

## Special Issue

# Musculoskeletal Diseases: Advances in Molecular Mechanisms and Therapeutic Approaches

### Message from the Guest Editor

Musculoskeletal diseases encompass a wide range of pathologic conditions affecting bone, joint, muscle, and connective tissues, impacting individuals of all genders and races. The treatment options for these diseases have significantly advanced in recent decades. However, the molecular mechanisms underlying these conditions remain largely unresolved, and a deeper understanding of their pathophysiology is essential for developing more effective therapies. This Special Issue will highlight new insights and breakthroughs in the molecular mechanisms of musculoskeletal diseases, address persistent challenges, and explore emerging therapeutic approaches, all with the ultimate goal of improving clinical outcomes. We encourage submissions focusing on fundamental molecular pathways, novel therapeutic targets, translational approaches, and innovative methodologies that further our understanding of musculoskeletal pathophysiology.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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