

## Special Issue

# Cell Senescence in Musculoskeletal Pathology and Associated Pain

### Message from the Guest Editors

The Special Issue “Cell Senescence in Musculoskeletal Pathology and Associated Pain” is being prepared for the journal *Biomolecules*. There is growing recognition that senescent cells accumulate during connective tissue ageing and degeneration, where they contribute directly to musculoskeletal disorders. All senescent cells share these general features, but there are distinct differences in SASP and in anti-apoptotic pathways linked to cell type, species, and the inducer of senescence. Their functional role in connective tissue homeostasis has sparked interest in researching the complex pathways and intrinsic and extrinsic stimuli controlling senescence and in the development of novel treatment options targeting senescent cells. This Special Issue aims to collect original research articles and reviews that provide insights into the causes and consequences related to senescent cells in musculoskeletal pathology and associated pain that can be applied toward the development of therapeutic strategies.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 February 2023)



## Biomolecules

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### Message from the Editorial Board

*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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