



Effects of Water Stress on the Biosynthesis and Accumulation of Secondary Metabolites in Fruit

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Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

Fruits constitute an important commercial and nutritional food commodity. There is a growing interest in the effects of changed climate on the quality of many fruits. It is established that water stress coupled with higher temperature is going to definitely alter quality. However, the response to water stress depends on the stress level and on the phenological stage at which it occurs: Short-term and mild stress often leads to increased production of secondary metabolites, whereas long-term water shortage could generate the opposite results, associated with an acclimation process.

The aim of this Special Issue is to bring together the latest advances in various aspects of physiological, biochemical, and molecular impacts of limited water availability on fruit quality, with a focus on the biosynthesis and accumulation of secondary metabolites.

We warmly welcome articles (original research, reviews, modelling approaches, perspectives, opinions) that focus on factors affecting sustained fruit growth and production under water scarcity, in plants grown in an open field or greenhouse, in any fruit species, including those industry-oriented.





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Message from the Editor-in-Chief

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