

A Review on Pharmacological and Therapeutic Potential of *Tridax Procumbens*

Swetza Singh¹, Supriya Roy^{2,*}

¹School of Pharmacy, BBD University, Lucknow, U. P., India


²Amity Institute of Pharmacy, Amity University Uttar Pradesh, Lucknow, U. P., India

Email ID- editorjohp@gmail.com

ABSTRACT

Traditional medicine refers to health practices, approaches, knowledge and beliefs incorporating plant, animal and mineral based medicines, spiritual, therapies, manual techniques and exercises, applied singularly or in combination to treat, diagnose and prevent illnesses or maintain well-being. Traditional medicine are important source of potentially useful new compounds for the development of chemotherapeutic agents. The essential values and uses of some plants have been worked out and published, but many of them remain unexplored to date. Therefore, there is a necessity to explore their uses and to conduct pharmacognostic and pharmacological studies to discover their medicinal properties. *Tridax procumbens* (L.) is a spreading annual herb found throughout India, but unfortunately it is one of the neglected plants. The plant has many pharmacological applications as in the case of wound healing and hair growth. Quantitative microscopical and histological studies are done for correct identification of the plant. The characteristic identification parameters are studied and reported. Phytochemical analysis of the whole plant is done and the presence of quercetin is confirmed using HPTLC and HPLC techniques. The present article is an endeavor to review pharmacological activities and therapeutic potential of various extracts and phytoconstituents of *Tridax procumbens* against multiple disorders which may require further evaluation of the plant as a medicinal agent.

Keywords: *Tridax procumbens*, antidiabetic, anti-inflammatory, immunomodulator

Access this Article Online	Quick Response Code: 
Website: http://www.journalofhospitalpharmacy.in	
Received on 01/03/2019	
Accepted on 11/03/2019 © HEB All rights reserved	