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Apomixis in Plants

Guest Editor:

Dr. Silvina Pessino

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

Deadline for manuscript
submissions:

closed (31 March 2024)

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.



mdpi.com/si/170909

Special Issue



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Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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