



Osteoporosis: From Molecular Mechanisms to Therapies 3.0

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Message from the Guest Editor

This Special Issue is a continuation of our previous Special Issue "Osteoporosis: From Molecular Mechanisms to Therapies 2.0"

(https://www.mdpi.com/journal/ijms/special_issues/osteoporosis)

Osteoporosis is a common skeletal disorder, occurring as a result of an imbalance between bone resorption and bone formation, with bone breakdown exceeding bone building. Bone resorption inhibitors, e.g., bisphosphonates, have been designed to treat osteoporosis. Teriparatide, an anabolic agent, stimulates bone formation and corrects the characteristic changes in the trabecular microarchitecture. However, these drugs are associated with significant side effects. It is therefore crucial that we continue to research the pathogenesis of osteoporosis and seek novel modes of therapy. We invite researchers to submit original research and review articles covering significant developments in the pathogenesis of osteoporosis, as well as novel medicines or strategies that hold promise in the prevention and/or treatment of this disease. In particular, we welcome research covering novel signaling pathways, signaling molecules, or osteoporosis medications under development.





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Message from the Editor-in-Chief

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