

## Special Issue

# Advanced Research on Sprouts and Microgreens as a Source of Bioactive Compounds—2nd Edition

### Message from the Guest Editors

This Special Issue aims to collect advanced and innovative research contributions on topics including, but not limited to, the following:

- exploration of plant species diversity (including local or underutilized genetic resources) to identify those with optimal germination and nutritional traits for sprouting and microgreen production;
- understanding the genetic diversity of sprouts and microgreens, as the genotype plays a crucial role in determining their nutritional profile and associated health benefits;
- application of elicitation techniques to enhance the accumulation of secondary metabolites with health-promoting properties;
- epigenetic effects on phytochemicals due to stressful conditions applied to mother plants;
- effects on bioactive compounds given by combinations of elicitors;
- mineral biofortification of sprouts and microgreens;
- implementation of genetic and molecular strategies to boost metabolite biosynthesis and improve stress responses in edible sprouts.

We welcome original research articles, reviews, and short communications that contribute to advancing this emerging and multidisciplinary field.

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### Guest Editors

Dr. Angelica Galieni

Dr. Beatrice Falcinelli

Dr. Sara Sestili

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### Deadline for manuscript submissions

28 February 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

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