

## Special Issue

# Functional Analysis of Lactic Acid Bacteria and Bifidobacteria and Their Effects on Human Health

### Message from the Guest Editors

This Special Issue is calling for original papers, reviews, and mini reviews that characterize the functional properties of these bacteria and their beneficial effects for health. Among others, we would welcome reports of investigations of their antibacterial and antimicrobial, antiviral, antioxidant, and immunomodulatory properties, as well as analyses of their capability to produce oligosaccharides, exopolysaccharides, gamma-aminobutyric acid (GABA), conjugated fatty acids (CFAs), short-chain fatty acids (SCFAs), vitamins, and their ability to metabolize toxic and antinutritional compounds, such as biogenic amines and cholesterol. Moreover, we are interested in studies of lactic acid bacteria as starters of fermentations or components of food and beverage microbiota, as well as their influence on human and animal microbioma.

### Guest Editors

Dr. Paloma López

CSIC—Centro de Investigaciones Biológicas Margarita Salas (CIB-Margarita Salas), Ramiro de Maeztu, 9, 28040 Madrid, Spain

Dr. Maria Teresa Dueñas

Faculty of Chemical Sciences, University of the Basque Country (UPV / EHU), Paseo Manuel de Lardizabal, 3, 2018 Donostia-San Sebastián, Spain

### Deadline for manuscript submissions

closed (31 March 2022)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 6.0  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/67600](https://mdpi.com/si/67600)

*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 6.0  
CiteScore 10.3  
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 14.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2026).