

Special Issue

Antitumor Activities of Natural Compounds From Plants

Message from the Guest Editor

Plants have always been known to be an invaluable source of compounds with multiple pharmacological activities. In particular, concerning neoplastic disease, many natural substances from plants seem to have anti-proliferative and pro-apoptotic capacities and, in many cases, multi-target activity that allows them to affect different pathways that are deregulated in cancer cells and to bypass multidrug resistance mechanisms. Moreover, these substances are characterized by low toxicity and sometimes also by high lipid solubility. This Special Issue of *IJMS* will focus on the antitumor activities of functional molecular substances derived from plants on all types of neoplastic disease. Topics of particular interest include descriptive analyses of their activities, molecular investigations on the mechanisms of action, evaluations of their efficacy compared to toxicity, and finally, drug delivery studies.

Guest Editor

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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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