

Review on Phytochemistry and Pharmacological Properties of *Saussurea costus*

Sergio Crovella*

Department of Biological and Environmental Sciences, College of Arts and Sciences, Qatar University, Qatar

Introduction

Plant materials are taken advantage of in the drug store area as both regular cures and unrefined components, and comprising a critical extent of the world medication market. It has been assessed that the worldwide business in natural meds and phytochemicals was just about \$75 billion inside 2007, further anticipated to reach \$262.9 billion by 2020. On the other hand, the commitment of different locales to worldwide exchange is irrelevant. Accordingly, the investigation of these plants for restorative and dietary purposes opens up additional opportunities for their future thought [1].

Description

The Indian subcontinent has enormous variety of the verdure in light of their wide geological, meteorological, and environmental conditions. It contains around 15,000 blooming plants species and in general six percent of all species in the planet. In India, these plants have been used for restorative purposes since old times and contain around 3000 experimentally recorded plants having monstrous therapeutic potential [2]. The Asteraceae family contains about 1000 genera and 30,000 species that are scattered internationally, with roughly 177 genera and 1052 species local to India. There are north of 300 species in the variety *Saussurea*, with around 61 species tracked down in India. The most notable *Saussurea* species is *S. costus*, which has different restorative advantages in different conventional medical services frameworks [3].

Regardless of a few endeavors to get therapeutics from restorative spices, just 25% of supported bioactive particles are of plant beginning. In India, the drug area utilizes roughly 280 restorative plants to make natural medicine scents, and cleansers, the greater part of which are tracked down in the Himalayan mountains. *S. costus* is customarily utilized as against disease, hepatoprotective, antiarthritic, hostile to convulsant, antimicrobial, hostile to viral exercises, and so on in various Indian native frameworks, demonstrated through various in-vitro and in-vivo approaches and offers a substantial reasoning to the old assertions [4].

S. costus is a significant wellspring of worry, as demonstrated by various ongoing examinations led by different specialists. Thus, we chose to incorporate the most modern and broadly accessible data on *S. costus* organic science, customary applications, phytochemistry, and pharmacology to examine its helpful potential and new exploration choices [5]. Therefore, this study might act as a logical base for future examination on *S. costus*.

Conclusion

The various bioactive mixtures were detached and noted from various pieces of *S. costus*, with an expansive assortment of exercises including antifungal, antidiabetic, anthelmintic, antitumor, antiulcer, antimicrobial immunostimulant, mitigating, anticancer, hepatoprotective, pesticidal, antihepatotoxic, etc, using shifted in-vitro and in-vivo approaches.

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*Address for Correspondence: Sergio Crovella, Department of Biological and Environmental Sciences, College of Arts and Sciences, Qatar University, Qatar, Tel: 9276643874; E-mail: SergioCrovella432@gmail.com

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