

Special Issue

Purification and Identification of Natural Compounds with Antimicrobial Activity

Message from the Guest Editor

Natural sources are known to produce a range of highly diverse chemicals, many of which counteract microbes in the environment of the producing organism. Indeed, natural products played an important role in the discovery and development of the first antibiotics.

Plants have a long history of use in traditional medicine to prevent or cure infectious diseases. This Special Issue aims to focus on the current status of screening plant extracts and chemicals for their ability to provide new drug leads to tackle infections. Potential topics include, but are not limited to, plant-derived compounds with antibacterial, antifungal, antimycobacterial, antibiofilm, and antivirulence activity, as well as phytochemicals that target antimicrobial drug resistance.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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