

Special Issue

Aging and Senescence

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

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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