

Special Issue

Plant Ion Transport

Message from the Guest Editors

Plants use membrane transport to mediate solute uptake, maintain cellular homeostasis, and improve stress resilience. This process is facilitated by diverse ion transporters in conjunction with systemic regulation of membrane-signaling. This Special Issue will focus on recent advancements in plant ion transport and its integration with membrane signal transduction, and will highlight how plants use membrane transporters to modulate growth, development, and stress responses. We welcome submission of articles (original research papers, perspectives, hypotheses, opinions, reviews, modeling approaches, and methods) related to the physiological aspects of nutrient transport, water uptake, stress tolerance, membrane signal regulation, transcriptional and post-translational regulation of ion transporters, and biosensors of ions or signal molecules.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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