Special Issue

Photoreceptor Signaling in Plants under Environmental Stress

Message from the Guest Editors

This Special Issue is devoted to recent advances and insights into photoreceptor signaling in plants and algae under various environmental stresses. It draws together multidisciplinary research focusing on the molecular mechanisms that regulate plant responses to stress conditions and the crucial role of photoreceptors in such adaptive strategies. This Special Issue encompasses studies on how plant cells utilize photoreceptor signaling to modulate growth, development, and survival in challenging environments. This Special Issue will explore the role of the interplay between photoreceptor signaling and plant hormonal pathways and the effect of light quality on plant stress resistance, in addition to including studies into the genetic and epigenetic aspects of photoreceptor signaling on the intricate regulatory networks that dictate plant adaptation to environmental stressors. Keywords:

- photoreceptor signaling
- adaptive strategies
- plants and algae
- abiotic and biotic stresses

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Deadline for manuscript submissions

closed (25 March 2024)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/175043

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About the Journal

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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