

Special Issue

Molecular Mechanisms Regulating Osteoclastogenesis

Message from the Guest Editors

Bone remodeling is a tightly regulated process involving the interplay among osteoclasts, osteoblasts, and osteocytes. Osteoclasts are the bone resorbing cells arising from the fusion of monocyte/macrophage precursors. Osteoclastogenesis is primarily supported by osteoblasts but also by other cells of the bone marrow microenvironment, such as immune cells, adipocytes, and endothelial cells. Osteoclastogenesis is a finely controlled process, and its deregulation is related to different bone diseases; thus, the deepening of the mechanisms regulating osteoclast formation can be useful for identifying new pharmacological targets. The encourage submissions of full-review or original research papers, and perspectives on the biological, functional, and mechanistic question(s) being addressed.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



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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.

Editor-in-Chief

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