

Special Issue

Orchid Biochemistry

Message from the Guest Editor

Orchidaceae is one of the largest families among the angiosperms and is represented by approximately 25,000–28,000 species worldwide across a wide range of habitats. Orchids are well known for their attractive flowers and have highly economical value in the global horticultural market. What often receives less attention is the fact that some orchids are edible or scented, and more than this, many species have long been used in preparations as traditional medicine. In the past two decades, extensive studies have been carried out on genetic and functional genomic analysis to achieve progress on biotechnology and breeding programs in orchids. However, in-depth research on bioactive compounds of orchids is still limited to several species. In order to address the lack of phytochemical knowledge, this Special Issue aims to integrate recent innovative approaches and attempt to make significant progress in orchid biochemistry by expanding knowledge on a wide range of topics, including biosynthetic machinery, pharmacognosy, biotechnology, and high-throughput technologies, including bioinformatics and other related topics.

Guest Editor

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