

Special Issue

Osteoclastogenesis and Osteogenesis

Message from the Guest Editor

Welcome to the Special Issue of Biochemistry Section of the International Journal of Molecular Sciences, on “Osteoclastogenesis and Osteogenesis”. Bone is a highly dynamic tissue that is continuously remodeled to attain and maintain optimal bone integrity, mass, and strength. Normal bone remodeling is tightly regulated by a balance between osteoclastic bone resorption and osteoblastic bone formation. However, the physiological condition can be changed by various factors, which lead to an imbalance of bone remodeling and develop bone diseases such as osteoporosis. Thus, osteoclastogenesis and osteogenesis are the most basic, but they are the most essential in bone biology. This Special Issue focuses on novel molecular mechanisms of osteoblasts and osteoclasts contributing to bone remodeling and provides a powerful platform for elucidating novel insights on bone pathophysiology. We very welcome the submission of original research articles and comprehensive reviews.

Guest Editor

Prof. Dr. Jung Eun Kim

Department of Molecular Medicine, School of Medicine, Kyungpook National University, Daegu 41944, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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