



*foods*



an Open Access Journal by MDPI

## Recent Developments in the Applications of Fingerprinting Technology in the Food Field

Guest Editors:

**Prof. Dr. José Sousa Câmara**

CQM - Centro de Química da Madeira, Faculty of Exact Sciences and Engineering, University of Madeira, Funchal, Portugal

**Dr. Sonia Medina-Escudero**

CQM - Centro de Química da Madeira, University of Madeira, Portugal

**Dr. Rosa M. Perestrelo**

CQM - Centro de Química da Madeira, University of Madeira, Funchal, Portugal

Deadline for manuscript submissions:

**closed (31 July 2020)**

### Message from the Guest Editors

In recent years, the concerns and interest by consumers for the high quality and safety of natural and processed foods of vegetable and animal origin has increased significantly. The main demands are directed towards food origin, shelf life, adulterations, and food composition related with potential health benefits. Currently, a combination of well-established and recognized high-resolution analytical methods, comprising mass spectrometry techniques, sensor technologies, amongst others, seems to be the most promising approach to food fingerprinting, in a nonselective way, as a strategy to establish its composition and to certify its integrity, constituting a useful support on detection adulterations and contaminations. This Special Issue aims to address relevant contributions on all aspects of food fingerprinting technologies, constituting a useful platform to enable the food industry, consumers, governments, and regulatory organisms to keep up to date with the most recent and innovative developments in production technologies and processes in addition to analytical fingerprinting techniques in food science.



[mdpi.com/si/27038](https://mdpi.com/si/27038)

**Special** Issue



*foods*



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 and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://www.instagram.com/Foods_MDPI)