

Special Issue

Essential Oil Characterisation and Biological Activity of Extracts of Medical Plants from Europe

Message from the Guest Editors

Thanks to its geological and geographical position, Europe is rich in plant diversity. The use of herbs in folk medicine has been known since ancient times, which is why many plants are called medicinal plants. Many plants have essential oils as secondary metabolites, the content of which is a result of the interaction between the plants and their environment. According to their chemical composition, these volatiles are classified into different chemogroups. Specific chemogroups are characteristic of certain plant species, resulting in different plant odors. In addition, some components of these chemogroups are responsible for various biological activities such as antibacterial, antioxidant, antiphytoviral, antifungal and antiproliferative. These components thereby determine the use of these plants in medicine. The theme of this Special Issue is European plant diversity based on the production of secondary metabolites. This is particularly important in these challenging times when we are turning more to the natural environment and the use of natural products as medicine for the soul and body.

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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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