

Special Issue

Molecular Mechanisms of Biosynthesis and Regulation of Plant Secondary Metabolites

Message from the Guest Editor

Plant secondary metabolites are produced within the plants for protection against environmental stresses, including flavonoids, terpenoids, alkaloids, etc. They have been widely used as pharmaceuticals, food additives, etc., for a long time. In recent years, the ecological functions of plant secondary metabolites have gained attention. Understanding the molecular mechanisms pertaining to the biosynthesis and regulation of plant secondary metabolites could help to improve the content of metabolites or create valuable plants with enhanced resistance using molecular breeding. This Special Issue of *Plants* will highlight the function, regulation, and diversity of plant secondary metabolites, as well as their roles in the interactions of plants and their environment.

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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