

Antibacterial and Antifungal Activity of Medicinal Important Medicinal Plant

Rahul M Johare, Nitin G Ghuge, Jalindar V Gite, Prashant B Shirsath, D.K. Chavan

Aditya College of Pharmacy, Beed, Maharashtra, India

Abstract: Medicinal plants have been playing an essential role in the development of human culture. As a source of medicine, Medicinal plants have always been at forefront virtually all cultures of civilizations. Medicinal plants are regarded as rich resources of traditional medicines and from these plants many of the modern medicines are produced. For thousands of years medicinal plants have been used to treat health disorders, to add flavour and conserve food and to prevent diseases epidemics. The use of plant compounds for the therapy of fungal and bacterial diseases is effective due to their unique biocompatible and bioavailable. The trend toward new antifungal and antibacterial agents being introduced to the market remains small, while resistance too many antibiotics is emerging, especially in patients receiving long-term treatment. Recently, various studies about the antibacterial and antifungal activities of these metabolites have been reported. For this purpose, in this review, antibacterial and antifungal activities of endophytes of Pestalotiopsis genus and medicinal plant species of Zingiber and Hydnora genera have been discussed according to recent studies

Keywords: Antimicrobial Activities, Natural Compounds, Primary Metabolites, Secondary Metabolites, Drug-Resistance.

