Special Issue

The Role of Telomere Biology in Aging and Human Disease

Message from the Guest Editor

Ground breaking fundamental work in identifying and discovering the basic roles of telomeres and telomerase has laid the foundation for a plethora of evidence that telomere biology plays multiple crucial roles in human health. Telomere biology has been implicated in major human biological processes from aging, cancer, cardiovascular disease, numerous heritable disorders and other human disease and disease resistant states.

In this Special Issue, we invite your contributions, either in the form of original research articles, reviews, or shorter perspective articles on all aspects related to the theme of "The Role of Telomere Biology in Aging and Human Disease". Relevant topics include, but are not limited to:

- Telomere biology and cancer
- Telomere biology and the environment
- Telomere dynamics in stem and progenitor cells
- Heritable telomere disorders
- Modes of telomere dysfunction in human systems
- Human telomere biology
- Telomeres and aging
- The role of telomeres in cardiovascular disease
- Telomere biology and disease resistance (including tumor suppression) pathways
- Telomere biology and the DNA Damage response

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2019)

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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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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).