Special Issue

Recent Advances in Micro- and Nanoencapsulation of Bioactive Compounds

Message from the Guest Editor

In recent decades, bioactive compounds (polyphenols, flavonoids, carotenoids, essential oils, and other compounds) have been extensively studied due to a growing interest concerning their biological and pharmacological properties. However, many bioactive compounds have very low water solubility and are light-, air-, and temperature-sensitive.
Micro/nanoencapsulation is an effective approach that can increase the stability, solubility, and bioavailability of bioactive compounds for the application in the food, cosmetic, and pharmaceutical industries. A lot of materials and encapsulation techniques can be used for the delivery of bioactive compounds. Presently, a variety of novel carrier agents and techniques have been proposed for the development of encapsulated systems. New emerging technologies improve the protection of bioactive compounds against environmental conditions and offer better characteristics of encapsulated products. I would like to invite you to submit original research papers or review articles to this Special Issue that would address any research topic related to micro/nanoencapsulation of bioactive compounds.

Guest Editor

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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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