

Special Issue

Antibacterial and Antioxidant Activities of Medicinal Plant Extracts

Message from the Guest Editors

Natural products derived from plants constitute an important source of therapeutic agents that have applications in traditional pharmacopeia. Since some of the secondary plant metabolites used in modern medicine were discovered through ethnobotanical investigations, empirical studies of various traditional plant preparations are useful for screening and selecting plants with medicinal activities. Chemicals produced by plants are used as therapeutics, as raw materials for drug manufacturing, and as models to design synthetic molecules used pharmacologically. However, the extensive use of medicinal plants raises several concerns related to their safety and efficacy. As a result, more research is still needed to evaluate plant species prior to any use in medications. Considering the high interest in plant-derived products as a growing challenge for drug development, and their biotechnological processes, this Special Issue invites submissions of research and review articles regarding the antibacterial and antioxidant activities of medicinal plant extracts.

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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.

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