

Special Issue

Oxidative Stress and Liver Disease

Message from the Guest Editor

Chronic liver diseases of metabolic origin have diverse causes, including genetics, epigenetics, and the composition of the microbiota. Oxidative stress has been implicated in disease progression by several mechanisms associated with hepatocyte damage. The recent pandemic, which led to prolonged periods of lockdown and sedentary lifestyles, further exacerbated the risk factors of obesity and metabolic syndrome, both of which are associated with an increase in oxidative stress. All three contribute to liver disease progression, especially when combined with increased alcohol consumption, a lack of exercise, being elderly, and a number of other risk factors. We invite submissions to this Special Issue of original research articles, reviews, and case studies related to MAFLD, antioxidants, liver damage mechanisms, etc. Contributions exploring the latest advancements in our understanding of the pathogenesis, diagnosis, treatment, and prevention of liver disease are particularly welcome. We look forward to your valuable contributions to this important area of research.

Guest Editor

Dr. Alejandra Espinosa Escalona

Center of Interdisciplinary Biomedical and Engineering Research for Health, Faculty of Medicine, Campus San Felipe, Universidad de Valparaíso, Valparaíso 2340000, Chile

Deadline for manuscript submissions

31 October 2025



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/200588

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)