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Olive and Grape Breeding

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Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

Plants will publish a Special Issue dedicated to Olive and grape breeding. Olive (*Olea europaea*) and grapevine (*Vitis vinifera*) are tree crops with long life cycles and environmental sensitivity. Therefore, breeding these crops to suit human needs is a significant challenge. The multiple uses of olive and grape trees as sources of food, beneficial nutrients, wood and rootstocks, as well as their economic value, explain the worldwide expansion of their cultivation since the spread of human civilization and, consequently, the growing interest of scientific community in their breeding capabilities.

New breeding research is continuously being pursued, mainly focusing on the utilization and preservation of germplasm for genetic improvement. The use of novel genetic diversity, by traditional and/or modern biotechnological tools, and the study of molecular mechanisms underlying key biological processes in these species are considered of paramount importance for obtaining new and improved cultivars of both qualitative and quantitative traits, and adapting them to resilient and sustainable growing systems.



mdpi.com/si/40357

Special Issue



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Message from the Editor-in-Chief

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