

## Special Issue

# Research Advances on Formation Mechanism, Detection Techniques and Control Methods of Biogenic Amines in Foods

### Message from the Guest Editors

After a long period, the main effort was to monitor the content of biogenic amines (BAs) in fermented foods, nowadays the scientific community is further considering the real impact on human beings, evaluating health implications, positive and negative effects driven by specific dietary patterns, and other strategies to both reduce people's discomfort with foods and limit the incidence of hazardous contents in final products.

In foods, the occurrence of BAs can be correlated both to a mechanism of BAs formation and degrading, and to transamination pathways; for this, not only it is fundamental to deepen our understanding of the microbiota, but also, many technological factors could have important influences.

Regular monitoring allows for the identification of foods with elevated levels of BAs, prompting necessary interventions. In consideration of this, the development of affordable and faster analytical methods and new technologies for the rapid screening of BAs could be useful both to food production and to market retail. Finally, we expect that the authors will be able to deepen the field by adding their knowledge and expertise via original research, projects, and support.

### Guest Editors

Prof. Dr. Maria Martuscelli

Department of Bioscience and Technology for Food, Agriculture and Environment, University of the Studies of Teramo, Via Balzarini 1, 64100 Teramo, Italy

Prof. Dr. Dino Mastrocola

Department of Bioscience and Technology for Food, Agriculture and Environment, University of the Studies of Teramo, via Balzarini 1, 64100 Teramo, Italy

### Deadline for manuscript submissions

closed (10 September 2024)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/177358](https://mdpi.com/si/177358)

*Foods*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

[mdpi.com/journal/  
foods](https://mdpi.com/journal/foods)





# Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/journal/  
foods](https://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 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, 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).