

## **Phytochemicals: Extraction, Optimization, Identification, Biological Activities, and Applications in the Food, Nutraceutical, and Pharmaceutical Industries**

Guest Editor:

**Dr. Ibrahim M. Abu-Reidah**

School of Science and the  
Environment, Memorial  
University of Newfoundland, St.  
John's, NL A1B 3X5, Canada

### **Message from the Guest Editor**

We would like to invite researchers to participate in this Special Issue by submitting a contribution in their field of expertise. Both original research papers and global or specialized critical reviews are welcome.

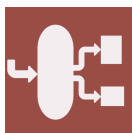
Potential topics include, but are not limited to, the following:

Deadline for manuscript  
submissions:

**30 November 2024**

- Advanced analytical methodologies for the isolation, purification, and analysis of phytochemicals from food, food wastes, and medicinal plants;
- Phytochemicals and metabolites in plants, food, and biological samples;
- Biological activities and mechanisms of action;
- Health benefits, in vivo evaluation;
- Development of novel antioxidants and phenolic-based nutraceuticals as well as functional ingredients.





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

*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.

## 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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)