

Special Issue

Molecular Advances in Bone Metabolism and Disorders

Message from the Guest Editor

Understanding the intricate molecular mechanisms underlying bone metabolism is essential for unraveling the complexities of bone-related diseases and developing targeted therapeutic interventions. By investigating the molecular pathways involved in bone homeostasis, researchers can uncover novel biomarkers, identify therapeutic targets, and devise personalized treatment strategies. Moreover, elucidating the molecular basis of bone disorders contributes to the broader field of regenerative medicine and tissue engineering, paving the way for innovative approaches in bone regeneration and repair. Harnessing the power of molecular advances in this field not only expands our knowledge of bone biology but also has the potential to improve patient outcomes and quality of life for individuals affected by bone disorders. This Special Issue aims to delve into cutting-edge molecular-level knowledge pertaining to advanced research and conditions related to bone biology. Together, we aim to gather leading experts from the field to drive forward new advancements. We eagerly invite you to share your research findings and insights in this Special Issue.

Guest Editor

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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.

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