



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

Guest Editor:

Dr. Pasquale Crupi

Department of Agricultural, Food and Forestry Sciences, University of Palermo, 90128 Palermo, Italy

Deadline for manuscript submissions:

closed (30 May 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)