

Special Issue

Fruit Biology

Message from the Guest Editor

Fruit serve important roles in the lifecycle of plants. As the harbourers of seed, fruit protect the undeveloped seed from damage and then aid in the distribution of the seed upon their maturation. Many fleshy fruits also contribute significantly to human nutrition either as fresh produce or value-added products such as juices, preserves, dried-fruit or fermented beverages. While fleshy fruit are often grouped based on similar properties (e.g., climacteric versus non-climacteric), the variation in the biology of fruit is enormous. This diversity has proved to be of interest developmentally due to the array of floral tissues from which the fruit derive and significant differences in fruit morphology even within species. Fruit also store carbon in many different forms and to differing concentrations, and in many cases how or why this occurs is still unknown. Fruit are also rich sources of secondary metabolites that are used both defensively, to deter would-be consumers of unripe fruit, and as attractants to advertise that the fruit is ready to be consumed by appropriate seed-dispersal agents.

Guest Editor

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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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