Special Issue

Cellular Senescence: Aging, Cancer and Injury

Message from the Guest Editors

Considerable effort, both academic and biotech, has been generated in the last decade to understand the biochemical underpinnings of the cellular senescence and to develop drugs to remove or modulate senescent cells in the hope that they will ameliorate age-related diseases. These include drugs that result in the elimination of the senescent cells (called senolytics) or those that modulate the secreted inflammatory nature of the senescent cell (called senomorphics). This indeed is one of the most exciting frontiers in medical research, but needs a fuller understanding of the interaction of senescence with the other hallmarks of the ageing process, of the temporal development of cellular senescence and ageing, and its influence on initiation and progress of disease. The current Special Issue will focus on the newest developments of senescence with special emphasis on its impact in ageing, cancer and injury. For further information, please visit the Special Issue website.

Guest Editors

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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).