

## Special Issue

# Weaponizing Plants: Where Old and New Plant Protection Strategies Are Taking Us?

### Message from the Guest Editors

This Special Issue covers plants in terrestrial, inland water and marine environments, aiming to collect the most updated insights, innovative strategies and experimental developments intended to increase plants' health, biosecurity and conservation. Original research papers and reviews describing CRISPR/Cas9 in plant biotechnology, bioinformatic resources, innovative approaches for endangered species management and/or restoration, exploitation of biological control agents as well as biostimulants, development and/or validation of plant resistance enhancers against biotic stress (through direct or indirect antagonistic interaction with the pathogen, competition for nutrients and space, hyperparasitism, antibiosis, production/regulation of secondary metabolites with biocontrol activity or supporting antagonists to gain a competitive advantage) or abiotic adversities (salinity, flooding, drought, heavy metals, anthropogenic pollutants). Ecological studies and evolutionary investigations are also encouraged and welcomed. But beware! Particular attention to plants is highly recommended.

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### Guest Editors

Dr. Francesca Degola  
Prof. Dr. Beata Zimowska  
Dr. Gianluigi Giannelli

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### Deadline for manuscript submissions

30 September 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, and 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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