

Current update of *Coriandrum sativum* L. (Coriander): potential use on Inflammatory bowel disease.

Kiran Bala¹, Indu Melkani¹, Ajeet Singh¹, Amar Singh¹, and Jaspreet Kaur¹

¹Saint Soldier Institute of Pharmacy

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Abstract

Coriander (*Coriandrum sativum* L.) is a member of the Apiaceae family is valued for both its cooking and therapeutic use. Various studies shows that it possesses Anxiolytic, antidepressant, sedative-hypnotic, anticonvulsant, memory-improving, or facial dyskinesia-improvement, Neuroprotective, antibacterial, antifungal, anthelmintic, insecticidal, antioxidant, cardiovascular, Hypolipidemic, anti-inflammatory (IBD), analgesic, antidiabetic, mutagenic, anticancer, gastrointestinal, deodorizing, dermatological, diuretic, reproductive, hepatoprotective, detoxification and other various pharmacological effects. All components of this plant are used as flavouring agents or as conventional treatments for a variety of diseases mainly Inflammatory Bowel Disease. The parts of this plant help to treat colitis by changing the levels of MPO, colon samples, ulcer index. The *Coriandrum sativum* phytochemical analysis revealed that it included tannins, terpenoids, reducing sugars, alkaloids, phenolic, flavonoids, fatty acids, sterols and glycosides in addition to its essential oil. Linalool is the main essential oil treating colitis and ulcer. Additionally, it had a wide variety of minerals, trace elements, vitamins, proteins, lipids, carbs and fibers with significant nutritional qualities. Coriander propagate worldwide easily, but mostly grown in India, Netherlands, Myanmar, Romania, France, Spain, Italy and all other countries. This review is designed to give an overview on chemical constituents, cultivation, pharmacological actions traditional uses, side effects of *Coriandrum sativum* Linn.

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