Special Issue

Plant Proteostasis

Message from the Guest Editor

Proteostasis is regulated, among others, by proteolytic degradation through bulk proteolytic machineries (proteasome and autophagy), but also by a diverse and fascinating group of proteases that execute limited proteolysis. Exploiting the chemical diversity and functions of proteolytic pathways could generate new leads for improving plants and related biobased products. Much remains to be discovered, as we now have new methods for determining the fate and turnover of proteins, important proteases, and their corresponding substrates. Furthermore, proteolytic degradation pathway engineering is now expanding from models to crops, with the potential to benefit productivity and environmental resilience to threats. This Special Issue of *Plants* will highlight the molecular aspects, evolution, and diversity of plant proteostasis.

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.

Editor-in-Chief

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