



## Aging and Senescence

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Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editor

Dear colleagues,

Aging is a natural process that occurs during the lifespan of an organism and involves cellular, physiological, and social changes. A recent debate in the scientific community is questioning whether aging is an adaptive action or simply a consequence of the stochastic accumulation of deleterious phenomena. The primary aspect of this Special Issue is to supply a contribution of significant works in the field of “Aging and Senescence”, focusing on biological processes of cellular senescence and the demonstration that this physiological mechanism contributes to the onset of multiple diseases associated with aging.

Topics of this Special Issue include, but are not limited to:

- Organismal aging and senescence
- The key role of cellular senescence in driving of aging
- Senescence-associated secretory phenotype (SASP) proteins and their contribution to physiological and pathological effects in organisms
- How genetic or pharmacological removal of senescent cells improves longevity and promotes health span
- Stem cells and aging





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## Message from the Editor-in-Chief

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