



Plant and Endophytic Alkaloids

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Message from the Guest Editors

Alkaloids, with their structural diversity and range of pharmacological activities, are one of the most important groups of natural substances of therapeutic interest. Many alkaloids have exhibited various biological activities, and some can be used as pesticides. They are mainly isolated from angiosperms, and certain plant families have a marked tendency to elaborate alkaloids (Amaryllidaceae, Liliaceae, Papaveraceae, Solanaceae, Apocynaceae, Annonaceae, Ranunculaceae, etc.). However, alkaloids have also been detected in microorganisms, especially in endophytes.

This Special Issue of *International Journal of Molecular Sciences* aims to collect contributions, in the form of both original research and review articles, on alkaloids isolated from plants and endophytes (including their isolation, structure determination, metabolomics, in vitro culture production, biosynthetic pathways and biological activities) which may be applied in medicine and agriculture.





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Message from the Editor-in-Chief

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