Special Issue

Extraction, Identification and Isolation of Chemical Compounds in Natural Matrices

Message from the Guest Editor

Natural matrices are rich sources of bioactive compounds that have been extensively explored. Several studies have been carried out to explore their focused bioactive potential for various applications aiming at the commitment to improve health and wellbeing. However, for the full exploitation of the potential of these sources, it is necessary that complete studies of extraction, identification, and isolation of chemical compounds from natural matrices are carried out. Although there is currently a wide range of natural compounds on the market, there is a need to identify and isolate bioactive molecules from different natural matrices. In addition, it is necessary to define the best conditions that guarantee greater extractability of these compounds, identifying the most sustainable and innovative technological strategies. In this sense, this Special Issue aims to identify and gather works on the most recent natural matrices explored, optimizations of extraction of chemical compounds of interest, their identification and isolation, as well as the exploration of their bioactive potential as an interest of application as promoters of health and wellbeing.

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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