Special Issue

ROS-Mediated Therapeutic Approaches for Cells

Message from the Guest Editor

Reactive oxygen species (ROS), in a chemically reactive state, are peroxides, superoxide, hydroxyl radical, singlet oxygen and alpha-oxygen, etc. They have been extensively investigated in the field of cellular metabolism, cell therapy, cancer cell treatment and molecular targeting. ROS generation and therapeutic approaches should be still explored for overcoming of various diseases. Some of the topics around ROS generation in the cells and their therapeutic approaches to be tackled in this Special Issue include but are not limited to: - Cellular mechanism of ROS production; - ROS-producing agents and their cellular responses; - ROS-related cell therapy; - ROS-mediated cancer cell treatment; - Disease diagnosis using ROS-sensitive mechanism.

Guest Editor

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Deadline for manuscript submissions

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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).