

Special Issue

Phytochemicals: Antioxidant, Antitumoral and Anti-inflammatory Activity

Message from the Guest Editor

Plant species need phytochemicals to ensure their survival. Nature provides us with an infinite number of chemical compounds with a significant structural variety. Since its beginnings, humanity has used medicinal plants whose positive effects are due to the presence of some secondary metabolites. However, it is not only the plants used in the different traditional pharmacopeias that provide phytochemicals with medicinal properties, but also species not used traditionally. A group that has recently attracted attention are triterpenes such as ursolic acid and others that are very abundant in nature and have cytotoxic properties for human cancer lines and anti-inflammatory properties. It is known that anti-inflammatory processes are intricately linked to the onset of tumor processes. Therefore, it is essential to obtain natural compounds with anti-inflammatory properties, emphasizing in vivo experiments. Unquestionably, the study of phytochemicals with antitumor, anti-inflammatory, and antioxidant properties represents an exciting area of research with an infinite range of possibilities.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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