



Antioxidants in Olive Oils

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Message from the Guest Editors

Olive oil, and especially virgin olive oil (VOO), is well recognized as one of the healthiest edible oils in human diet. Multiple biological properties, providing beneficial effects in the prevention of degenerative diseases and also of aging, have been attributed to olive oil, and are mainly based on its antioxidant potential. Antioxidants of VOO are of high importance, not only acting *in vivo* against free radicals at any level, but also for the sensory quality and shelf-life of oil. In this sense, the antioxidant properties of VOO may be affected by different factors, such as cultivar, climatic and geographic aspects of producing areas and technologic aspects of oil production.

Many *in vitro*, *ex-vivo*, and *in vivo* studies, using different approaches and tests, have been carried out to investigate antioxidant activity of VOO over the last few years, and the related scientific research is of great interest. Therefore, in this Special Issue, original research papers or review articles focused on the different aspects of antioxidant compounds in olive oil are welcome.





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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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