



Special Issue on Oxidative Stress

Call for Papers

Oxidative Stress is a physiological condition characterized by an imbalance between the production of reactive oxygen species (ROS) and the body's ability to neutralize them through antioxidants. ROS, such as free radicals, are highly reactive molecules that can cause damage to cells and biomolecules, including lipids, proteins, and DNA. This imbalance leads to oxidative damage and can contribute to numerous diseases and health conditions, including aging, cancer, neurodegenerative disorders, cardiovascular diseases, diabetes, and more. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of Oxidative Stress.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Oxidative Stress**. Potential topics include, but are not limited to:

- Reactive oxygen species
- Free radicals
- Oxidative damage
- Oxidative imbalance
- Oxidative injury
- Oxidative defense
- Oxidative markers
- Redox homeostasis
- Oxidative metabolism
- Oxidative burden
- Antioxidant enzymes
- Oxidative damage biomarkers
- Antioxidant capacity
- Oxidative stress-induced diseases
- Lipid peroxidation
- Protein oxidation
- Mitochondrial dysfunction
- Inflammation
- Cellular stress
- Oxidative stress and aging
- Oxidative stress and cancer
- Antioxidant therapy
- Oxidative stress and diseases



Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Oxidative Stress**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	April 16th, 2025
Publication Date	June 2025

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