

## Special Issue

# Antioxidants Therapy and Oxidative Stress in Non-alcoholic Fatty Liver Disease

### Message from the Guest Editors

Recent meta-analyses show that the global prevalence of NAFLD is about 30%, making it the leading cause of liver-related morbidity and mortality. Despite this fact, and intensive basic and clinical research, the etiology of NAFLD is still not fully elucidated. Accumulating data gathered in recent years has provided evidence that oxidative stress is the main contributor to hepatic cell injury and death in patients with NAFLD. The modifications of the oxidant/antioxidant equilibrium affect multiple organelles. It leads to not only to peroxidation of different lipids, but also dysfunction of mitochondria and endoplasmic reticulum stress.

Oxidative damage may be counteracted by the antioxidant response, which may, however, also be impaired in patients with NAFLD. This Special Issue will cover all aspects of the role of oxidative stress and antioxidant response in the development of NAFLD and its complications. It also aims to provide knowledge of the new therapeutic targets and antioxidant interventions in NAFLD. This Special Issue invites the submission of original research, review articles, and meta-analyses.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2025)



## Antioxidants

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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.

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### Editor-in-Chief

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