

Special Issue

The Effects of Natural Compounds in Cell Differentiation and Signaling Pathways

Message from the Guest Editor

Phytochemicals are natural compounds produced by many kinds of plants, and their function is generally to help them thrive or thwart predators or pathogens. It is reported that there are several beneficial effects of phytochemicals on human health such as anti-cancer, anti-immune-response, anti-bacterial, and antioxidant effects. Over the last ten years, phytochemicals have been widely investigated to develop effective medicines for the treatment of various diseases because of their high efficacy and minimal side effects. In this specific issue, we are gathering manuscripts (reviews and articles) about the regulation of cellular processes and signaling pathways by novel phytochemicals that could be applied to the development of functional foods (nutraceuticals), functional cosmetics (cosmeceuticals), and even medicines.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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