



Natural Products Based Anticancer Drugs

Guest Editors:

Dr. Elżbieta Studzińska-Sroka

Department of Pharmacognosy,
Poznan University of Medical
Sciences, 60-806 Poznan, Poland

**Dr. Aleksandra Majchrzak-
Celińska**

Department of Pharmaceutical
Biochemistry, Poznan University
of Medical Sciences, 60-806
Poznan, Poland

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Message from the Guest Editors

The study of the anticancer potential of natural origin substances is a legitimate research direction. Indeed, plant-derived compounds, such as paclitaxel, vincristine, or those produced by the bacteria doxorubicin, are still used in treating various neoplasms. An increasing number of studies show that natural origin substances act by regulating molecular pathways, which are implicated in the growth and progression of cancer. Therefore, they represent a promising strategy to complement conventional cancer treatments.

This Special Issue aims to disseminate the results of research on natural origin substances (compounds and characterized extracts) that may be of legitimate importance in developing new drugs for antitumor therapy. The aim is to identify new agents against human cancers and evaluate their mechanisms of action. Research into new pharmaceutical formulations based on natural origin, anticancer, biologically active substances is also a valuable approach for the progress of novel anticancer drugs. Hence, we welcome original research and review articles focused on the anticancer potential of natural substances in regard to their use as an anticancer drug.





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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