatory and anti microbial potential of *Punica Granatum* Linn (Peels And Leaves) Extract**

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**ABSTRACT**

Plant based drugs continue to play an essential role in the primary health care of 80% of the world's under-developed as well as developed countries. Nearly two-third of the world's population relies on the curative power of plant based natural medicines for the reasons of their traditional use, belief, availability, accessibility and affordability. However, most of the medicinal plants have not received proper scientific scrutiny. *Punica granatum* is one such plant traditionally used for medicinal purposes known to possess wide array of pharmacological actions and has been widely used for medicinal purposes known to possess wide array of pharmacological actions and has been widely used for various ailments. Among the various studies, the extract of *Punica granatum* has been shown to have a presence of phytochemical constituents like alkaloids, flavonoids, tannins, glycosides, proteins, saponins, terpenoids and anthraquinones. Ethanolic extract and the various pharmacological activities which include: antioxidant, anti-inflammatory, antibacterial and antifungal. Furthermore, due to the presence of good antioxidant potential in this plant it is suggested that pomegranate may be included in the diet for a healthy lifestyle.