

Special Issue

Orchids: Advances in Propagation, Cultivation and Breeding

Message from the Guest Editors

Studies in the propagation, cultivation, and breeding of orchids are pivotal for advancing scientific endeavors. 'Orchids: Advances in Propagation, Cultivation, and Breeding' is a Special Issue dedicated to the latest research in the field of orchid propagation, cultivation, and breeding. This Special Issue aims to showcase cutting-edge studies on the diverse techniques and advancements in orchid husbandry, from traditional methods to modern biotechnological approaches. This Special Issue covers the collection, preservation, and evaluation of orchid resources, summarizing the research achievements of modern breeding techniques in orchid genomics, functional gene mining, molecular regulatory mechanisms of important traits, and new variety breeding. At the same time, it also explores the research progress in industrialization technologies such as seedling propagation, facility cultivation, flowering control, pest and disease prevention, and the physiological and molecular mechanisms underlying orchid-mycorrhizal symbiosis and endophytic fungi.

Guest Editors

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Luigi De Bellis

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