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Extraction, Characterization and Pharmacology of Natural Products

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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.



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Special Issue



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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