

## Special Issue

# Barley—a Versatile Crop for Innovative and Sustainable Food Production (2nd Edition)

### Message from the Guest Editors

We are delighted to announce this Special Issue, Barley—a Versatile Crop for Innovative and Sustainable Food Production (2nd Edition)", which aims to advance our understanding of barley cultivars, their properties, and their applications in sustainable food systems. This Special Issue seeks to explore recent advances in the quality evaluation, processing, and application of barley and barley-based products. We invite original research articles, reviews, and case studies that address, but are not limited to, the following topics:

- Barley breeding for improved food quality and sensory attributes;
- Novel approaches to evaluating the nutritional composition of barley cultivars;
- Barley as a functional food ingredient and dietary solution;
- Applications of barley in traditional and innovative food products;
- Quality assessment methods for barley-based products and beverages;
- Barley bioactive compounds and their health benefits;
- Barley quality in the context of sustainability and environmental impact;

We look forward to receiving your valuable contributions in this innovative field of research. Sincerely,

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### Guest Editors

Prof. Dr. Jasmina Lukinac

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### Deadline for manuscript submissions

30 October 2026



## Plants

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## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
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