



Extracellular Matrix Aging, Principles and Consequences

Guest Editor:

Prof. Dr. Laurent Debelle

Université de Reims Champagne
Ardenne, Reims, France

Deadline for manuscript
submissions:

closed (31 May 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI