

Special Issue

Novel Extracellular and Intracellular Signalling Mechanisms in Bone 3.0

Message from the Guest Editors

Bone is influenced by environmental and genetic factors and numerous local and systemic regulators. Molecular and cellular studies have identified mechanisms in various stem cells and specialized bone cells that affect bone development, bone maintenance, and bone regeneration. Impaired bone metabolisms induce exaggerated bone loss in patients with diseases characterized by decreased bone mass and increased risk of fractures. This Special Issue focuses on novel extracellular and intracellular signaling mechanisms contributing to bone morphogenesis, bone formation, bone remodeling, and bone diseases. We warmly welcome submissions, including original papers and reviews, on this widely discussed topic.

Guest Editors

Prof. Dr. Hyung-Mun Yun

Department of Oral Maxillofacial Pathology, School of Dentistry, Kyung Hee University, 26 Kyungheedaero, Dongdaemun-gu, Seoul 02447, Republic of Korea

Dr. Kyung-Ran Park

Korea Basic Science Institute (KBSI), Gwangju 61751, Republic of Korea

Deadline for manuscript submissions

closed (31 March 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/136895

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)