

Special Issue

Domestication and Genetics of Horticultural Plants

Message from the Guest Editors

We know well the fundamental role that the horticultural plants play in the lives of humans, by providing fruits and vegetables that can be consumed fresh or in a transformed form. In this context, a precise knowledge of the genetic diversity and domestication history of horticultural plants will have a beneficial impact for the set-up of (i) appropriate strategies for the conservation of genetic resources, (ii) studies aimed at the elucidation of the evolutionary history of a species, and (iii) novel breeding plans. In particular, the study of the origin and domestication of cultivated species has become a topic of great interest and has made important progress by combining approaches from different disciplines. In this context, the advent of high-throughput sequencing technologies enabled the simultaneous interrogation of hundreds of thousands of polymorphisms, providing an unprecedented tool for the study of the genetic diversity within and between species. This Special Issue of *Plants* will highlight relevant research papers, as well as research communication and review articles, that are focused on the following themes.

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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, and 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.

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