Special Issue

Epigenetic Mechanisms Regulating Plant Development

Message from the Guest Editor

Epigenetic mechanisms such as DNA methylation and chromatin alterations have a decisive function in regulating plant development. The involvement of epigenetic mechanisms in the plant response to environmental cues has been documented. Understanding how epigenetic regulation is involved in plant development is highly desirable, not just for a better understanding of molecular mechanisms of plant response to environment but also for possible application in the genetic manipulation of plants. The proposed topic is focused on epigenetic regulation of plant development. We welcome all types of articles (original research and reviews) that provide new insight into different aspects of plant epigenetics, including its regulation, its function in plant development and plant responses to abiotic and biotic stresses.

Guest Editor

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Deadline for manuscript submissions

closed (1 August 2022)

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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