Special Issue

Crossroad Between Oxidative Stress and DNA Damage and Repair in Stroke

Message from the Guest Editors

The topic “Cross Road Between Oxidative Stress and DNA Damage and Repair in Stroke” explores the intricate relationship between oxidative stress and DNA damage in the context of stroke and the cellular repair mechanisms involved. Type of Submissions Expected:
Review Articles: Comprehensive reviews on the current understanding of the relationship between oxidative stress and DNA damage/repair in stroke, summarizing the latest findings.
Original Research Articles: Experimental studies that explore the mechanisms of oxidative stress and DNA repair in stroke models, including in vitro and in vivo work.
Opinion Articles: Perspectives on potential therapeutic strategies to mitigate oxidative stress and enhance DNA repair after stroke. This area covers a multidisciplinary approach, integrating molecular biology, neuroscience, pharmacology, and clinical medicine. The research could lead to developing more targeted therapeutic interventions aimed at reducing stroke-induced brain damage and improving patient outcomes.

Guest Editors

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Deadline for manuscript submissions

30 November 2025

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

Editors-in-Chief

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Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).