

# Special Issue

## Apomixis in Plants

### Message from the Guest Editor

Apomixis is one of the most intriguing traits observed in angiosperms. Sexuality and apomixis establish a sophisticated reproductive strategy, consisting of the generation of variability through recombination and hybridization, followed by cloning and propagation through seeds of best adapted individuals. However, in order to fully and responsibly harnessing apomixis into plant breeding, detailed knowledge on its underlying molecular mechanisms, as well as its connection with sexuality and polyploidy, is required. This Special Issue of *Plants* will welcome primary research papers and reviews focused on the genetic, epigenetic, and biochemical aspects that control apomixis in plants, as well as its impact in population and ecology dynamics and its link with sexuality and polyploidy. It will also highlight articles that prospectively explore the use of apomixis in breeding programs.

### Guest Editor

Dr. Silvina Pessino

Laboratorio de Biología Molecular, Universidad Nacional de Rosario, Rosario, Argentina

### Deadline for manuscript submissions

closed (31 March 2024)



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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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