Special Issue

Redox Regulation and Drug Discovery

Message from the Guest Editor

Redox regulation plays a significant role in drug target identification, drug discovery, and medical translation. It involves the regulation of the cellular redox state, which is critical for maintaining the balance between oxidative stress and antioxidant defense mechanisms. Redox regulation has been shown to affect various cellular processes, including signal transduction, gene expression, and protein function. By understanding the role of redox regulation in disease, researchers can identify new drug targets and develop more effective treatments. Redox regulation is thus an essential aspect of drug discovery and medical translation. This Special Issue will present research findings on the contribution of redox regulation in drug discovery and medical translation for the promotion of redox-balanced medicine.

Guest Editor

Prof. Dr. Junmin Zhang

School of Pharmacy, State Key Laboratory of Applied Organic Chemistry, College of Chemistry and Chemical Engineering, Lanzhou University, Lanzhou 730000, China

Deadline for manuscript submissions

closed (31 January 2024)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/182386

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

mdpi.com/journal/antioxidants

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/journal/antioxidants

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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano
Department of Chemical Sciences, University of Naples "Federico II", Via Cintia 4, I-80126 Naples, Italy

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 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

MDPI