

Special Issue

Chemical Composition and Biological Evaluation of Essential Oils

Message from the Guest Editor

Essential oils are an example of such products, long known and used for a variety of purposes. The main source of essential oils are fresh or dried plant materials; a few are obtained from tissue cultures. Essential oils are used in the food industry as flavorings and spices, in perfumery and cosmetics, and for medicinal purposes. Aromatherapy is becoming an increasingly popular field of natural medicine. The rich chemical composition and versatile healing properties of essential oils create a wide range of applications for preventive and therapeutic purposes. The therapeutic properties of oils are very diverse and are most often related to the action of their dominant components. The dominant compounds are mainly monoterpenes, sesquiterpenes, and phenylpropanes. The biological activity of essential oils is the result of the action of individual dominant components or the synergistic action of a complex of compounds.

Guest Editor

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