



Anticancer and Chemopreventive Activity of Coumarins and Their Derivatives

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Currently, there is a shift towards natural medicine and the exploration of compounds of natural origin as active substances in the treatment of various diseases, including cancer, as a powerful alternative to synthetic drugs.

Coumarins, secondary plant metabolites found in families of higher plants such as Apiaceae, Rutaceae, and Moraceae, exert anticancer and chemopreventive effects thanks to their ability to induce apoptosis, influence specific signaling pathways, inhibit tumour resistance to conventional drugs by acting as adjuvants, effect angiogenesis inhibition, as well act as antimetastatic drugs. These and many other activities can be enhanced by modifying their structure, e.g., by introducing new functional groups, which lead to the synthesis of coumarin derivatives.

In this Special Issue, we encourage researchers to share their latest discoveries on the anticancer and chemopreventive effects of coumarin compounds from natural sources, as well as their synthetic derivatives. New information on the mechanisms of action of coumarin compounds is especially welcome.





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Message from the Editor-in-Chief

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