

## Special Issue

# Mechanisms and Novel Biomarkers Underlying Aging and Longevity

### Message from the Guest Editors

Aging is a complex biological process associated with a progressive time dependent decline in organismal function. This deterioration is the primary driver of the dominant age-associated human diseases, such as cardiovascular disorders, cancer, and neurodegeneration. Nowadays, the rapid increase in the aged population entails major health and socioeconomic problems, which challenge our society. Therefore, increasing our knowledge of the mechanisms underlying aging, as well as identification of reliable biomarkers of aging, will have a global impact. In the recent years, major progress has been made within the field of aging research, and this has resulted in the formulation of an increasing number of hallmarks of aging. Extensive studies of the various hallmarks and how they interconnect and contribute to the regulation of aging are ongoing.

We encourage scientists to send original research articles and reviews that will cover the molecular, cellular, and systemic mechanisms underpinning aging both in laboratory organisms and in human medicine. Interventions that target longevity and health-span will also be an area of great interest.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2024)



## Biomolecules

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*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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### Editors-in-Chief

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