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Identification and Therapeutic Properties of Secondary Metabolites of Medicinal Plants II

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Deadline for manuscript submissions:
31 October 2024

Message from the Guest Editors

Dear Colleagues,

A growing body of research indicates that Plant Secondary metabolites may display multiple effects beneficial for the general well-being of human organisms. These effects include both non-specific ones that affect the whole organism, such as antioxidant or anti-inflammatory effects, and more specific effects that target just one organ or system, such as laxative, myorelaxant, or antitussive effects. Among the plant secondary metabolites used as therapeutic agents are flavonoids, terpenes, cardiac glycosides, alkaloids, anthraquinone derivatives, and many others. For proper testing of their pharmacological activity, it should be identified or isolated from the plant material and subjected to the appropriate biological assays.

This Special Issue is dedicated to the “Identification and Therapeutic Properties of Secondary Metabolites of Medicinal Plants” including, but not limited to, their isolation and structure determination, as well as chromatographic methods for their analysis in plant materials. Furthermore, submissions related to the in vivo, in vitro, and in silico study of their pharmacological activities are strongly encouraged.

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Editor-in-Chief

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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