



foods



an Open Access Journal by MDPI

Development of Ingredients for Food Industry through By-Products Valorization

Guest Editors:

Dr. Raquel Madureira

CBQF—Centro de Biotecnologia
e Química Fina—Laboratório
Associado, Universidade Católica
Portuguesa, Escola Superior de
Biotecnologia, Rua Diogo
Botelho 1327, 4169-005 Porto,
Portugal

Dr. Ana Oliveira

Escola Superior de
Biotecnologia, Universidade
Católica Portuguesa, 4169-005
Porto, Portugal

Deadline for manuscript
submissions:

closed (10 April 2023)

Message from the Guest Editors

As consumers become more aware of the health effects of food, Food industry is looking for natural ingredients to replace artificial/synthetic ones. Nevertheless, the supply chain of natural compounds to produce these ingredients is limited. Hence, to respond to the limitation of natural compounds' supply chain and produce natural and sustainable ingredients, the use of industrial wastes and by-products has become a solution, which also provides an opportunity for earning additional income for the dependent industrial sector. The recovered compounds can be introduced again in the supply chain leading to the circular economy approach. On the other hand, the effective valorisation of industrial wastes and by-products can efficiently help in reducing environmental problems by decreasing unwarranted pollution.

Several types of wastes and by-products can be generated from dairy, crops, citrus, fish, meat, and other industries, and can be used as sources of natural compounds, including phytochemicals, enzymes, carotenoids, vitamins, proteins, polysaccharides, fibres, etc. These compounds can be used to develop functional ingredients and bioactive ingredients beneficial for health.



mdpi.com/si/111649

Special Issue

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 & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
X@Foods_MDPI