

## Special Issue

# Extraction of Functional Ingredients and Their Application

### Message from the Guest Editor

The aim of this Special Issue is to present the latest research findings on the extraction of functional ingredients from different raw materials, including biomasses of plant or animal origin. From this perspective, great importance is given to the discussion of advanced innovative methods for extraction, in accordance with the principles of green chemistry and green extraction, to isolate, purify, formulate, and analyze the composition and properties of the extracted bioactive compounds. Contributions to this Special Issue can concern all aspects of the development and optimization of new extraction procedures, as well as those applied to wastes and by-products of the agro-food chain. Studies on the application of the extracted bioactives in different sectors such as the food industry (e.g., functional foods, nutraceuticals, and dietary food supplements), cosmetics, or in the field of biomaterials (e.g., innovative packaging) are also welcome.

### Guest Editor

Dr. Federica Turrini

Department of Pharmacy, University of Genoa, Viale Cembrano 4, 16148 Genoa, Italy

### Deadline for manuscript submissions

20 October 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/212807](https://mdpi.com/si/212807)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

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

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )