

## Special Issue

# Advances in Anti-Aging Treatment Development, 2nd Edition

### Message from the Guest Editors

Inflamm-aging is the term used to refer to the chronic low-grade inflammation that develops during aging and accompanies both the development of chronic diseases and functional decline in older adults. Derangements in cellular quality control systems are responsible for the accrual of intracellular “waste” (e.g., protein aggregates, damaged mitochondria, lipofuscin) and represent candidate mechanisms for the development of inflamm-aging. Indeed, many of these molecules have pro-inflammatory natures and can be released at the systemic level unless efficiently cleared. The mechanisms that regulate the displacement of these molecules are among the processes that must be tackled for the development of anti-inflammatory strategies. Additional molecular pathways that become dysregulated during aging may actively contribute to local and systemic inflammation and thus warrant investigation.

This Special Issue continues to gather contributions from researchers in the field of biogerontology and geroscience who are investigating anti-aging remedies and personalized anti-inflammatory interventions to extend one's health- and lifespan.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2024)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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Molecular Sciences*  
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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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### Editor-in-Chief

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