

## Special Issue

# Transport of Specialized Metabolites

### Message from the Guest Editor

Specialized metabolites, also called secondary metabolites, are involved in defense against herbivores and pathogens; communication between plants, insects, and microorganisms; defense against ultraviolet radiation, and others. Most of such specialized metabolites are either accumulated in specific organelles, or are released from cells to the phyllosphere, atmosphere, and rhizosphere in response to environmental changes and biotic and abiotic stresses. The accumulation or release of specialized metabolites is necessary to exhibit their physiological roles. In recent years, many studies have reported not only the phenomenon of specialized metabolite transport but also the isolation and functional analysis of transporters, e.g., ABC transporter, MATE transporter, NPF, and PUP, and their physiological roles. More recently, the application of transporters, i.e., transport engineering, has enabled control of the production of specialized metabolites. In this Special Issue, articles (original research papers, perspectives, opinions, reviews) are welcome that focus on transport or transporters of specialized metabolites.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2023)



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*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, and 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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### Editor-in-Chief

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