

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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