Special Issue

Innovative Applications of Mass Spectrometry to Valorize Food and Agro-Food By-Products

Message from the Guest Editors

The application of mass spectrometry (MS) methods based on both untargeted and targeted approaches coupled to chromatographic systems represents to date a good tool for understanding the effects of processing on agro-food by-products quality, especially if the recovery techniques can impact the quality of the proteins, lipids and metabolites. Based on the above-mentioned premises, this Special Issue intends to collect research articles and review papers dealing with the development of rapid and innovative MS-based approaches as good perspective for boosting environmental as well as economic sustainability of our current food system. The following are welcomed: - Methodological papers focused on by-product molecular profiling and articles that deepen the identification; - Physical and sensory characterization; - Quantification of the main components including bioactive compounds of agro-food by-products.

Guest Editors

Dr. Gilda Aiello

Prof. Dr. Anna Arnoldi

Dr. Gianluca Tripodi

Deadline for manuscript submissions

closed (20 December 2022)

Foods

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 7.4
Indexed in PubMed

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 14.3 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2024).