

Special Issue

Degradation of Plant Organelles and Cell Remodeling during Autophagy

Message from the Guest Editor

The pro-survival role of autophagy in plant cells during stress has been confirmed in many studies. Intriguingly, autophagy can be recruited to serve as a mechanism of programmed cell death (PCD) during development, and was suggested to play a similar role in some cases of stress-induced PCD. The fine-tuned interplay between autophagy and PCD during the plant immune response is critical for the resistance to diverse pathogens. This Special Issue invites research papers and reviews about the molecular and cellular mechanisms and regulators of autophagy, as well as the variety of roles autophagy plays in cells of plants and algae.

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, 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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