International Journal of
Molecular Sciences

IMPACT FACTOR 5.6 | Indexed in: PubMed | CITESCORE 7.8

an Open Access Journal by MDPI

Molecular Morphology and Function of Stromal Cells

Guest Editor:

Dr. Mirko Manetti
Department of Experimental and Clinical Medicine, Section of Anatomy and Histology, University of Florence, 50134 Florence, Italy

Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editor

In recent years, there have been substantial advances in our understanding of stromal cell biology, especially the molecular signals underlying their contribution to several biological processes in different tissues, including tissue morphogenesis and development, maintenance of local tissue homeostasis, tissue injury, regeneration, immune responses, cancer, and other pathologies. Increasing evidence indeed indicates that stromal cells are leading actors in shaping the organization, integrity, and dynamics of their own microenvironment, but their phenotype and functions also are tightly dependent on the specific tissue microenvironment where they reside.

Expanding our knowledge of the cellular and molecular mechanisms regulating the interactions of stromal cells among themselves and with neighbor parenchymal cells or tissue-resident stem cells in physiological and pathophysiological contexts is crucial to gain insights into their potential clinical relevance as therapeutic targets or tools in the translational field of tissue engineering and regenerative medicine.

International Journal of
Molecular Sciences

IMPACT FACTOR 5.6 | Indexed in: PubMed | CITESCORE 7.8

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