



Analyses and Applications of Phenolic Compounds in Food

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Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

The editorial board of *Molecules* invites you to submit an article to a Special Issue entitled "Analyses and Applications of Phenolic Compounds in Food". Please kindly note that the focus of *Molecules* is chemistry.

Phenolic compounds are well-known for their antioxidant and free-radical-scavenging abilities, as well as different health properties, including anti-inflammatory, antitumor, and hypoglycaemic properties, among others. Due to these countless positive effects on human health, researchers have intensified their study with the aim of discovering food matrices rich in this class of phytochemicals or agro-industrial residues that can be used as sources of phenols. The focus of this Special Issue is to collect and discuss conventional and innovative analytical techniques for food phenolics investigations, as well as their possible applications as food preservatives or functional ingredients for the development of functional food, active food packaging and in food classification and authentication studies.

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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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