Special Issue

Molecular Research in Osteoarthritis and Osteoarticular Diseases, 2nd Edition

Message from the Guest Editor

For many years, osteoarthritis and osteoarticular diseases have been the most common diseases affecting the aging population, characterized by the dysregulation of bone homeostasis and deformations of bone and cartilage structures. A good balance between anabolism and catabolism maintains the homeostasis of bone and cartilage metabolism. However, under pathological conditions, this balance is disrupted and transformed into a state of metabolic imbalance, leading to diseases such as osteoporosis and osteoarthritis. This Speical Issue hopes to explore recent advances at the molecular level in osteoarthritis and bone and joint diseases. It focuses on understanding the pathophysiology and molecular mechanisms of the disease, molecular mechanisms underlying bone metabolism and cartilage metabolism, new therapeutic strategies, cutting-edge technologies, and emerging trends in treatment. By fostering collaboration among experts, we will enable further study od the underlying mechanisms of osteoarthritis and bone and joint diseases and discover new drugs or target proteins for the treatment of these diseases and their eventual regeneration.

Guest Editor

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Message from the Editor-in-Chief

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