

## Special Issue

# Plant Specialized Metabolism

### Message from the Guest Editors

Plant metabolism encompasses the dynamic and complex arrays of chemical reactions occurring in plant cells and is vital for sustaining their life. It is divided into two categories: (i) the primary or central metabolism and the (ii) specialized, or traditionally known as secondary, metabolism. Primary metabolism is vital for the survival of the plants, while specialized metabolism serves a multitude of functions including reproduction, defense, and the interaction of plants with their environment. Depending on the chemical structure and biosynthetic origins, plant specialized metabolites are divided into three major groups: (i) phenolics (ii) terpenoids and (iii) nitrogen-containing alkaloids and sulphur-containing compounds. This Special Issue focus on the comprehensive understanding of this important class of biomolecules, covering the topics of their biosynthetic pathways, functional characterization, metabolic engineering, and evolutionary studies.

### Guest Editors

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### Deadline for manuscript submissions

closed (5 January 2022)



## Plants

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### Editor-in-Chief

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