



Feature Papers in ROS, RNS, RSS

Collection Editor:

Prof. Dr. Claus Jacob

Division of Bioorganic Chemistry,
School of Pharmacy, Saarland
University, D-66123
Saarbruecken, Germany

Message from the Collection Editor

This Topical Collection will address the latest developments in the field of reactive species, from their formation and physicochemical properties to their biological activity and analysis. A particular focus will reside on reactive species and health, an issue becoming increasingly important in modern societies affected by considerable demographic changes.

Topics covered in this collection include, among others:

Reactive oxygen species

Reactive nitrogen species

Reactive sulfur species

Formation of reactive species in biology

Detection and analysis of reactive species

Cellular redox signalling

Cell damage and repair

Environmental pollution and reactive species

Reactive species in ageing

Nutrition and antioxidants

Reactive species based on other elements

Cosmetics





an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [PubAg](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
[X@antioxidants_OA](#)