

IMPACT FACTOR 4.7





an Open Access Journal by MDPI

# Functionality and Stability of Probiotics, Postbiotics, Parabiotics and Plant Bioactives in Food System

Guest Editors:

## Prof. Dr. Maria Jose Frutos Fernandez

Agrofood Technol Department, Miguel Hernandez University, Ctra Beniel, Km 3-2, 03312 Alicante, Spain

#### Dr. Letizia Bresciani

The Laboratory of Phytochemicals in Physiology, Human Nutrition Unit, Department of Veterinary Science, University of Parma, 43125 Parma, Italy

Deadline for manuscript submissions:

closed (15 April 2022)

# **Message from the Guest Editors**

Dear Colleagues,

Currently, consumers have become more aware of the need to maintain a healthy lifestyle and are demanding foods with more benefits in their composition. For this reason, the food industry has increased the development of functional foods and bioactive ingredients by incorporating probiotics, bioactive compounds, postbiotics, and parabiotics, representing a new category of foods for the improvement of biological responses. Bioactives are subject to physicochemical changes due to the processing, gastrointestinal digestion, and to the food matrix. Therefore, to achieve health benefits, researchers must investigate the functional, nutritional, technological, and organoleptic properties, thus guaranteeing the stability, bioaccessibility, and bioavailability of the added functional compounds through different strategies.

This Special Issue of *Foods* aims to collect original research articles and reviews to expand knowledge in the field of stability and functionality of probiotics, postbiotics, parabiotics, and plant bioactives for the development of functional foods and ingredients.







IMPACT FACTOR 4.7





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**