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Plant Developmental Responses to the Environment

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Considering effect of environmental conditions in plant growth, this Special Issue is dedicated to cellular and molecular mechanisms engaging development to environmental sensing. Since such developmental decisions arise from hierarchical responses in a broad spatiotemporal scale, we invite articles addressing early mechanisms of signal transduction associated with environmentally-controlled developmental programs, comparative transcriptional and epigenetic programs accompanying such differential developmental pathways, whole proteome surveys of protein complements or post-translational modifications and systems approaches modeling developmental responses to abiotic stresses or plant biotic interactions. Additionally, reports on unique environmental adaptation strategies at any level of plant body organization will be of high interest.

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Dr. George Komis

Dr. Despina Samakovli

Guest Editors



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Special Issue



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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, 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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