



Redox Homeostasis, Signaling, and Oxidative Stress in Health and Disease

Guest Editors:

Dr. Gianfranco Pintus

1. Professor of Biochemistry,
Department of Medical
Laboratory Sciences, University
of Sharjah, P. O. Box 27272
Sharjah, United Arab Emirates
2. Department of Biomedical
Sciences, University of Sassari,
Sassari, Italy

Dr. Panagiotis Paliogiannis

Department of Medical, Surgical
and Experimental Sciences,
University of Sassari, Viale San
Pietro 43, 07100 Sassari, Italy

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

This Special Issue on “Redox Homeostasis, Signaling, and Oxidative Stress in Health and Disease” welcomes original research articles that illustrate and stimulate the growing efforts to understand the implication of redox signaling in pathological conditions such as cancer, cardiovascular and metabolic diseases, inflammatory, autoimmune, and chronic degenerative diseases and potential redox-mediated therapeutic approaches to counteract or prevent these conditions. Research articles investigating and reporting new aspects of redox-regulated signaling phenomena triggered by the interaction of xenobiotics with the cell/organ/tissue/body redox-regulatory apparatus are also particularly welcome. We also appreciate the submission of review articles that critically assess and discuss the current state of the art concerning the highlighted topics





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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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