

A Mini review on Medicinal Values of *BarlerialupulinaLindl*



Reshma Kumari^{1*}, Sanjay Kumar² and Ramesh Chandra Dubey³

¹Department of Botany & Microbiology, Gurukul Kangri University, India

²Department of Botany, D.S.B. Campus, Kumaun University, India

³Department of Botany & Microbiology, Gurukul Kangri University, India

Submission: June 08, 2018; Published: June 15, 2018

*Corresponding author: Reshma Kumari, Department of Botany & Microbiology, Gurukul Kangri University, Haridwar- 249404, India, Tel: +919634120690; Email: reshmagupta25@gmail.com

Mini Review

The therapeutic estimations of plant lie within the sight of some phytochemical substance that delivers a positive physiological activity on the human body. A thousand of the plants exhibits as medicine by Charak, Sushrut and Vagbhata are of plant beginning. Therapeutic plants exhibit remarkable flexibility for the treatment of a wide assortment of the wellbeing needs. Plant pharmaceuticals are more secure, gentler and preferable for human wellbeing over engineered drugs. Presently a-days, in excess of 2,000 natural medications utilized as a part of human services needs in India by Vaidyas Nadkarni [1] in which *B. lupulina* is one of the essential restorative plants having a huge place since old time. *B. lupulina* has a place with the family Acanthaceae. The variety *Barleria* is an extensive, polymorphic, boundless class of herbs, bushes and climbers containing roughly 300 species dispersed around the world [2].

Medicinal Uses

Traditionally aerial parts of the plant are used but some time roots are also used in various ailments. *B.lupulina* has also been reported to possess a potent anti-inflammatory [3], anti malarial, anti-cancer [4], analgesic [5], anti-leukemic, antitumor, anti-hyperglycemic, anti-amoebic, virucidal [6], diuretic [7], bactericidal [8], insecticidal, immunomodulatory, antioxidative and antibiotic properties [9]. It has also been traditionally used for diabetes, rheumatoid arthritis, eczema, itches, scabies, and snake bite, antiviral activity against HSV-2 and anti-ulcer, cough, fever, anti-allergic for skin, etc.

Conclusion

The *B. lupulina* may prevent or treat various diseases through exerting potential bioprospective properties. It consists of several alkaloids (*barlerin*), methyl ester group of compounds, methyl ester, phytol, benzoic acid and cyclopenta pyran-4-carboxylic acid, hexadecanoic acid, benzyl benzoate, 2(4H)-benzofuranone [4], betaine, iridoid glycosides, phenylpropanoid glycosides, lignan glycosides, squalene, benzoic acid 4-methoxy-methyle

ester, betacureumene, 2-propenic acid, ecocyne, etc [10]. On the basis of these bioactive components, it is used to treat various ailments. Therefore, it can be a good candidate used to develop effective and natural or alternative drugs in spite of synthetic drug, however, their effect should confirm by pharmacological investigations and clinical trials.

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DOI: [10.19080/IJESNR.2018.12.555839](https://doi.org/10.19080/IJESNR.2018.12.555839)

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