

Special Issue

NOX Enzymes from Host Defense to Cell Signaling and Metabolic Disease

Message from the Guest Editor

The understanding of proper regulation of cellular redox homeostasis and the role of NOX-es in this process is indispensable for identifying novel avenues to combat ROS-related pathologies. This Special Issue of *Cells* should improve our understanding of NOX function and regulation by including researchers working in the areas of inflammation, cell signaling and metabolism, cancer and fibrosis development. Studies conducted in cell-free systems, cellular or rodent models exploring both the physiological and pathological functions of NOX enzymes are encouraged. Investigations of NOX enzymes using diverse methods and research systems are urgently needed to improve our understanding of cellular redox-related pathophysiological processes. For further information, please visit the Special Issue [website](#).

Guest Editor

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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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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).