

Special Issue

Regulation Mechanism of Osteoblast/Osteoclast Differentiation

Message from the Guest Editors

The differentiation of osteoblasts and osteoclasts plays a central role in bone formation and remodeling by tightly regulating bone matrix mineralization. Pathologically, impaired differentiation induces bone diseases such as osteoporosis and associated diseases such as cancer and metabolic diseases. Therefore, research targeting osteoblast or osteoclast differentiation is attracting attention as a promising strategy for the prevention and treatment of these diseases. This Special Issue focuses on the “Regulation Mechanism of Osteoblast/Osteoclast Differentiation”, contributing to bone development, formation, remodeling, and diseases through in vitro and/or in vivo studies. 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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