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Technologies for Production, Processing, and Extractions of Nature Product Compounds

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Message from the Guest Editor

Dear Colleagues,

Natural bioactive compounds include a plethora of structures and functionalities providing a consistent pool of molecules for the production of nutraceuticals, functional foods, and food additives. Traditionally, they are extracted by conventional liquid–liquid or solid–liquid extraction techniques, but this approach implies negative thermal influences on extraction yield and quality with a large expenditure of organic solvents and energy. Moreover, with the growing consumer demands for greener alternatives that do not involve toxic chemicals as well as the industry concerns of sustainable, nontoxic routes of extraction, the applications of novel extraction technologies (including, for instance, ultrasound-assisted extraction, microwave-assisted extraction, and enzyme-assisted extraction, as well as their combination) are becoming more and more diffused.

This Special Issue of the journal *Processes* aims to group original research articles and review articles about the setting and optimization of production and processing strategies as well as conventional and innovative extraction technologies of natural compounds.



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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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