

Special Issue

Extraction, Characterization and Pharmacology of Natural Products

Message from the Guest Editors

This Special Issue aims to highlight all aspects related to the quality of plant-based products and the effects of manipulation processes. Studies on extract optimization and comparative studies of extraction techniques and their effects on qualitative and quantitative composition and pharmacological profile are encouraged, as well as comparative studies to investigate quality with respect to the variability of natural sources. Also, investigations of the effects of selected steps of the productive chain (from plant growth to final formulation of herbal-based manufactures) on product quality are encouraged. The goal of this Special Issue is related to the characterization of phytochemical and botanical aspects of plant material-based extracts, with regard to the optimization and validation of analytical methods for the qualitative and quantitative fingerprint of secondary metabolites. Additionally, eco-toxicological evaluations are encouraged in order to investigate the biocompatibility of extracts in multiple biological models.

Guest Editors

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