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Phytochemical and Nutritional Analyses of Medicinal and Aromatic Plants (MAP)

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Message from the Guest Editors

Medicinal and aromatic plants (MAP), known as herbs or spices, and their products like extracts and essential oils (EOs), have gained importance in recent years for both medicinal and industrial uses (as natural ingredients in cosmetics or food supplements). The human uses of MAPs date back to ancient times, ethnobotany has helped to reveal the interrelation between plants and humans. The rising focus on MAPs is due to their enhancement of all life aspects, from the alleviation of physical disorders to the reduction in the use of synthetic antibiotics and increasing life expectancy. Moreover, the demand for foods with a positive impact on human health and wellness motivated the researchers on MAP studies and to seek out new species.

This special issue will cover research on known and unknown cultivated or spontaneously grown medicinal and aromatic plant species (or those that come from in vitro plant cultivation), with an emphasis on their nutritional value but without overlooking the characterization of their aroma profile (spontaneous emissions and essential oils) or plant extracts, which may be obtained with new technologies.



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Message from the Editor-in-Chief

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