Special Issue

Functional Compounds from Food Waste and Their Applications in Industry

Message from the Guest Editors

The use of waste derived from the food industry is a source of flavonoids, non-flavonoids, and essential oils, which possess preservative, antioxidant, and nutritional properties. Antioxidants and essential oils, which are currently under extensive study, demonstrate significant preservative effects and offer natural alternatives to synthetic additives, promoting healthier options. The recovery, utilization, and commercialization of these compounds can open new markets and generate business opportunities in the food, cosmetics, and pharmaceutical sectors. The application of these compounds can boost the development of attractive products for health-conscious consumers. Furthermore, the use of agro-industrial byproducts contributes to biodiversity conservation by promoting the sustainable use of resources and reducing the overexploitation of natural resources.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Flavonoids and non-flavonoids:
- Functional compounds;
- Food waste;
- Antioxidant molecules;
- Preservative compounds:
- Health benefits;
- Nutritional value:
- Essential oils.

Guest Editors

Dr. Eristeo Garcia

Centro de Investigación y Asistencia en Tecnología y Diseño del Estado de Jalisco, Autopista Mty-Aeropuerto Km 10 Parque PIIT, Vía de Innovación 404, Apodaca 66629, Nuevo León, Mexico

Dr. Vladimiro Cardenia

Department of Agricultural, Forest and Food Sciences, University of Turin, Turin, Italy



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Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

mdpi.com/journal/ foods





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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 47907, USA
- 2. Department of Comparative Pathobiology, Purdue University, West Lafavette. IN 47907. USA

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