



Molecular and Cellular Characterizations: Reproductive Development in Plants

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Message from the Guest Editor

Dear Colleagues,

The Special Issue will focus on publishing high-quality research in the field of cellular and molecular mechanisms of reproductive development in ornamental plants, including those involved in the process of floral induction and organogenesis, flower bud or organ development, meiosis, microsporogenesis and male gametophyte development, megasporogenesis and female gametophyte development, pollen germination, pollen tube growth and guidance, double fertilization and embryo development, seed development and dormancy, etc. Studies focusing on revealing the molecular mechanism of self-incompatibility, cross-compatibility, cross-reproductive barriers, and the strategies to overcome the barriers underlying distant hybridization (including interspecific and intergeneric hybridization) are strongly encouraged and will be given priority for acceptance to publication.

Keywords:

- floral induction and organogenesis
- flower bud development
- meiosis
- microsporogenesis
- megasporogenesis
- pollen development
- pollen germination
- pollen tube growth
- embryo development and abortion
- self-incompatibility



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Special Issue

- cross reproductive barrier.



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Message from the Editor-in-Chief

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