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Control and Optimization of Extractive Methodologies and Analysis of Natural Products

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

The interest in biobased compounds extracted from natural sources or recirculated materials has increased in recent decades due to the circular economy and their potential application as active ingredients in several industries (i.e., food and pharmaceutical, cosmetics and wellness).

This Issue intends to provide an overview of innovative techniques for the extraction, isolation, and analysis of natural products that could have several applications. Presenting a vast scope, this Special Issue welcomes full papers, short communications, and review articles on , but not limited to, extract optimization and comparative studies of extraction techniques, and the analysis of qualitative and quantitative composition using chromatographic or spectroscopic techniques. Additionally, evaluations of the biological effects of natural compounds are encouraged, as are comparative studies investigating quality in terms of the variability of natural sources.

Furthermore, papers dealing with bioinformatic tools and mathematical models of extracts' mechanisms of action are welcome.



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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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