Special Issue

Reactive Sulfur Species (RSS) in Physiological and Pathological Conditions and in Therapy

Message from the Guest Editors

Reactive sulfur species (RSS) have been recognized as molecules playing an important role in redox signaling just like the well-known reactive oxygen (ROS) and nitrogen (RNS) species. This year marks 20 years since the term RSS was introduced, and although this topic is developing very dynamically and has been the focus of thematic sessions at large biochemical conferences, the concept of RSS is little known for many scientists working in other fields. It is especially important because disruption of RSS homeostasis may be implicated in many disorders, including cardiovascular diseases, cancer, immune system disturbances, metabolic syndrome, neurological deficits, and numerous others. In this context, studies aimed at searching for RSS donors which can be used to treat these pathologies are in progress. In this Special Issue, we welcome original research papers as well as review articles dedicated to the biological role of RSS. Papers based on human, animal, or cell studies can be published; new analytical methods for the detection of discrete pools of RSS in biological samples are also acceptable.

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About the Journal

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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