



Signal Conversion and Auxin Transport in Plant Tropism

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Message from the Guest Editor

Dear Colleagues,

Plants control their growth to enable efficient uptake of environmental resources, such as water and nutrients. For a long time, scientists have made efforts to understand the basis of the signaling pathway transmitting inordinate environmental stimuli to a molecular mechanism regulating cellular responses. Plant hormones have been shown to play an important role in the signaling pathway as a master signaling substance. However, it remains unknown how plants transduce environmental signals into biochemical signal transduction. In recent years, it has been indicated that the membrane trafficking system plays key roles in the signaling pathway of environmental responses. The membrane trafficking system seems to regulate polar localization of membrane protein in response to directional and variable environmental stimuli.

This Special Issue aims to discuss insights about the membrane trafficking in plants. Furthermore, we provide an overview of new advances in the development of polar localization of membrane proteins. This Special Issue will accept articles on membrane trafficking, localization of proteins, environmental signaling, and plant hormones.





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Message from the Editor-in-Chief

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