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Natural Products: Biological-, Antioxidant Properties and Health Effects

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Message from the Guest Editor

Natural products contain a large group of antioxidant compounds endowed with reducing and radical scavenging properties. Polyphenols, carbohydrates and derivatives, terpenoids, and essential oil components are only some of the compounds that are capable of counteracting oxidative damages. In vivo, they quench radical species, peroxides, and promoters of oxidative reactions and act on redox-sensitive transcription factors to reduce oxidative stress.

We cordially invite you to submit your research findings to this Special Issue, which has the aim to collect original research papers, reviews, clinical trials, and meta-analyses which cover all aspects of natural antioxidants' applications, biological properties, and antioxidant and health effects. In particular, papers dealing with plant antioxidants and natural products improving antioxidant capacity through agricultural, analytical, biochemical, molecular, or technological approaches, innovative uses in food and feed science as antioxidants and antimicrobial, or elucidating antioxidant mechanisms are particularly welcome.

We look forward to your contribution.



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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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