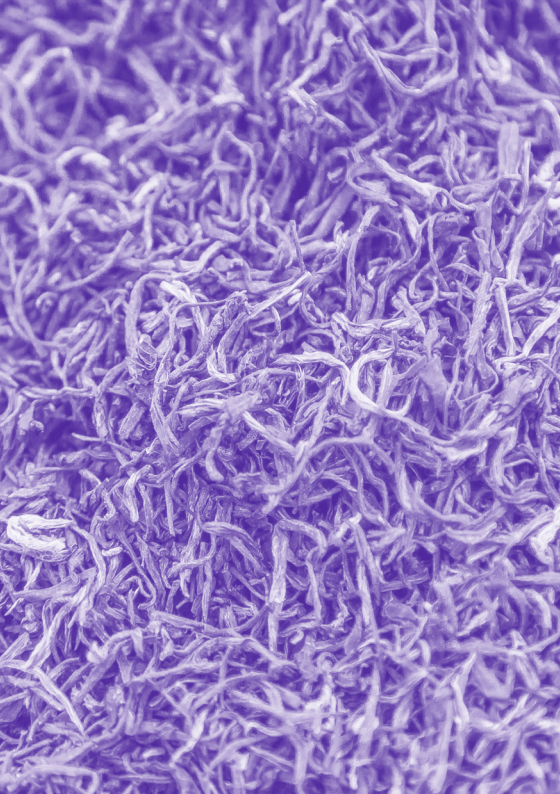




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Antioxidants



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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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Aims

Antioxidants (ISSN 2076-3921), provides an advanced forum for studies related to the science and technology of antioxidants. It publishes research papers, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

Scope

This journal provides an advanced forum for studies related to the science and technology of antioxidants, focusing on new insights and ideas on active species and processes of biological relevance, natural products, mechanisms of action, applications and uses.

The scope includes but is not limited to the following:

- biosynthesis, isolation and biological activity of redox active natural products
- natural and synthetic antioxidants and their relevance to plant, animal and human health and disease
- Reactive Species, including ROS, RNS and RSS
- antioxidant metabolism in biological systems from plants and microbes to animals
- elucidation of antioxidant mechanisms
- evaluation of antioxidant capacity in vitro and in vivo
- pharmacodynamics and pharmacokinetics of natural antioxidants
- redox modulation in biological systems by pro- and antioxidants
- biological redox catalysis and catalysts
- innovative techniques of antioxidant delivery and protocols for the extraction, isolation, structural characterization of new natural antioxidants
- dietary antioxidants, food supplements and subproducts
- safe antioxidant preservatives for foods, fodder and cosmetic formulations
- industrial uses of antioxidants for preventing the oxidative degradation of polymers such as rubbers, plastics and adhesives

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