antioxidants

IMPACT FACTOR 6.0

Indexed in: PubMed

CITESCORE 10.6

an Open Access Journal by MDPI

Oxidative Stress in Liver Disease and Cardiovascular Risk

Guest Editors:

Dr. María Candelaria Martín-González
Internal Medicine Department, Universidad de La Laguna, Hospital Universitario de Canarias, 38320 Santa Cruz de Tenerife, Spain

Dr. Pedro Abreu-González
Unit of Physiology, Department of Basic Medical Sciences, University of La Laguna, 38200 Santa Cruz de Tenerife, Spain

Deadline for manuscript submissions:
closed (20 June 2024)

Message from the Guest Editors

NAFLD and alcoholic liver disease are associated with increased cardiovascular risk. NAFLD causes a systemic proinflammatory state and increased oxidative stress, leading to endothelial dysfunction and thus increased cardiovascular risk in asymptomatic individuals. Alcohol itself is toxic to the cardiovascular system. Patients who consume large amounts of alcohol can development cardiac arrhythmias, alcoholic dilated cardiomyopathy or hypertension, among others. In alcoholic liver disease, in addition to REDOX imbalance, there is increased gastrointestinal permeability, with the passage of lipopolysaccharide from Gram-negative bacteria into the portal circulation. This lipopolysaccharide stimulates the hepatic Kuppfer cell, triggering intense cytokine release and leading to an underlying proinflammatory situation. This Special Issue aims to provide a platform for molecular mechanistic research on oxidative stress in liver disease, with a special focus on potential treatments and novel pathogenic pathways involved in cardiovascular risk in patients with liver disease.

antioxidants

IMPACT FACTOR 6.0 | Indexed in: PubMed | CITESCORE 10.6

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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)

Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
𝕏@antioxidants_OA