

Special Issue

Redox Modulation: Restoring Homeostasis with Antioxidants

Message from the Guest Editors

Dear colleagues, Redox generates energy that flows through networks, which fuels life. In a healthy body, the redox energy is high and kept within very strict limits. A disturbance of this homeostasis is key in the etiology of many diseases. Antioxidants can interact with molecules in the redox network to regain homeostasis. This Special Issue is dedicated to unraveling the molecular mechanism of redox modulation by antioxidants. Of special interest is the relationship between the molecular characteristics of antioxidants and their redox modulating activity. This knowledge will help us to differentiate between antioxidants and to select the appropriate antioxidant for a specific disorder.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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