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Olive Oil Antioxidants

Guest Editor:

Dr. Catalina Alarcón de-la-Lastra

Department of Pharmacology,
Faculty of Pharmacy, University
of Seville, 41012 Seville, Spain

Deadline for manuscript
submissions:

closed (15 February 2022)

Message from the Guest Editor

Extra virgin olive oil and table olives derived from *Olea europaea* L. contain phenol alcohols and acids, secoiridoids, lignans and flavones that are being actively investigated for their purported biological and pharmacological properties in diseases with an important pathogenetic contribution of oxidative and peroxidative stress and damage mainly cancer, autoimmunity, chronic inflammation, neurodegeneration, obesity, insulin resistance and diabetes, atherosclerosis, and ageing-related disorders mediated in part by direct antioxidant actions. Several mechanisms have been investigated such as including imbalance of the redox code via either preventive or radical-trapping antioxidants, their abilities to quench different kinds of radicals, $\text{HOO}\cdot$ radicals in addition to their abilities to contribute in the enzymatic decomposition of ROS and organic hydroperoxides by such enzymes, as glutathione peroxidases and superoxide dismutases, which increase the interest of studying these types of bioactive compounds in depth.

With your distinguished expertise in this area, I invite you to consider submitting a contribution to this Special Issue.



mdpi.com/si/40281

Special Issue



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Editor-in-Chief

**Prof. Dr. Alessandra
Napolitano**

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

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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Antioxidants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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