# Special Issue

# Characterization and Quality Evaluation of Food and Beverages through Spectroscopy and Chemometrics

## Message from the Guest Editor

Food and beaverages evaluation and characterization are a a contiuous challenge. The need to detect increasingly sophisticated fraud techniques, to quickly assess quality in off-line and on-line monitoring and to accurately characterize food and beverages demand for quick, accurate and expedite laboratorial techniques. Spectroscopy, mostly infrared and mass, has became an interesting alternative to standard laboratorial techniques due to its fastness, environmentally friendly characteristics and accuracy. Moreover, the development of metabolomics boosted the knowledge on food and beaverages compostion being an efficient way to detect its quality/degradation. Due to the high amount of data generated by these spectroscopic techniques, chemometrics is sometimes a mandatory tool helping to extract the valuable information of such complex matrices.

### **Guest Editor**

Dr. Clara Sousa

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

### Deadline for manuscript submissions

closed (20 June 2023)



# **Foods**

an Open Access Journal by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/92206

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

mdpi.com/journal/ foods





# **Foods**

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



# **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

#### **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 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

