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Genetic Improvement and Breeding of Grape

Guest Editors:

Dr. Guotian Liu
College of Horticulture, Northwest A&F University, Yangling 712100, China

Dr. Zhi Li
College of Horticulture, Northwest A&F University, Yangling 712100, China

Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Grape is widely grown because of its high fruit quality and adaptability in a wide range of climatic conditions. However, there are many limiting factors, such as fungal diseases, insect pests, drought, cold, changeable climate, etc. The objectives of grape genetic improvement must be to solve these emerging problems in addition to maintaining yield and quality. The aim of a number of grapevine breeding programs throughout the world is to develop new varieties or germplasms with higher quality and resistance to biotic and abiotic stresses as well as better adaptability. The purpose of this Special Issue on "Genetic Improvement and Breeding of Grape" is to discuss, among others, the following aspects: (1) gene identification and mapping of excellent grape traits, such as fragrant genes, seedless genes, and resistant genes; (2) development and assisted breeding of grape molecular markers; (3) breeding and identification of new grape varieties, such as improvement of grape embryo rescue breeding efficiency and identification of seedless lines; (4) application of grape transgenic technology; etc.

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Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

Message from the Editor-in-Chief

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Contact Us

Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
𝕏@Horticul_MDPI