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Dietary Supplements and Oxidative Stress

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Deadline for manuscript
submissions:

closed (20 May 2023)

Message from the Guest Editors

Oxidative stress, characterised by an imbalance between reactive oxygen species and the antioxidant defence system, is associated with an increased risk of developing many types of diseases. The results of numerous studies indicate that dietary supplements (DS) may impact the process as well as antioxidant balance in the body.

It has been found some DS may enhance the process of free radicals and other reactive component production, but other DS, or the presence of other physical conditions, may suppress this process. However, both these states could impact antioxidant enzyme activity, lipid peroxidation, protein modification and DNA damage.

With the inconsistent research results regarding the use of DS and their association with oxidative stress and health, we would like to invite scientists to take part in a research endeavour that attempts to partially fill this gap by sharing their research findings in an upcoming Special Issue entitled “Dietary Supplements and Oxidative Stress”.



mdpi.com/si/126923

Special Issue



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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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