

Special Issue

Extracellular Matrix Aging, Principles and Consequences

Message from the Guest Editor

The extracellular matrix is a complex 3D network providing support, mechanical input, and biochemical signals to cells. Numerous studies have underlined the fact that the matrix is essential for proper tissue functioning and maintenance. During the aging process, the extracellular matrix is altered, modified, and sometimes degraded, resulting in local molecular changes that define new information for the surrounding cells that change their behavior to adapt to this new situation. This is notably relevant for matrix fibrous proteins, which can accumulate alterations, eventually resulting in functional failure with pathological consequences. This Special Issue will consider research articles and reviews about the processes leading to extracellular matrix ageing and its consequences at the molecular, cellular, tissular, or physiological levels.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/61848

*International Journal of
Molecular Sciences*
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