



Cell Senescence in Musculoskeletal Pathology and Associated Pain

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Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editorial Board

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