The Role of Telomere Biology in Aging and Human Disease

Message from the Guest Editor

Dear Colleagues,

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

mdpi.com/si/17032