

Special Issue

Plant and Endophytic Alkaloids

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

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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