



Ion Transport and Homeostasis in Plants

Guest Editors:

Dr. Ryoung Shin

RIKEN Center for Sustainable
Resource Science, Yokohama
230-0045, Japan

Dr. Nobuyuki Uozumi

Department of Biomolecular
Engineering, Tohoku University
Sendai 980-8579, Japan

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Message from the Guest Editors

Dear Colleagues,

Ion transport by ion channels and transporters is an essential mechanism in maintaining the life of all living organisms and is required for nutrient uptake, responding to external and internal stimuli, and ion homeostasis in plants. Ion homeostasis is a critical regulatory mechanism for many fundamental processes, such as maintaining electroneutrality, controlling turgor pressure, membrane potential cell volume, and ion movements across the plasma membrane and organella membrane. Understanding ion transport and homeostasis is, therefore, crucially important and gets attention as one of the major research topics today. This Special Issue will shed light on the mechanisms of ion transport activities via ion channels/transporters and of ion homeostasis in plants. We warmly welcome submissions, including original research papers and reviews, on this topic.

Dr. Ryoung Shin

Dr. Nobuyuki Uozumi

Guest Editors





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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