



## Functional Natural Compounds

Guest Editors:

### Dr. Filipa Mandim

CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

### Dr. Celestino Santos-Buelga

Department of “Nutrición y Bromatología” (Food Science and Nutrition), Facultad de Farmacia, Universidad de Salamanca (Spain), Campus Miguel de Unamuno, E37007 Salamanca, Spain

Deadline for manuscript submissions:

**closed (20 September 2023)**

### Message from the Guest Editors

The growing awareness surrounding the benefits of natural-origin products with the detriment of synthetic ones has resulted in pressure on diversified sectors (e.g., food, cosmetics, energy and pharmaceuticals). Ecosystems are rich in biodiversity and natural resources, constituting an endless source of chemical compounds. Those natural matrices could be explored as extracts, taking advantage of their synergic effects. This creates an ideal opportunity for the discovery of promising molecules that could be studied as natural ingredients, acting as novel additives in the food industry or as functional compounds for novel pharmaceuticals. As a result of these challenges, the quest for functional components of natural origin is critical, and a promising research area.

This Special Issue invites researchers to contribute their original research or review articles related to natural compounds and their functionalities. Topics of interest include biomolecules extracted from plant species, mushrooms, marine and bee products, chemical and biological characterization, extraction procedures, isolation and exploitation in diversified applications.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)