

## Special Issue

# Redox Regulation by Nrf2 in Health and Disease

### Message from the Guest Editor

Nuclear factor erythroid 2-related factor 2 (Nrf2) is a master regulator of cellular antioxidant responses and plays a pivotal role in maintaining redox homeostasis. This Special Issue of *Cells* aims to gather cutting-edge research that explores the diverse roles of Nrf2-mediated redox regulation across various biological systems and conditions.

We invite submissions from researchers working on different aspects of Nrf2 biology, including but not limited to: Molecular Mechanisms, Cellular Physiology, Signaling Crosstalk, Gene Expression and Epigenetics, Inflammation and Immunity, Pharmacological Modulation, Model Organisms and In Vitro Systems.

We encourage submissions of original research articles and reviews that advance our understanding of Nrf2 biology and its potential applications in both basic science and translational research.

We look forward to receiving high-quality contributions that will enrich our understanding of Nrf2's critical functions in redox regulation and beyond.

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### Guest Editor

Dr. Pandu Gangula

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### Deadline for manuscript submissions

30 November 2025



## Cells

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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.

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### Editors-in-Chief

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#### 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).