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Antitumor/Anti-inflammatory Activities of Natural Compounds from Plants 2.0

Guest Editor:

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Message from the Guest Editor

Plants have always been known to be an invaluable source of compounds with multiple pharmacological activities. Although over the centuries the attention towards natural products has undergone various fluctuations, today, many people prefer to use “natural” treatments for different diseases. 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.

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Message from the Editor-in-Chief

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