Special Issue

Molecular Crosstalk Between Bone and Inflammation

Message from the Guest Editor

We invite researchers and scholars to contribute to a comprehensive exploration of the intricate interplay between bone physiology and inflammatory processes. This interdisciplinary field delves into the molecular mechanisms governing the bidirectional communication between bone cells and the immune system, shedding light on the critical pathways and signaling molecules involved. Potential topics for submission include but are not limited to the following:

- The role of cytokines, chemokines, and immune cells in bone remodeling and inflammation.
- Signaling pathways, including NF
 B and RANKL, orchestrating the crosstalk between bone and inflammation.
- Implications of dysregulated molecular crosstalk in pathological conditions such as osteoporosis, rheumatoid arthritis, and periodontitis.

This call aims to foster collaboration and the exchange of cutting-edge research in this dynamic field, with the goal of advancing targeted therapies for skeletal disorders and inflammatory diseases.

Guest Editor

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Deadline for manuscript submissions

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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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