Special Issue

Application of Natural Plant Extracts to Improve the Nutritional and Health-Related Properties of Food Products

Message from the Guest Editors

In recent years, natural compounds derived from plant-based matrixes have become increasingly important for their potential applications in the field of health. However, their use has opened up new challenges in i) obtaining extracts with a high qualitative value via standardizing extraction and purification processes; ii) identifying the components of extracts through chemical characterization; and iii) delivery techniques that enable components to be stabilized over time through the use of procedures. Despite these challenges, which are under study, such extracts have a number of broad health benefits due to their additive or synergistic effects as well as multiple applications for human health. For this Special Issue, we aim to collect scientific papers on in vitro, in vivo, and ex vivo studies of natural plant extracts and their applications for human health. Biological and nutritional mechanisms, as well as the potential of using bioactive extracts in the prevention of diseases, will all be discussed.

Guest Editors

Dr. Giuseppina Crescente
Institute of Food Sciences, National Research Council (ISA-CNR), 83100 Avellino, Italy

Dr. Stefania Moccia
National Research Council, Institute of Food Sciences, 83100 Avellino, Italy

Deadline for manuscript submissions

closed (31 December 2024)

Foods

mdpi.com/journal/
foods

About the Journal

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.

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

Author Benefits

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))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2024).