

Special Issue

Bone Cells and Related Interactions

Message from the Guest Editor

The aim of this Special Issue is focused on the relationships between bone and surrounding tissues/systems. Each bone is an organ (i.e., a multi-tissue entity) that includes connective tissues (cartilage, adipose, blood), nervous tissue, and muscular tissue. Bony skeleton performs both mechanical and metabolic functions, as endoskeleton, it provides a protective and structural framework for the body, since it supplies structural support, protection of soft tissue organs and attachments for muscles. Though bones perform these functions, they are dynamic organs, constantly remodeling, under mechanical and metabolic demands. Moreover, bone tissue contains bone marrow, responsible for stem cell differentiation and blood cell production, and serves as an important store house of minerals. Often, all these aspects are functionally correlated and interfere with each other, by sharing sophisticated signaling pathways. In the last decade, there has been a fair bit of molecular and cellular research done on bone physiology, bone remodeling, bone remodeling bone remodeling bone remodeling

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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