

Special Issue

Novel Extracellular and Intracellular Signalling Mechanisms in Bone

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.

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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.

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