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The Role of Telomere Biology in Aging and Human Disease II

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Deadline for manuscript submissions:

closed (15 April 2022)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue of *Cells*, 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”. Articles with mechanistic and functional insights from a cell and molecular biological perspective are especially welcome. 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.



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Special Issue



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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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