

Special Issue

Oxidative Stress in Cardiovascular Diseases (CVDs)

Message from the Guest Editors

Oxidative stress has been associated with many pathophysiological processes, including cardiovascular diseases. Different overactivated ROS sources such as the mitochondrion, NADPH oxidase, xanthine oxidase, or cyclooxygenase-2 are involved in the development and maintenance of diseases such as hypertension, atherosclerosis, heart failure, stroke, or diabetes. This Special Issue of *Antioxidants* entitled "Oxidative Stress in Cardiovascular Diseases (CVDs)" aims to provide a close look at the current research on the role of oxidative stress in cardiovascular pathologies. Original research articles and reviews addressing the gaps in the knowledge of the mechanisms triggered by the accumulation of ROS and the subsequent effect on the organism, including end-organ damage, in cardiovascular pathologies are welcome.

Guest Editors

Dr. Roberto Palacios-Ramirez

Unidad de Excelencia Instituto de Biomedicina y Genética Molecular (IBGM), Universidad de Valladolid—Centro Superior de Investigaciones Científicas (CSIC), 47003 Valladolid, Spain

Dr. Ernesto Martínez-Martínez

Physiology Department, School of Medicine, Universidad Complutense, 28040 Madrid, Spain

Deadline for manuscript submissions

10 March 2026



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/203747

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

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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

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