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Advances in Anticancer Drugs based on Phytochemicals with Antioxidant Properties

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Message from the Guest Editors

Although there are numerous studies on the bioactivity of plant constituents, there are still many gaps related to the mechanisms involved in the response they induce in healthy organisms, but also in those affected by stress conditions or various disorders associated with the alteration of major physiological and metabolic parameters. For this reason, the identification of novel phytochemicals, their complex chemical and biological characterization, and the selection of those showing high biocompatibility, are of considerable interest for scientists. These plant constituents can be administered alone or in combination with synthetic drugs, or can be associated with specific transfer vectors for targeted therapy.

This Special Issue will focus on the isolation and complex characterization of phytochemicals with antioxidant and antitumor activity having a potential supportive role in anticancer therapies.



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Special Issue



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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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