

## Special Issue

# Chromatin Remodeling and Epigenetic Regulation in Plants

### Message from the Guest Editors

Chromatin remodeling and epigenetic regulation are currently the most exhaustively studied evolutionary conserved regulatory mechanisms involved in Eukaryota in the control of chromatin status, chromatin structure, higher order chromatin organization, DNA accessibility, etc. Development, signaling pathways, adaptation to the environmental changes, pathogen attack, and other various processes require a precise response at the transcriptomic level resulting in the proper spatiotemporal gene expression. Thus, chromatin remodeling and epigenetic regulation play an important role in the fine-tune regulation of all of these processes, and their impairment may have dramatic consequences at the whole organism as well as molecular levels.

This Special Issue of *Plants* will highlight the function of chromatin remodeling and epigenetic regulation in the development and growth of plants, and in their role in the interactions of plants with their environment. Last but not least, the employment and exploitation of plant models to understand evolutionarily conserved chromatin-related processes/mechanisms in higher Eukaryota will be given a special focus.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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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