



Free Radical Oxidation and Natural Antioxidants: Molecular Aspect Action

Guest Editor:

Dr. Vadim Z. Lankin

Department for Free Radical
Research, National Medical
Research Center of Cardiology,
Russian Ministry of Health,
121552 Moscow, Russia

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

Reactive oxygen species (ROS) play an important role in normal physiological processes (e.g., cellular immunity, etc.). The intensification of ROS generation initiates mechanisms of oxidative damage to cell structures, being one of the main molecular mechanisms of various pathological conditions (such as atherosclerosis, diabetes mellitus, etc.). Natural low-molecular-weight antioxidants and antioxidant enzymes protect the body from the uncontrolled development of free radical processes.

This Special Issue aims to include papers on the topic of molecular mechanisms of the normal regulation of free radical processes and their disruption during the development of pathological conditions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI