

Special Issue

Oxidative Stress and Its Role in Ischemic Stroke

Message from the Guest Editors

The goal of this Special Issue of *Antioxidants* is to bring together new data and interpretations on all aspects of ischemic brain function in relation to reactive oxygen species (ROS). Contributions on the role of ROS at the cellular level, as well as novel findings on ischemic stroke and related brain disorders in relation to oxidative stress, are encouraged. We also welcome submissions reporting therapeutic approaches that utilize endogenous antioxidant pathways and exogenous antioxidants to reverse the negative effects of oxidative stress in ischemic brains.

Guest Editors

Dr. Syed Shadab Raza

Department of Stem Cell Biology and Regenerative Medicine, Era's Lucknow Medical College & Hospital, Era University, Lucknow 226003, India

Prof. Dr. Johannes Boltze

School of Life Sciences, University of Warwick, Coventry CV4 7AL, UK

Deadline for manuscript submissions

closed (31 December 2023)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/116305

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

[mdpi.com/journal/
antioxidants](https://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](https://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)