



foods



an Open Access Journal by MDPI

Antimicrobial and Antioxidant Natural Compounds in Foods

Guest Editor:

Dr. Francesca Mariani

Institute Biological Systems,
National Research Council, ISB-
CNR, Strada Provinciale 35d, 9,
Montelibretti, 00010 Rome, Italy

Deadline for manuscript
submissions:

closed (10 July 2023)

Message from the Guest Editor

The use of herbs for nourishment and cure arises from the beginning of human life on Earth. The development of extraction techniques in the 18th and 19th centuries with the aim of discovering bioactive compounds in plant matrices led to the previous strategy of the use of the whole phytocomplex becoming obsolete. However, in the last thirty years, we have witnessed a progressive reevaluation and rediscovery of natural compounds both as phytotherapeutics and as healthy foods. In fact, the analysis of the metabolic compositions of different edible medicinal plants and the study of their biological properties are continuously generating new information about these plants' antioxidant and antimicrobial properties. This Special Issue of *Foods* aims to collect original contributions on a wide variety of edible medicinal species, both cultivated and growing in the wild, the characterization of which is still incomplete.



mdpi.com/si/116289

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

Journal Rank: JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)