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REVIEW ARTICLE

PHYTOCHEMICAL AND PHARMACOLOGICAL REVIEW ON *ORIGANUM VULGARE*: A POTENTIAL HERBAL CURE-ALL

Abstract

Origanum vulgare (*O. Vulgare*) is a medicinal and aromatic shrub. It is commonly used as a culinary spice and in "traditional medicine" to cure a variety of diseases. Almost all parts including roots, leaves, stems, and flowers, are employed in medical systems to treat a variety of ailments. In recent scientific literature, among other things, the plant was reported to behave clinical effectiveness against antibacterial, hyperglycemia, anthelmintic and antifungal actions. Carvacrol, limonene, thymol, ocimene, pinene, caryophyllene, terpenes-cymene, and other significant medicinal chemicals have been extracted from this genus through phytochemical studies. The phytochemical ingredients of *O. vulgare* are highlighted in this review and its traditional uses, as well as evidence-based studies on the plant's diverse pharmacological effects. This illustrates the importance of conducting a thorough investigation in order to report new information on the mechanisms of action of these impacts.