



Antioxidant and Biological Properties of Plant Extracts

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Message from the Guest Editors

For thousands of years, extracts and essential oils recovered from herbs and spices have also been used in folk medicine to limit those pathology-associated cell damages linked to a dis-balance of reactive oxygen species (ROS) generation, which might allow the occurrence of inflammatory and dis-metabolic and cardiovascular diseases and. In recent decades, the role of such antioxidants has also been investigated for their protective action in combating and curing ulcers in the gastrointestinal tract, so that they may possibly represent good therapeutic agents for the development of new phytotherapeutic medicine with antioxidant activity for the treatment of such pathologies.

Due to such a vast “portfolio” of beneficial effects, extracts and essential oils from herbs and spices are always interesting fields of research. We invite you to contribute your latest research findings or a review article to this Special Issue, which will bring together current research and critical thinking on the different actions exhibited by extracts or essential oils with ascertained antioxidant activity on the abovementioned critical situations.

We look forward to your contributions.





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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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